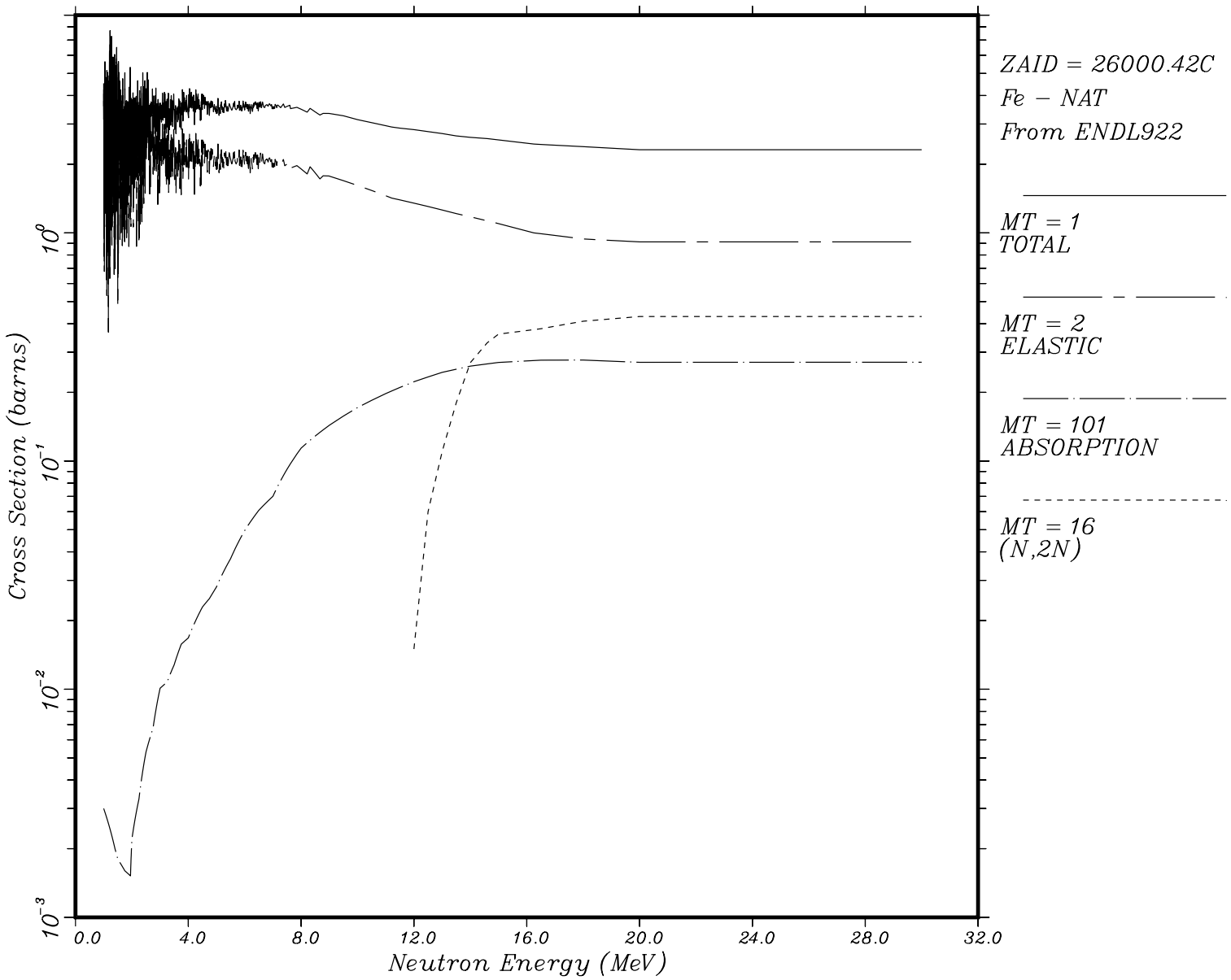
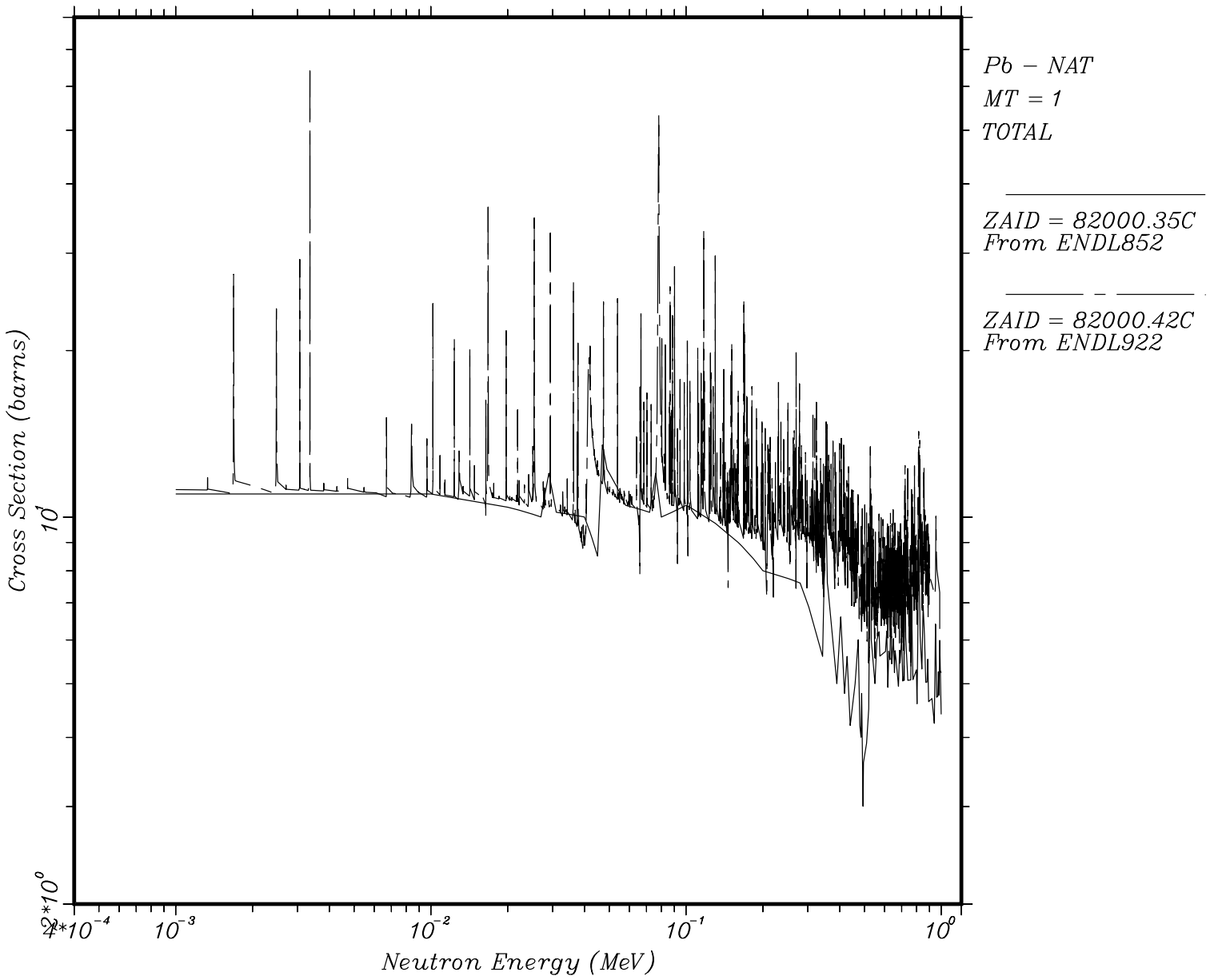
