

Program EVALPLOT  
(Version 2018-1)

by

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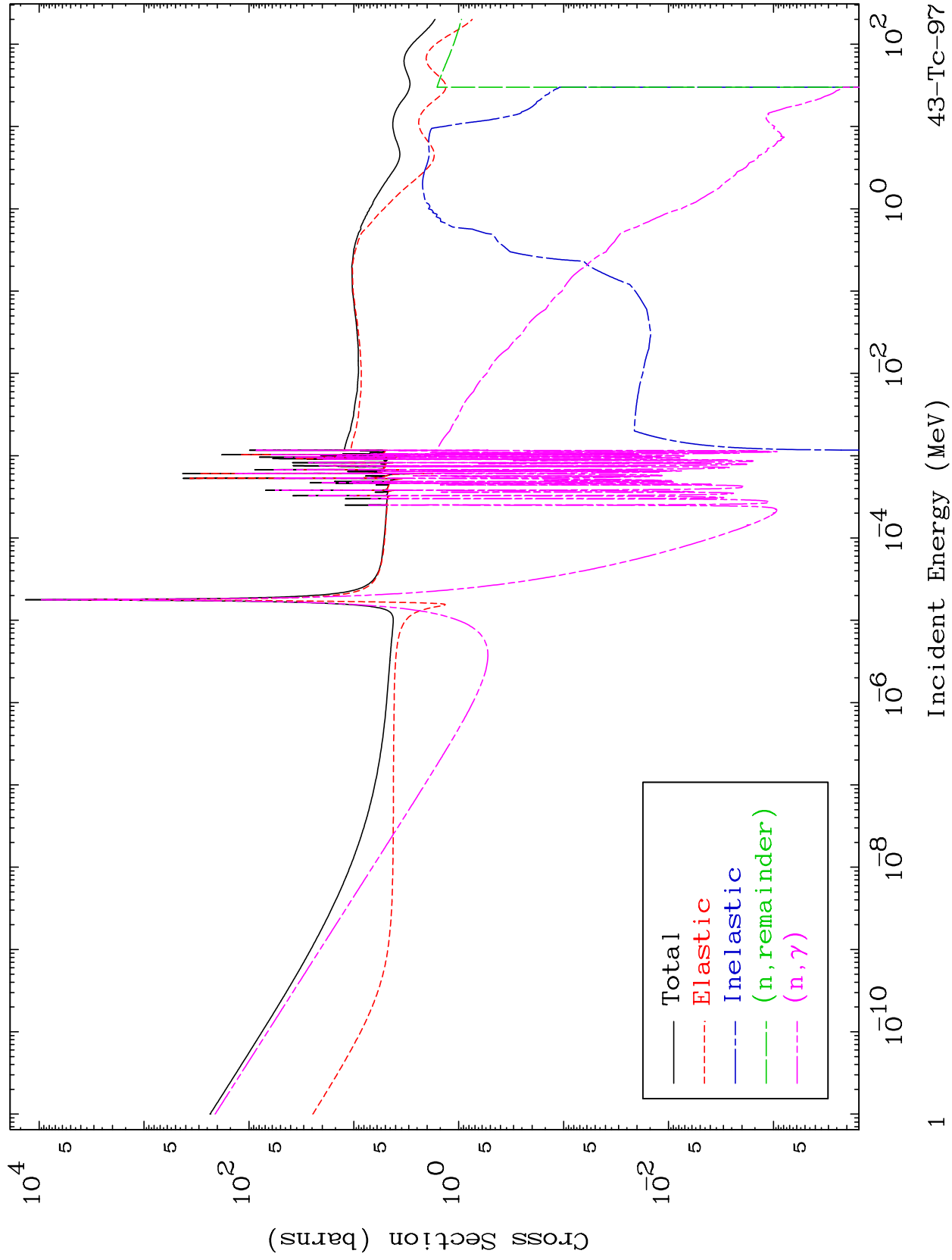
Press Mouse Button to Start