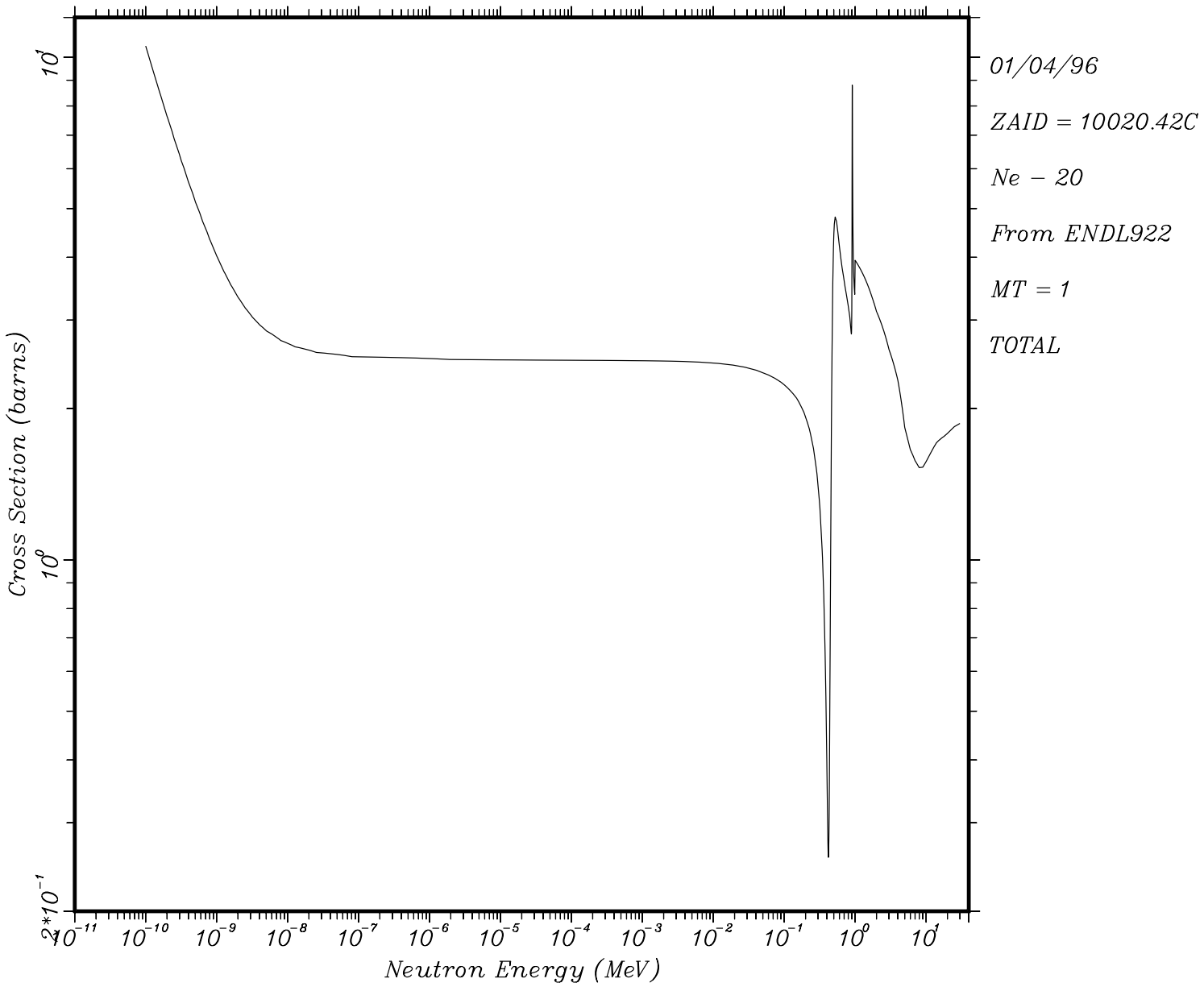
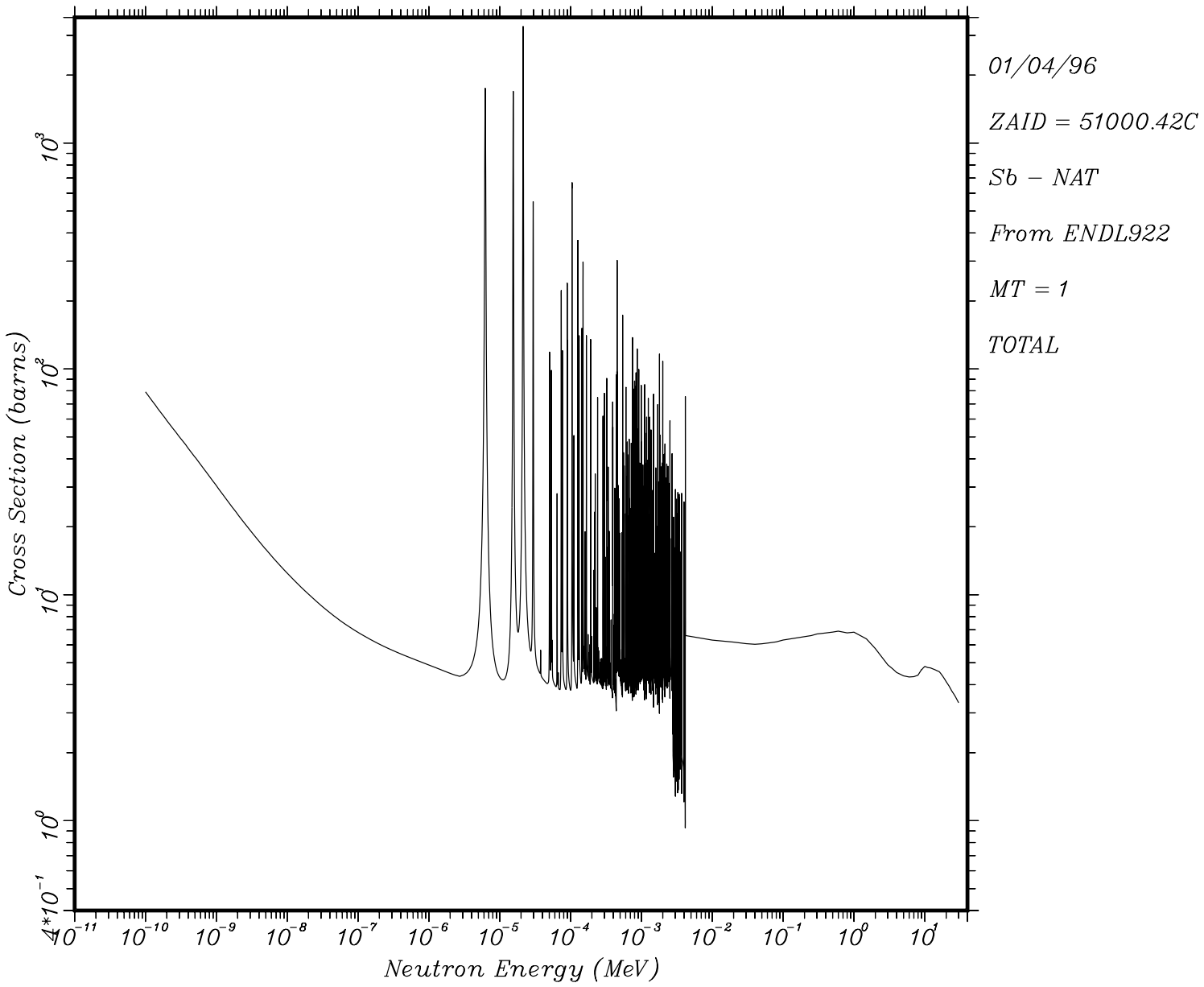