MAT 4320

Major

293 Kelvin Cross Sections

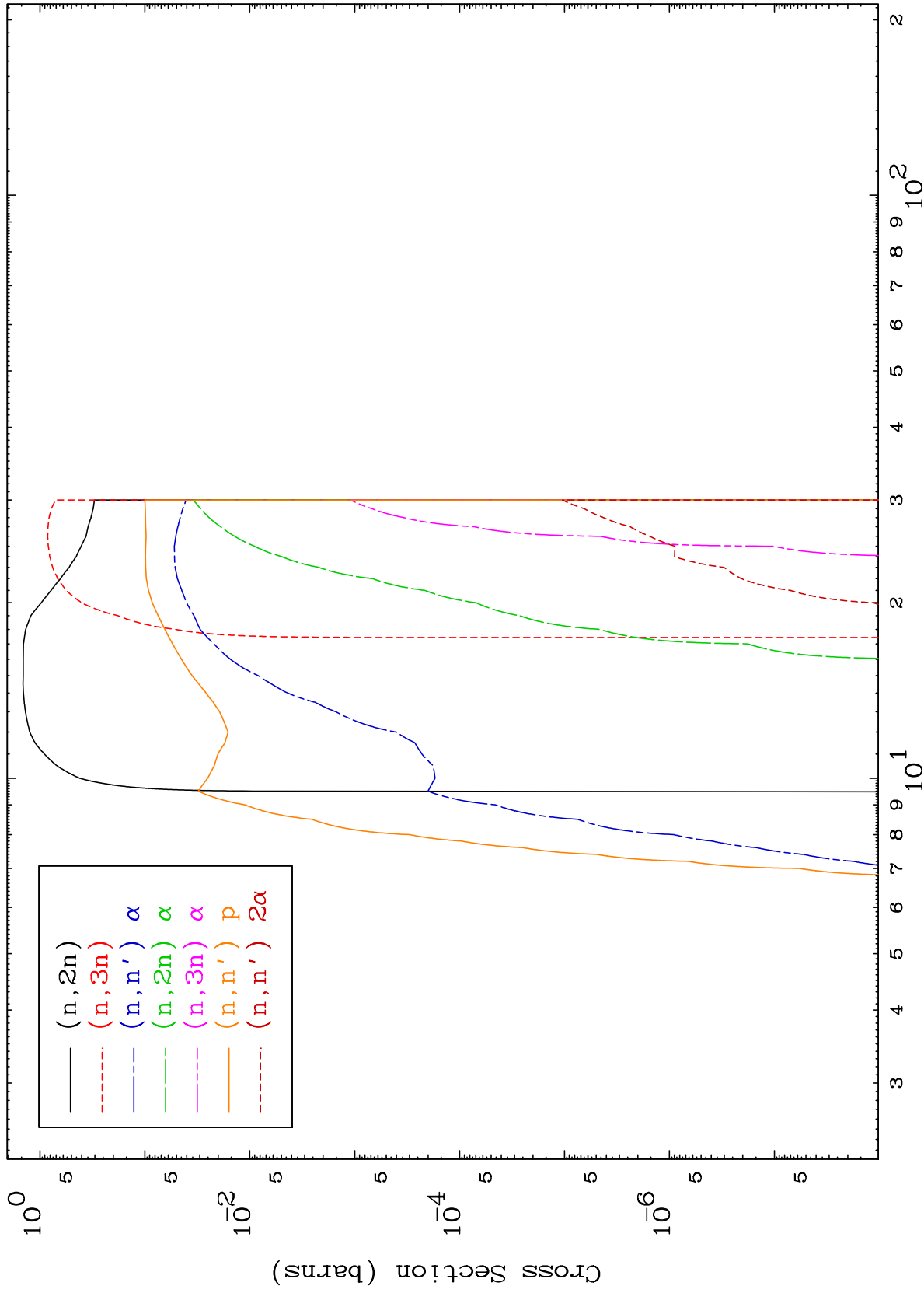