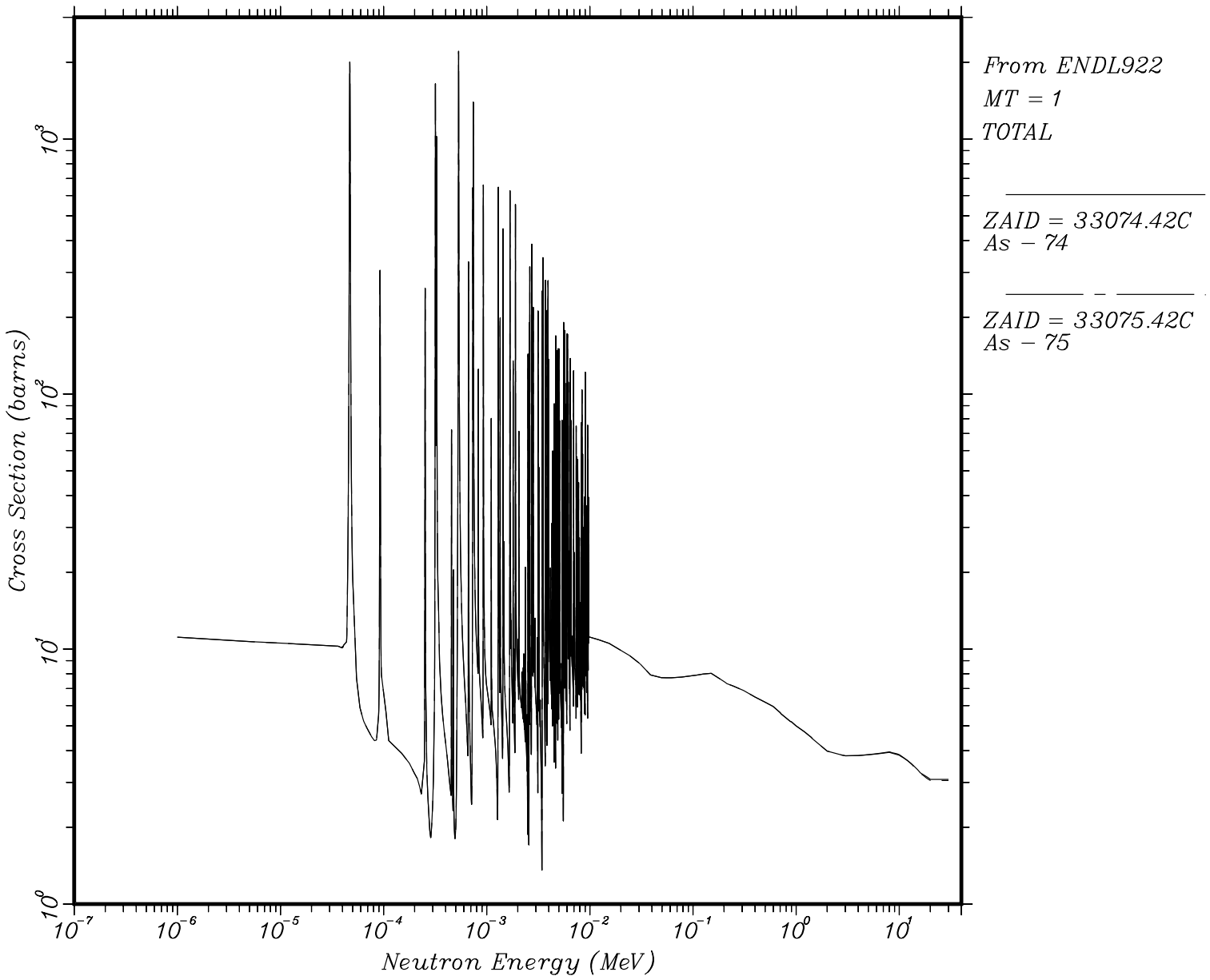
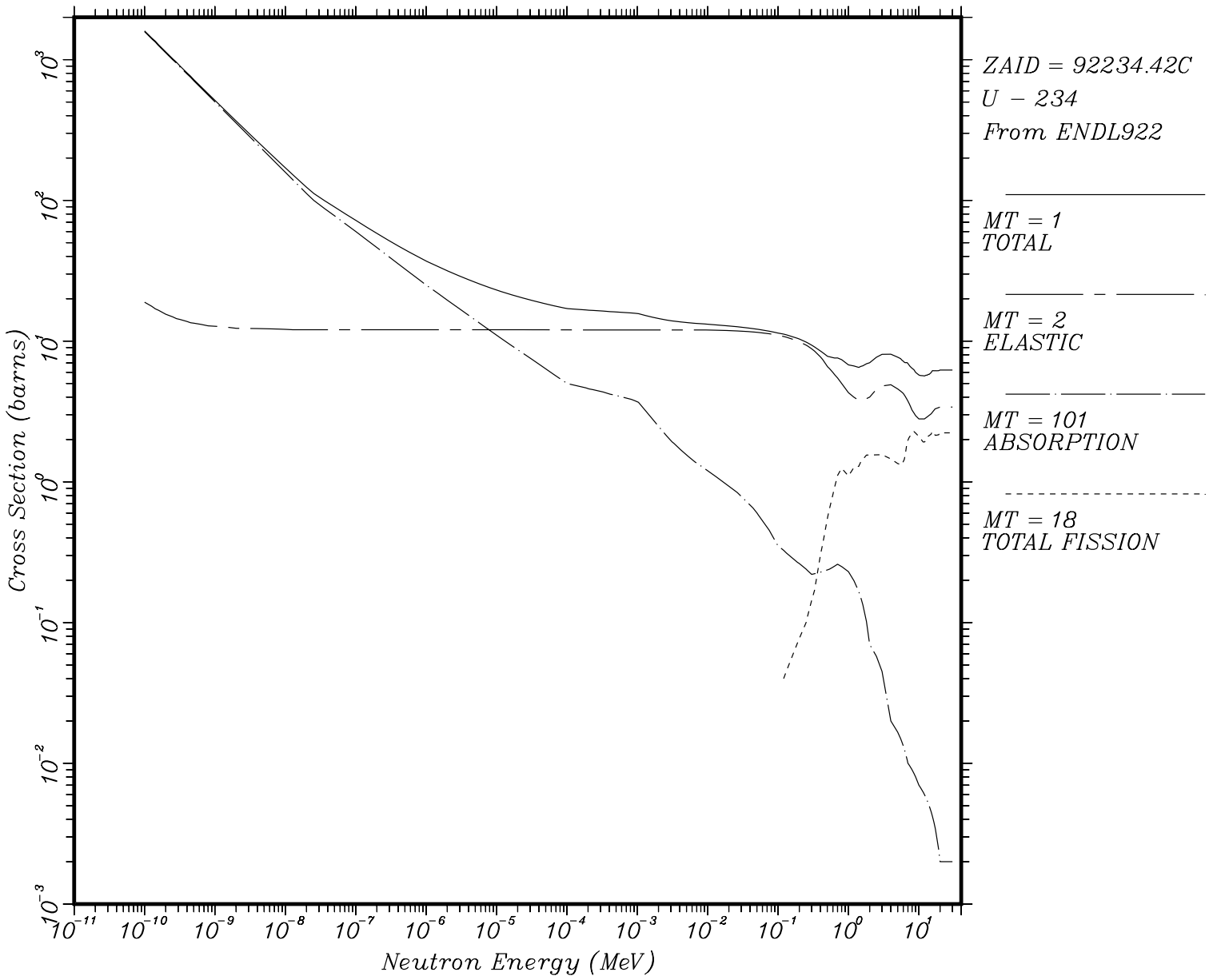

ZAID = 26000.42C
Fe − NAT
From ENDL922
MT = 1
TOTAL
MT = 2
ELASTIC
MT = 101
ABSORPTION
MT = 16
(N,2N)
Cross Section (barns)
Neutron Energy (MeV)
10^0
10^-1
10^-2
10^-3
0.0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
32.0

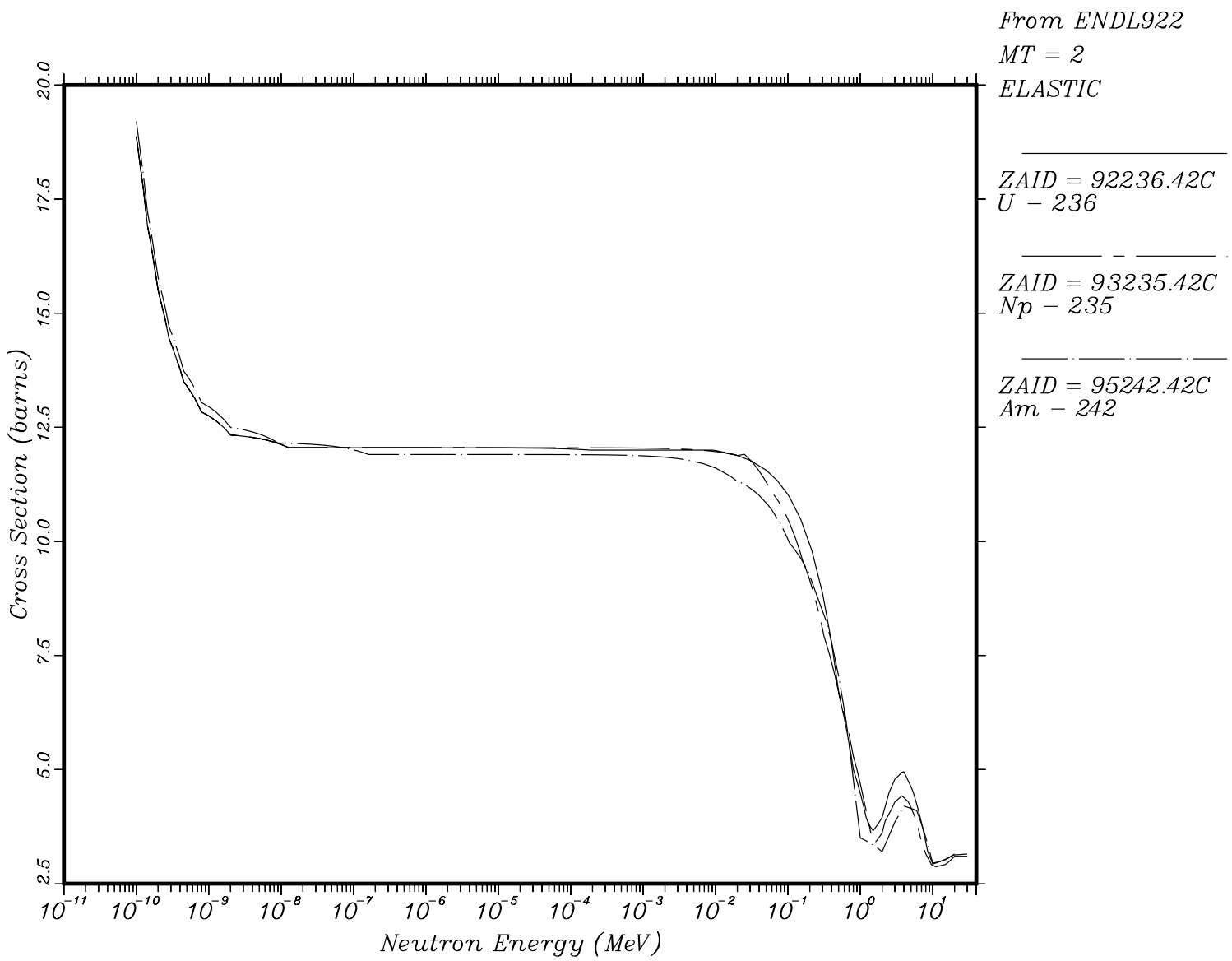

Pb – NAT
MT = 1
TOTAL
ZAID = 82000.35C
From ENDL852
ZAID = 82000.42C
From ENDL922
Cross Section (barns)
10
2*10^0
4*10^-4
10^-3
10^-2
10^-1
10^0
Neutron Energy (MeV)

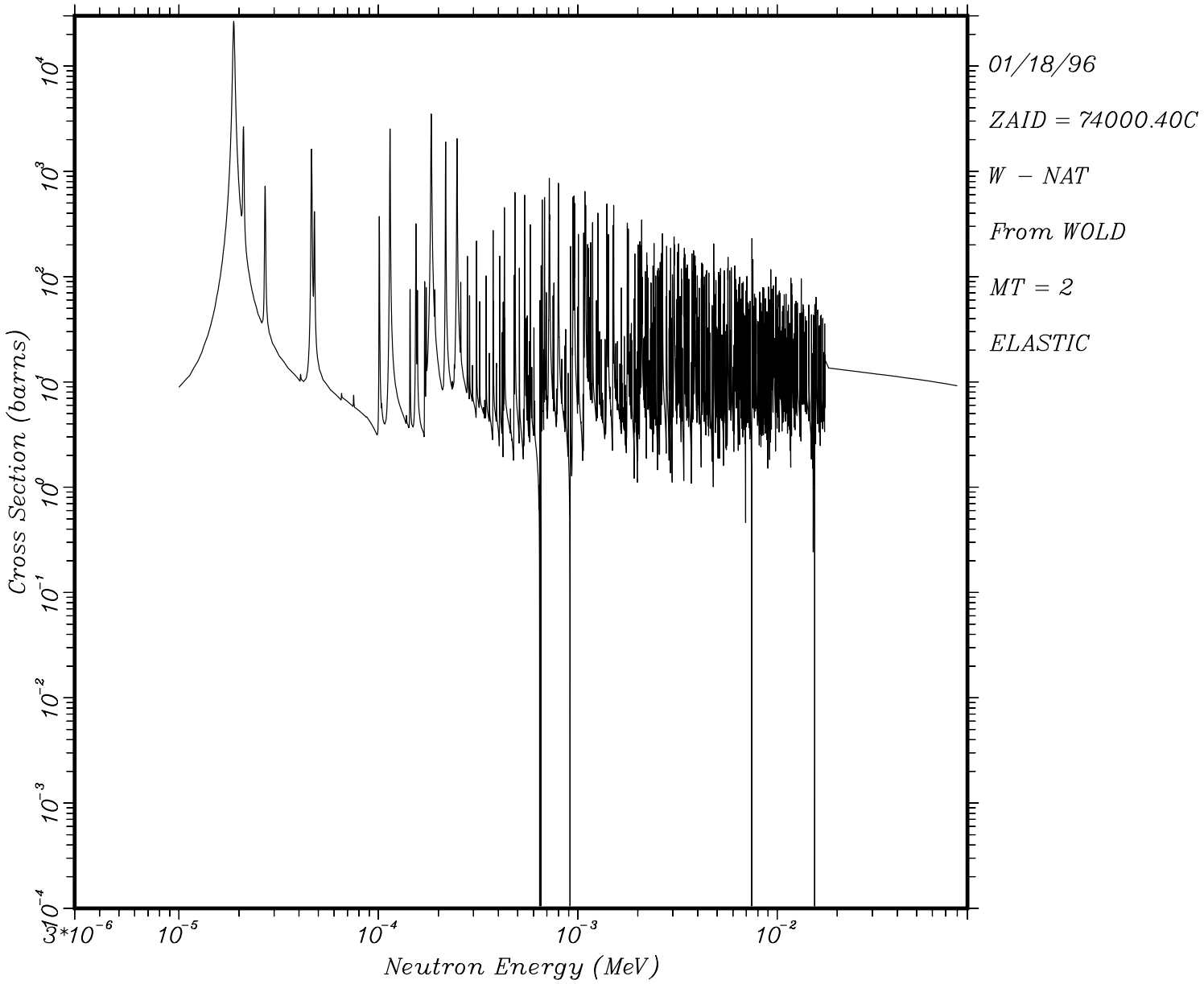

01/04/96
ZAID = 10020.42C
Ne − 20
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
10^1
10^0
2*10^-1
10^-11
10^-10
10^-9
10^-8
10^-7
10^-6
10^-5
10^-4
10^-3
10^-2
10^-1
10^0
10^1

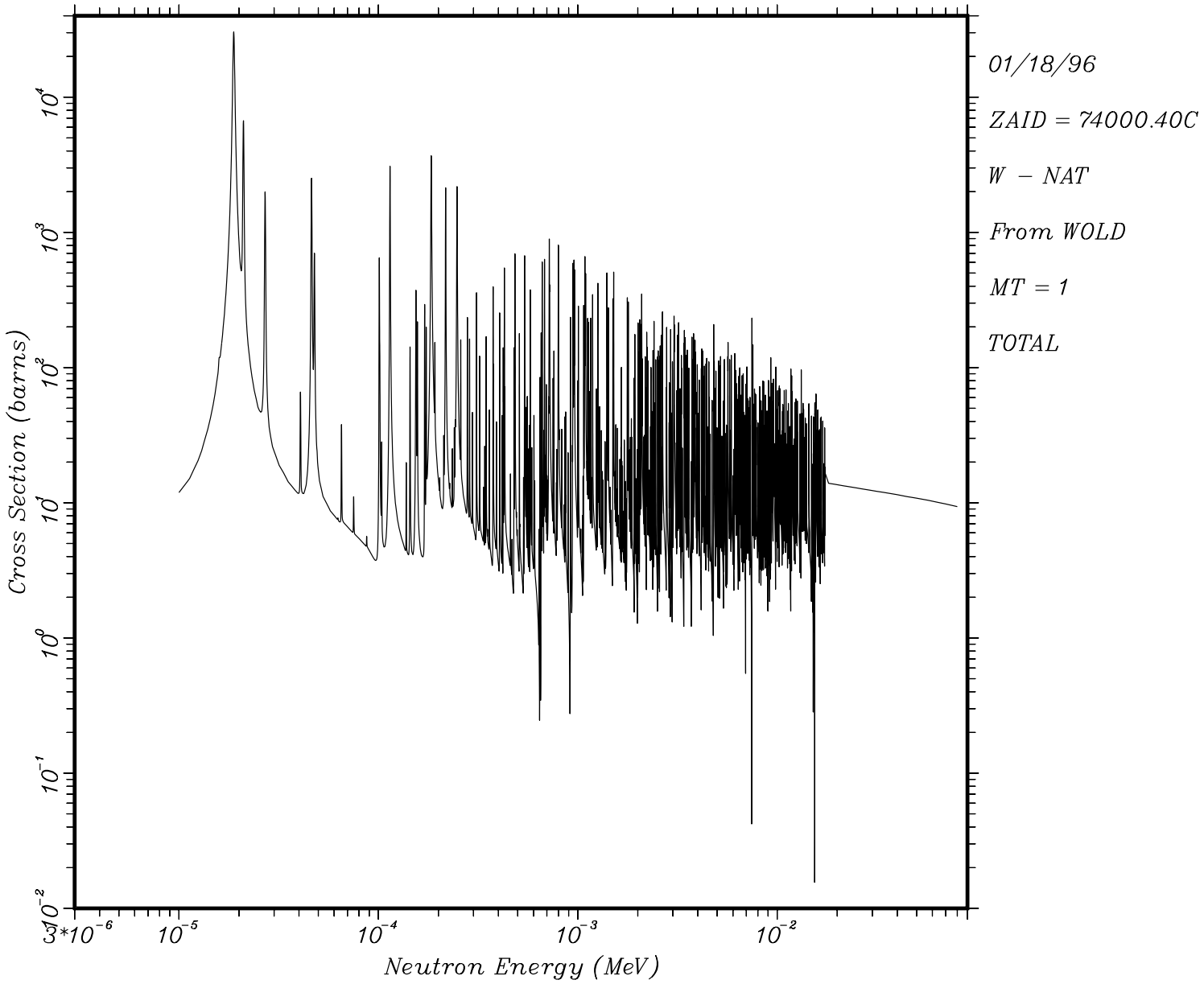

01/04/96
ZAID = 51000.42C
Sb – NAT
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
4*10⁻¹
10⁰
10¹
10²
10³
10⁻¹¹
10⁻¹⁰
10⁻⁹
10⁻⁸
10⁻⁷
10⁻⁶
10⁻⁵
10⁻⁴
10⁻³
10⁻²
10⁻¹
10⁰
10¹