43-Tc-97



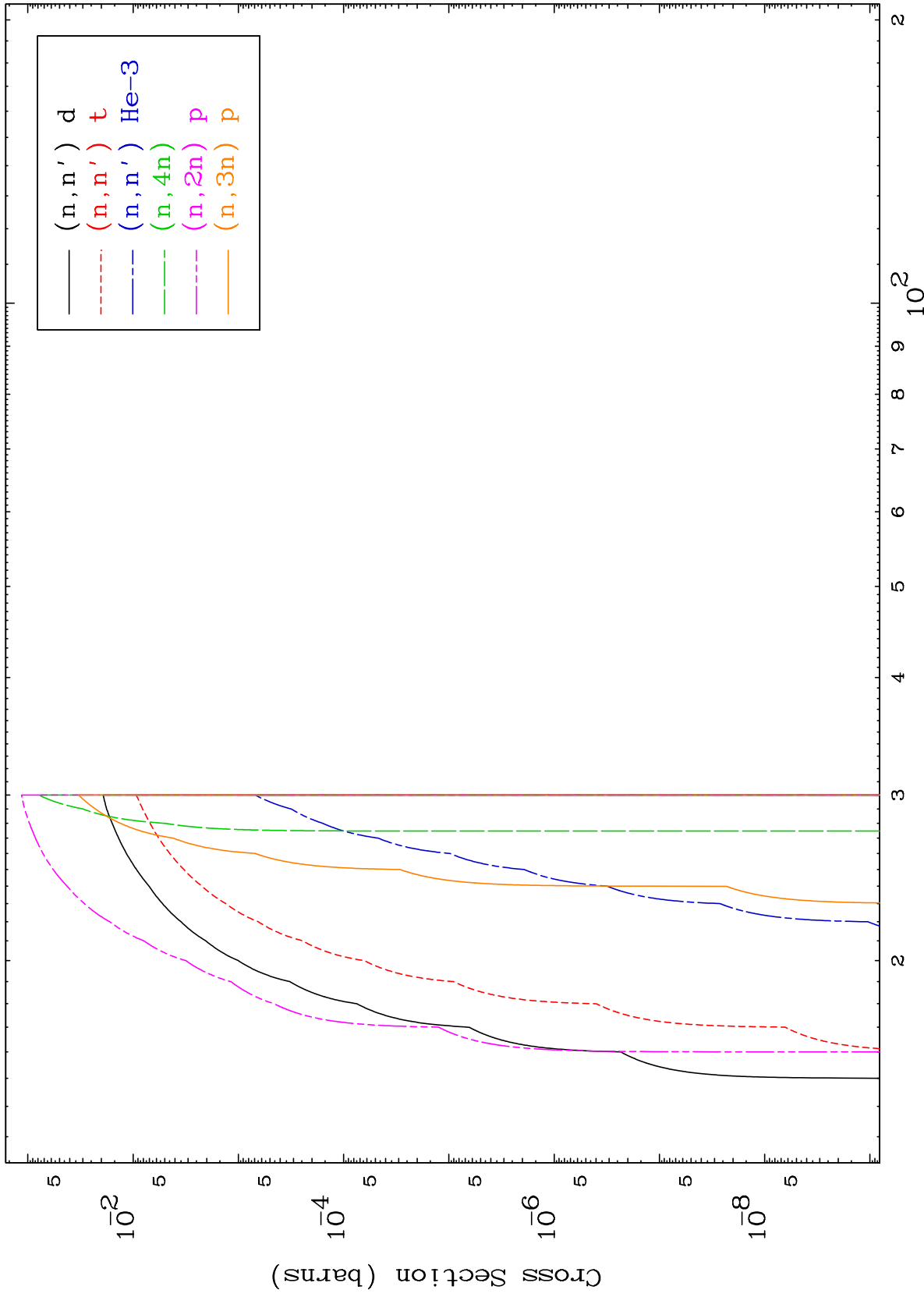
MAT 4320