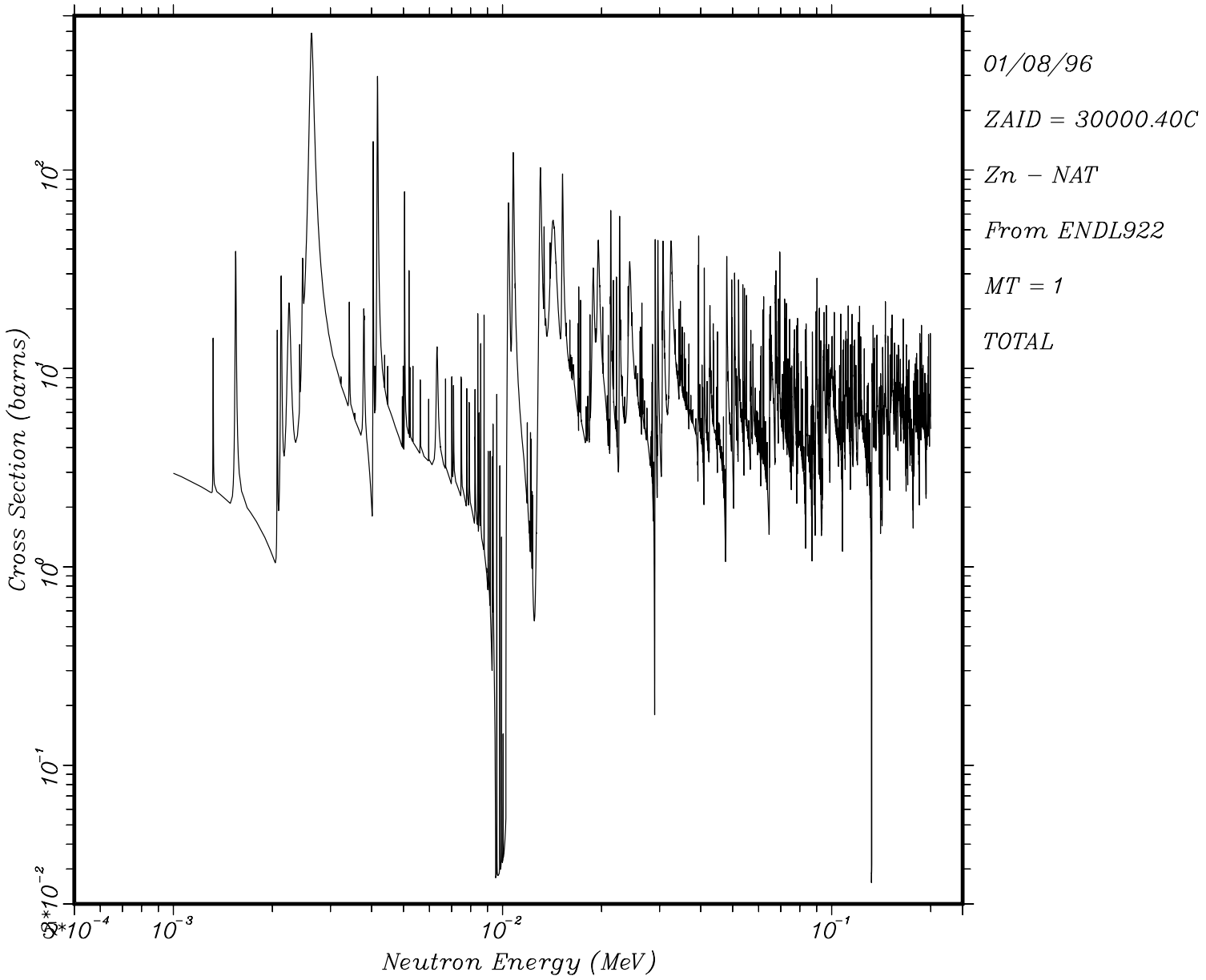

From ENDL922
MT = 1
TOTAL
ZAID = 33074.42C
As – 74
ZAID = 33075.42C
As – 75
Cross Section (barns)
Neutron Energy (MeV)
10^0
10^1
10^2
10^3
10^-7
10^-6
10^-5
10^-4
10^-3
10^-2
10^-1
10^0
10^1

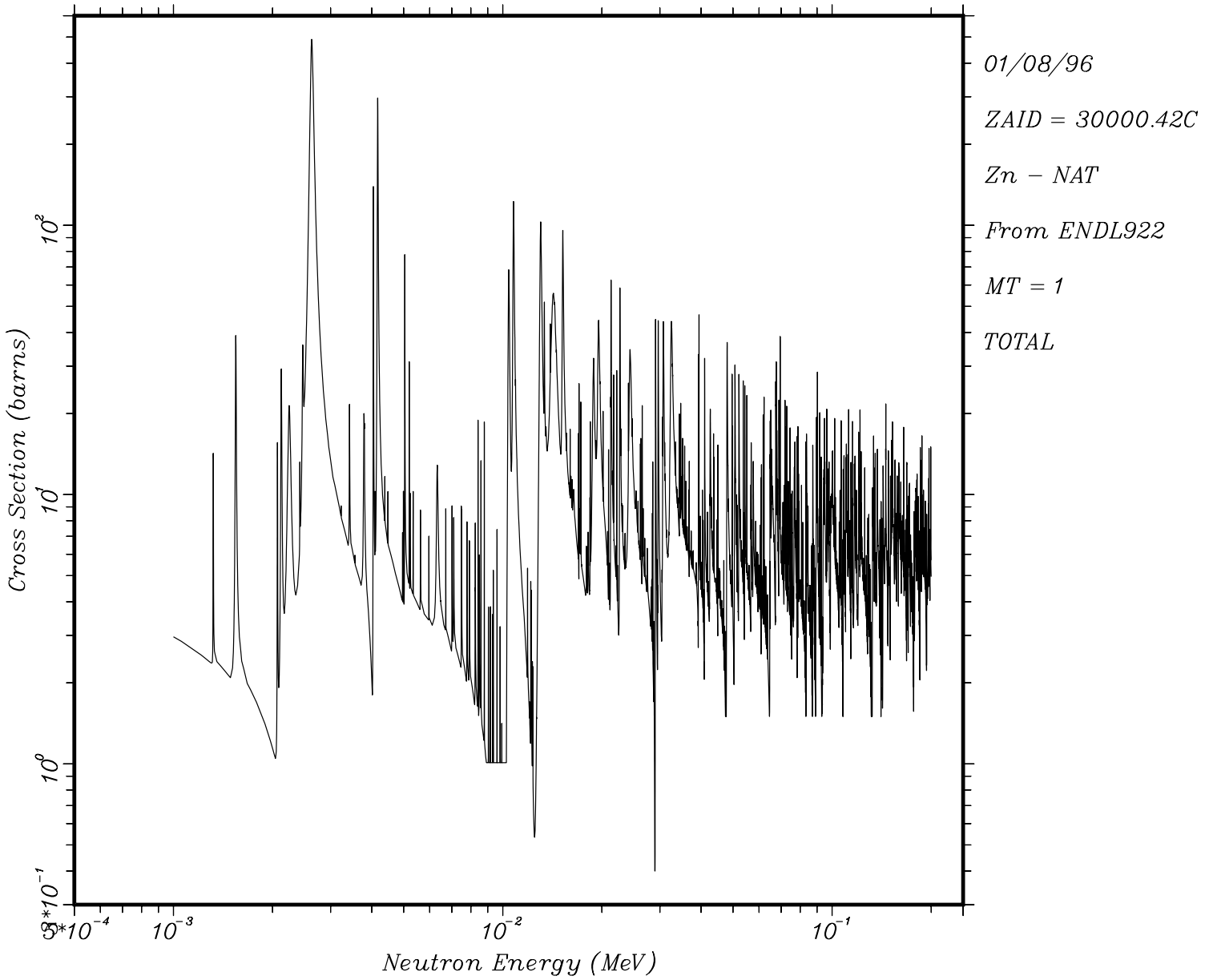

ZAID = 92234.42C
U − 234
From ENDL922
MT = 1
TOTAL
MT = 2
ELASTIC
MT = 101
ABSORPTION
MT = 18
TOTAL FISSION
Cross Section (barns)
Neutron Energy (MeV)
10^3
10^2
10^1
10^0
10^-1
10^-2
10^-3
10^-11
10^-10
10^-9
10^-8
10^-7
10^-6
10^-5
10^-4
10^-3
10^-2
10^-1
10^0
10^1

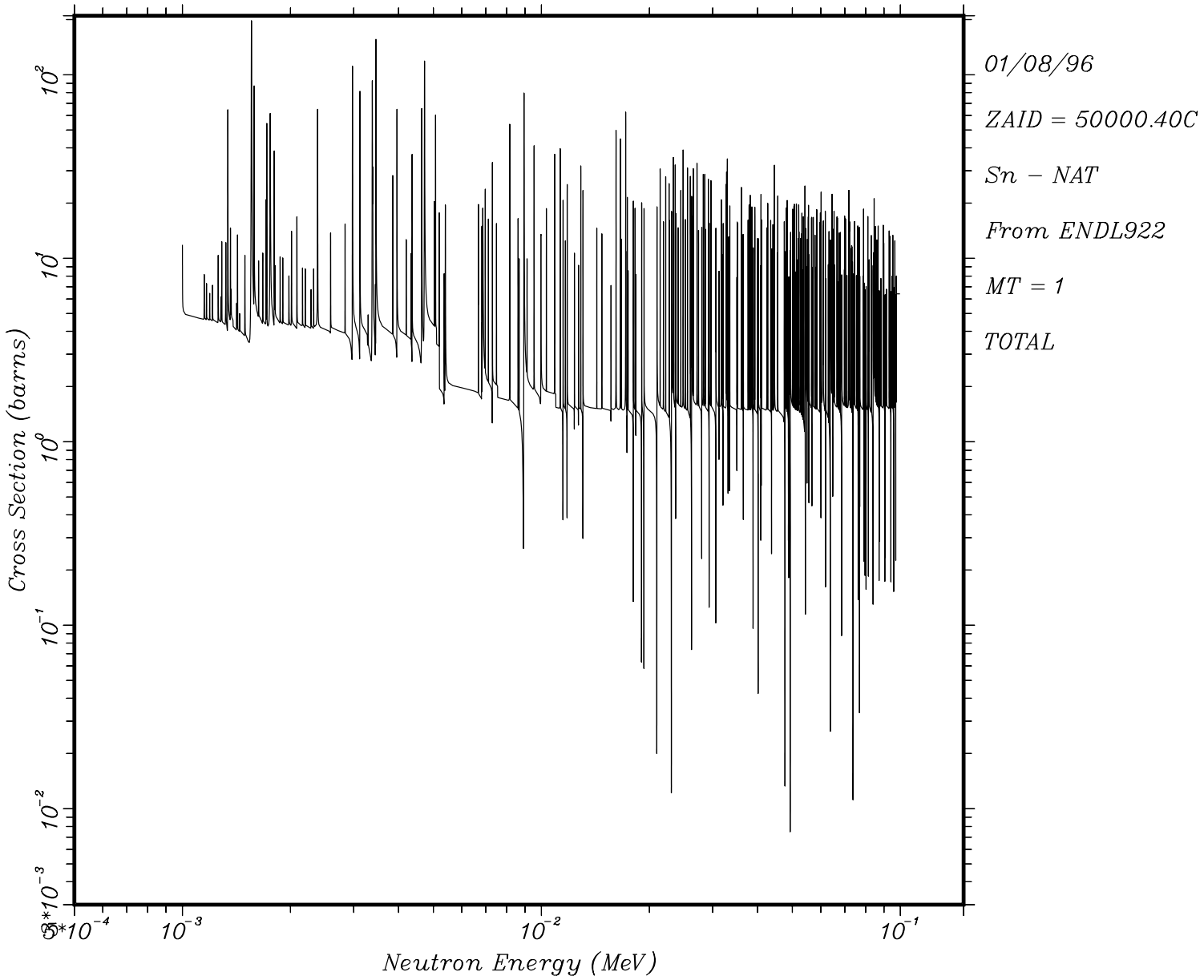

From ENDL922
MT = 2
ELASTIC
ZAID = 92236.42C
U − 236
ZAID = 93235.42C
Np − 235
ZAID = 95242.42C
Am − 242
Cross Section (barns)
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
10^-11 10^-10 10^-9 10^-8 10^-7 10^-6 10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1
Neutron Energy (MeV)

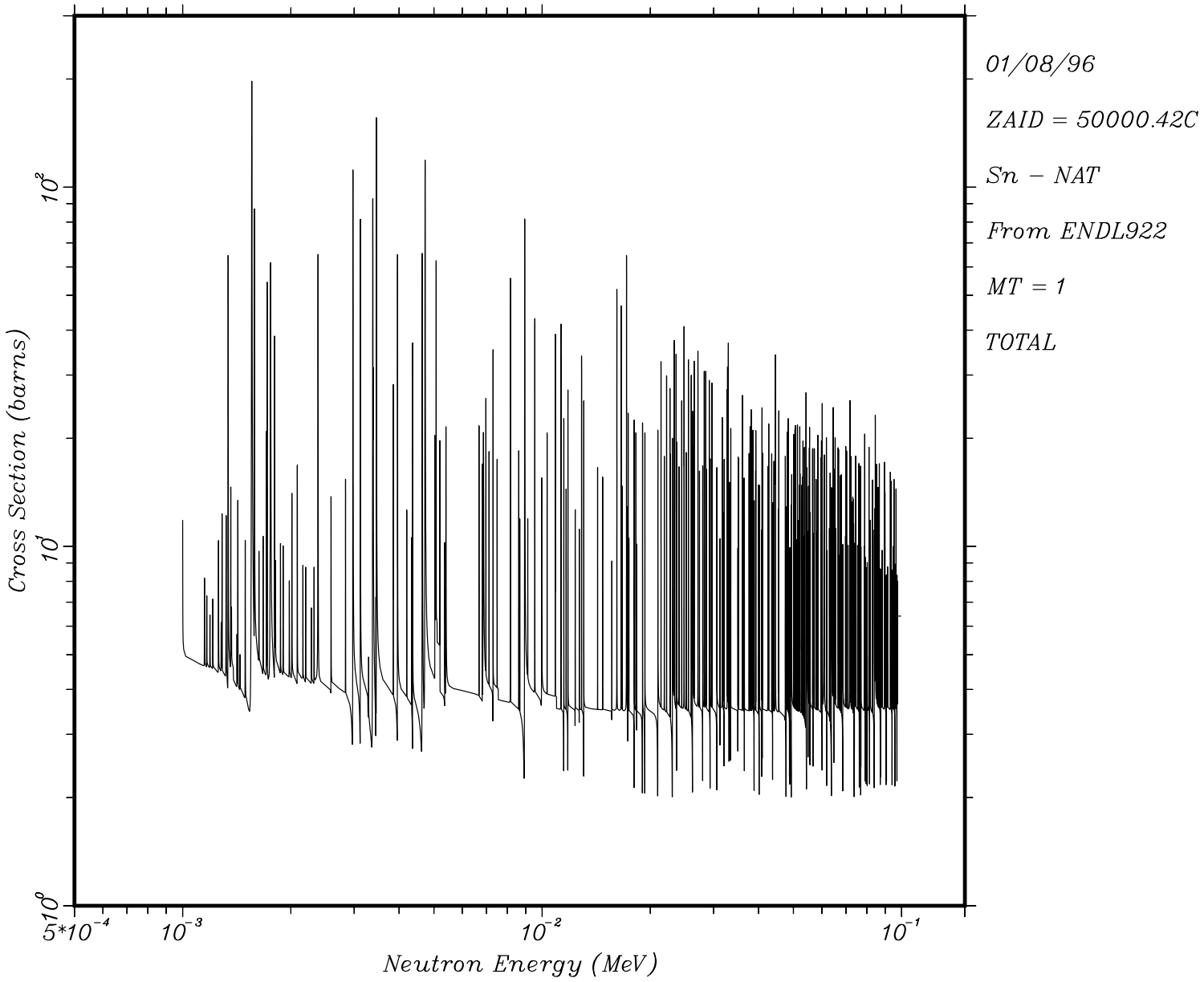

01/18/96
ZAID = 74000.40C
W - NAT
From WOLD
MT = 2
ELASTIC
Cross Section (barns)
Neutron Energy (MeV)
3*10^-6
10^-5
10^-4
10^-3
10^-2