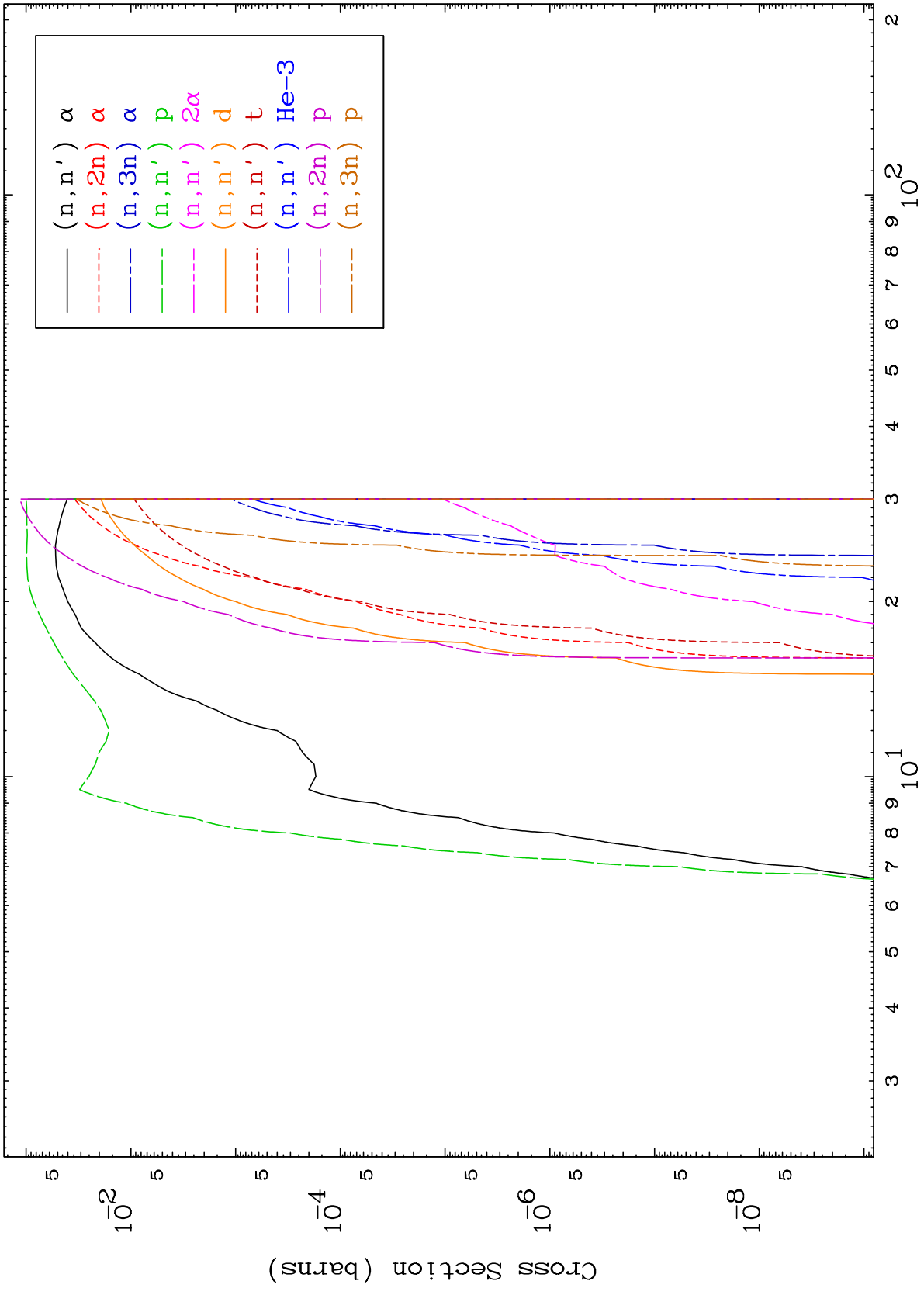
### Neutron Production 293 Kelvin Cross Sections