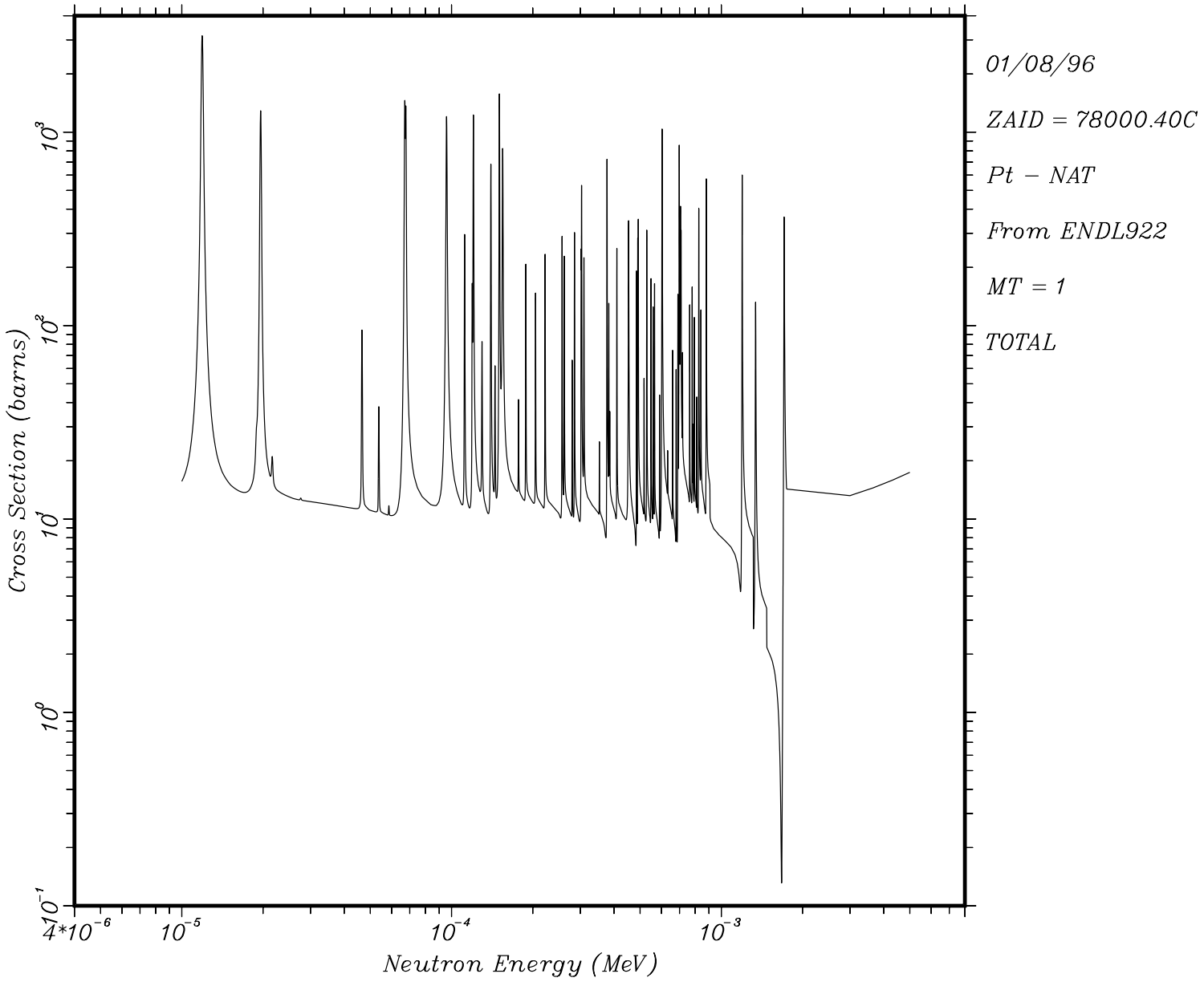

01/18/96
ZAID = 74000.40C
W - NAT
From WOLD
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
3*10^-2
10^-1
10^0
10^1
10^2
10^3
10^4
3*10^-6
10^-5
10^-4
10^-3
10^-2

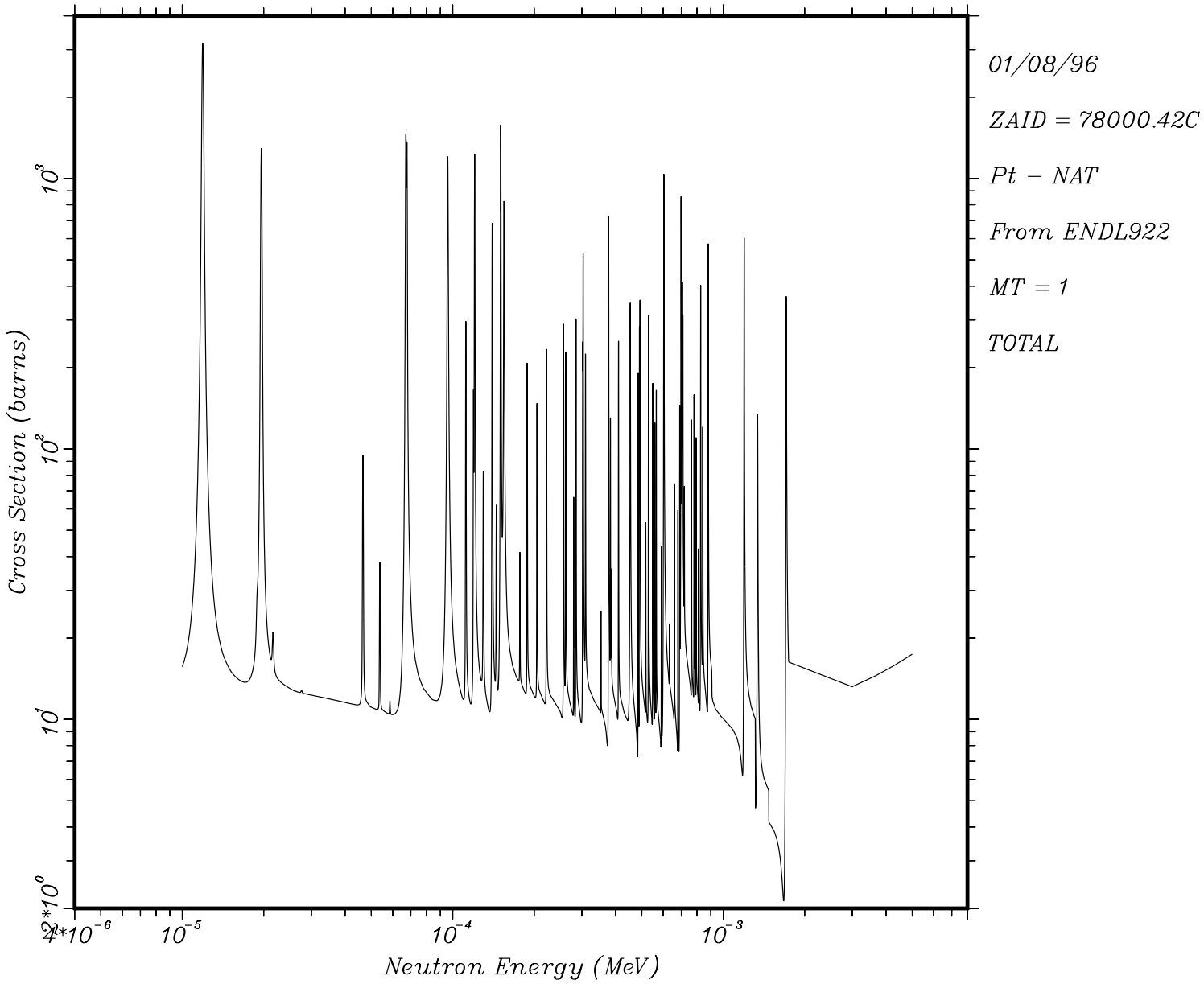

01/08/96
ZAID = 30000.40C
Zn - NAT
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
5*10^-4
10^-3
10^-2
10^-1
5*10^-2
10^-1
10^0
10^1
10^2