43-Tc-97



43-Tc-97

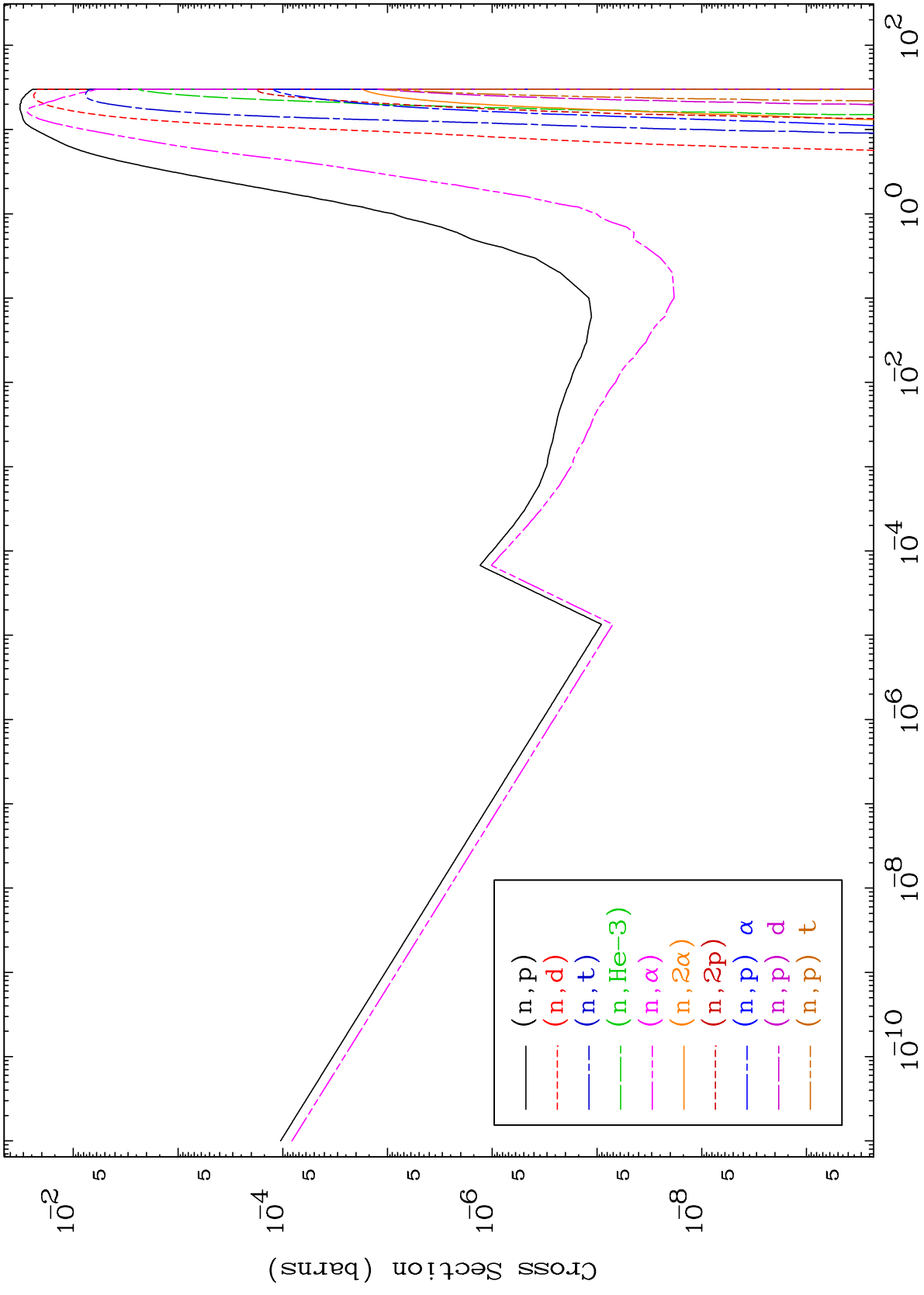




MAT 4320

Charged Particle  
293 Kelvin Cross Sections