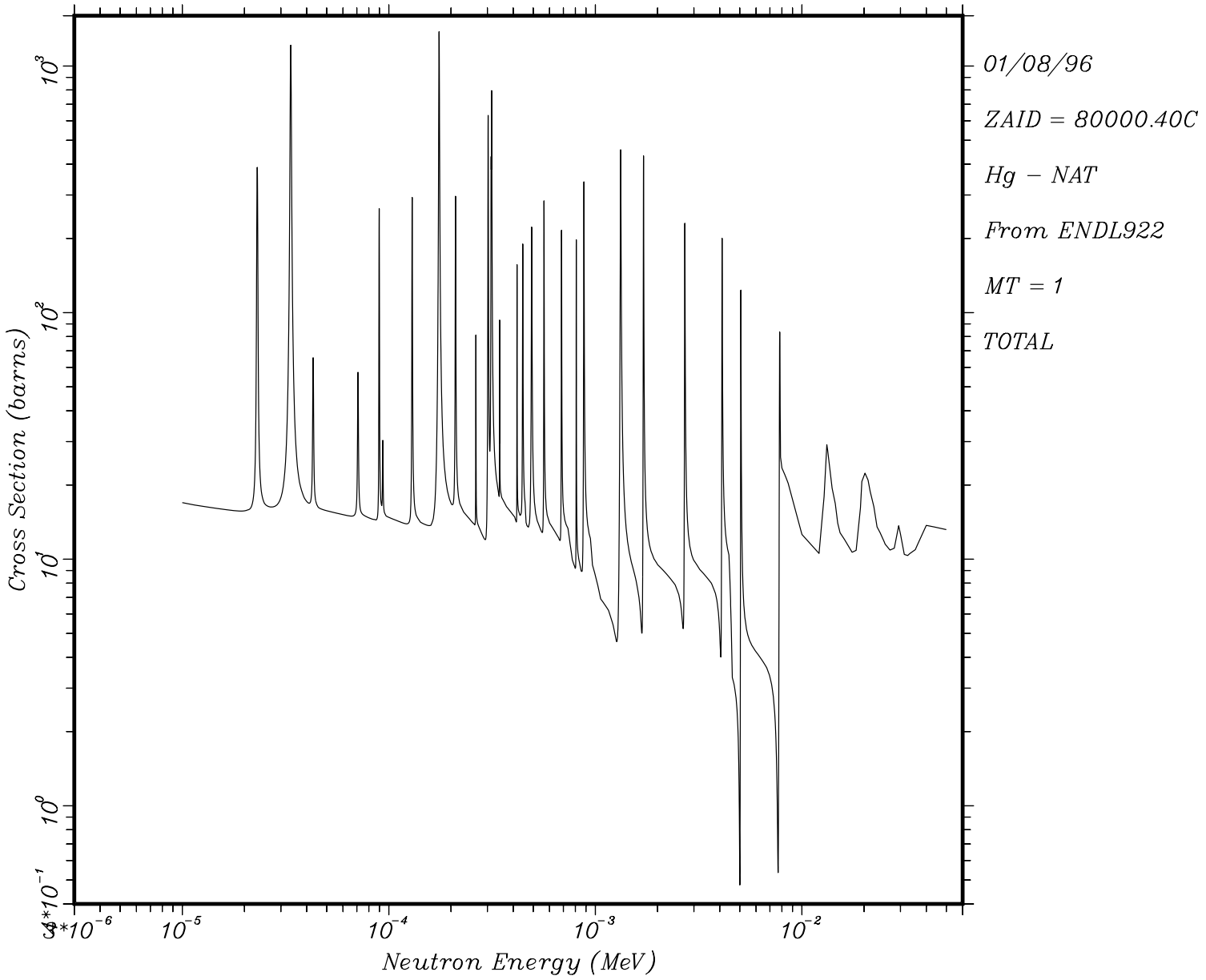

01/08/96
ZAID = 30000.42C
Zn - NAT
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
5*10^-1
10^0
10^1
10^2
5*10^-4
10^-3
10^-2
10^-1

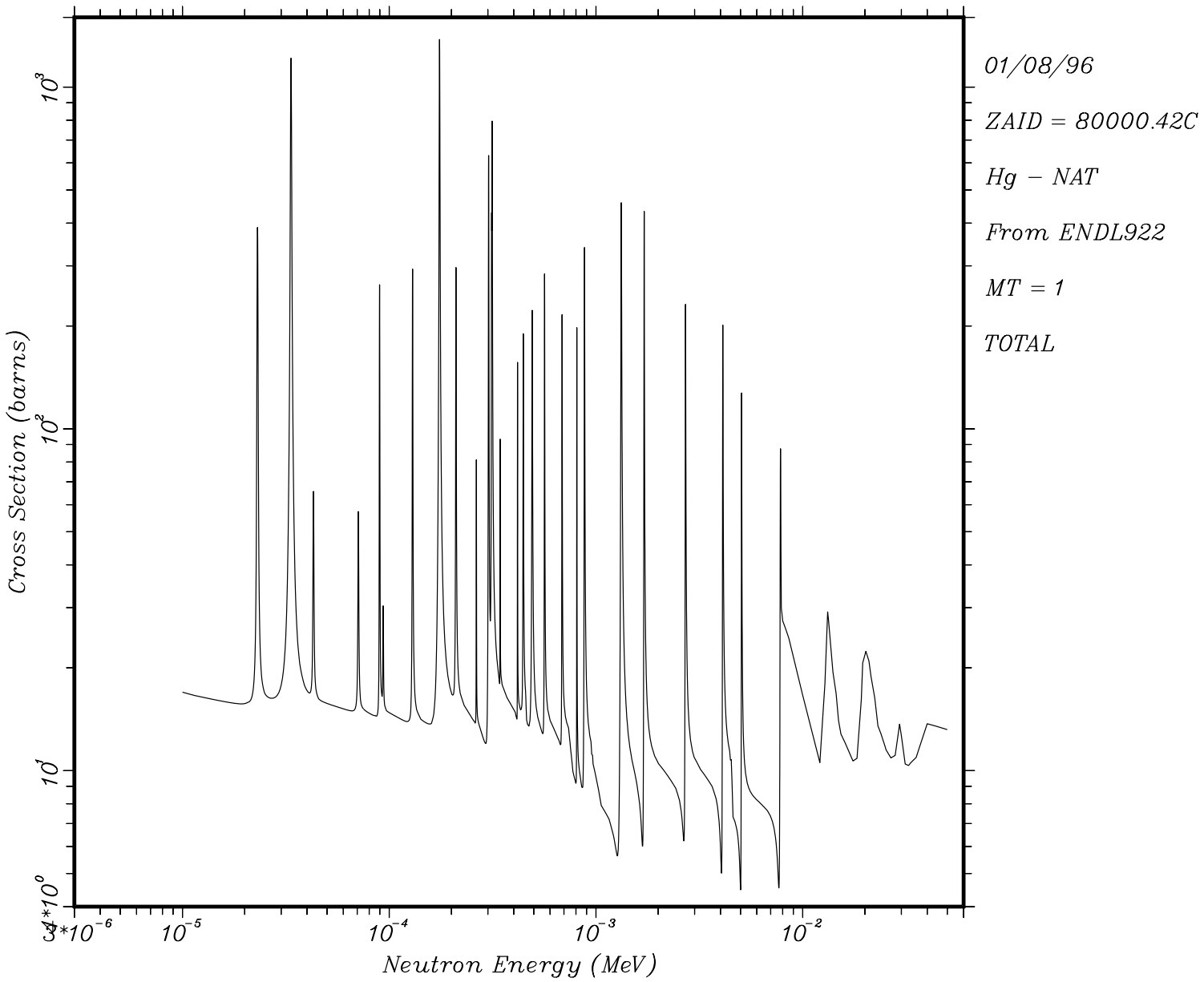

01/08/96
ZAID = 50000.40C
Sn – NAT
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
10^2
10^1
10^0
10^-1
10^-2
5*10^-3
5*10^-4
10^-3
10^-2
10^-1


01/08/96
ZAID = 50000.42C
Sn – NAT
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
10^2
10^1
10^0
5*10^-4
10^-3
10^-2
10^-1
Neutron Energy (MeV)


01/08/96
ZAID = 78000.40C
Pt – NAT
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
10^3
10^2
10^1
10^0
10^-1
4*10^-6
10^-5
10^-4
10^-3


01/08/96
ZAID = 78000.42C
Pt – NAT
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
2*10^0
10^1
10^2
10^3
4*10^-6
10^-5
10^-4
10^-3


01/08/96
ZAID = 80000.40C
Hg – NAT
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
3*10⁻⁶
10⁻⁵
10⁻⁴
10⁻³
10⁻²
10³
10²
10¹
10⁰
3*10⁻¹


01/08/96
ZAID = 80000.42C
Hg – NAT
From ENDL922
MT = 1
TOTAL
Cross Section (barns)
Neutron Energy (MeV)
3*10^-6
10^-5
10^-4
10^-3
10^-2
10^0
10^1
10^2
10^3