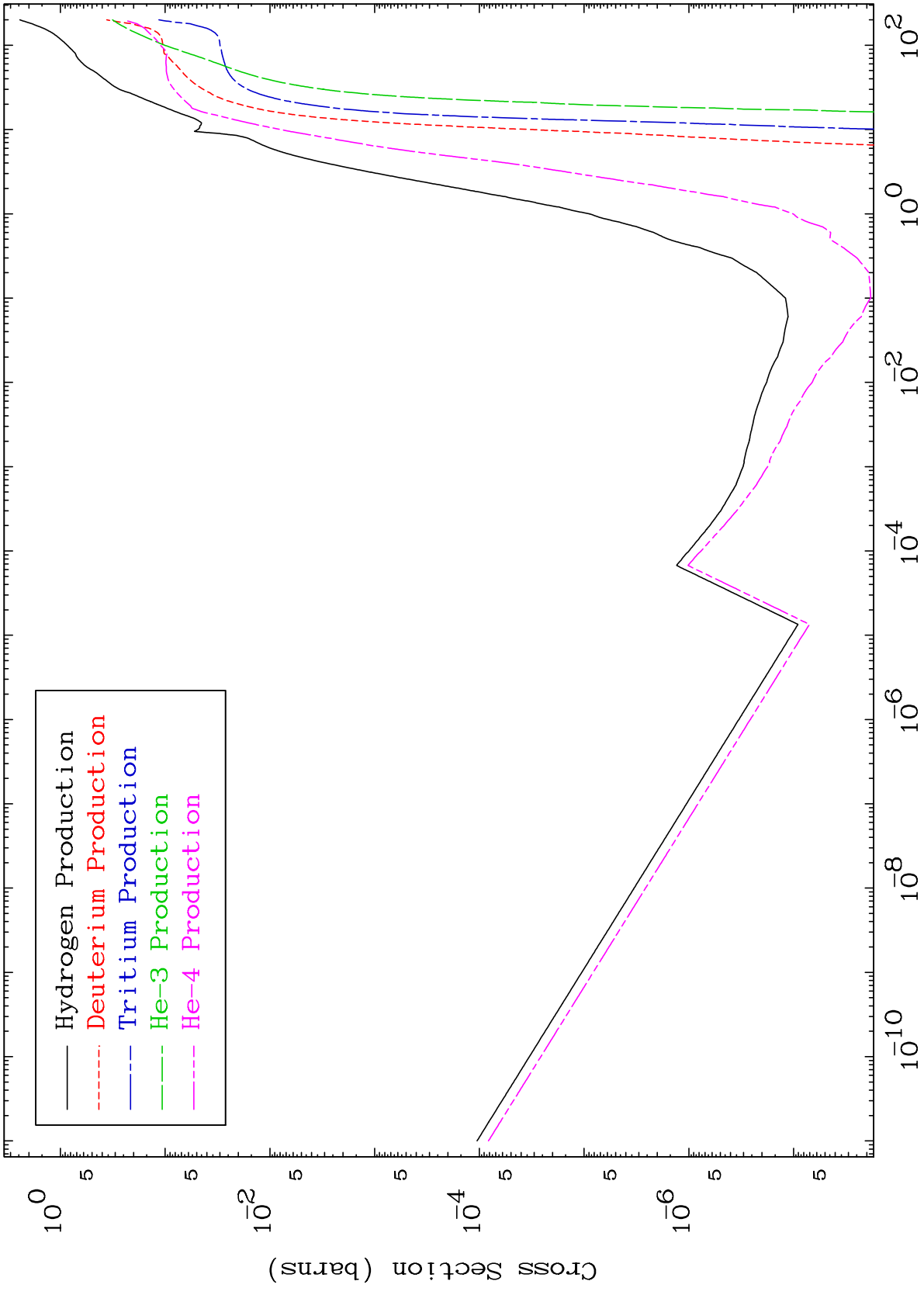
43-Tc-97



MAT 4320

Particle Production  
293 Kelvin Cross Sections

43-Tc-97

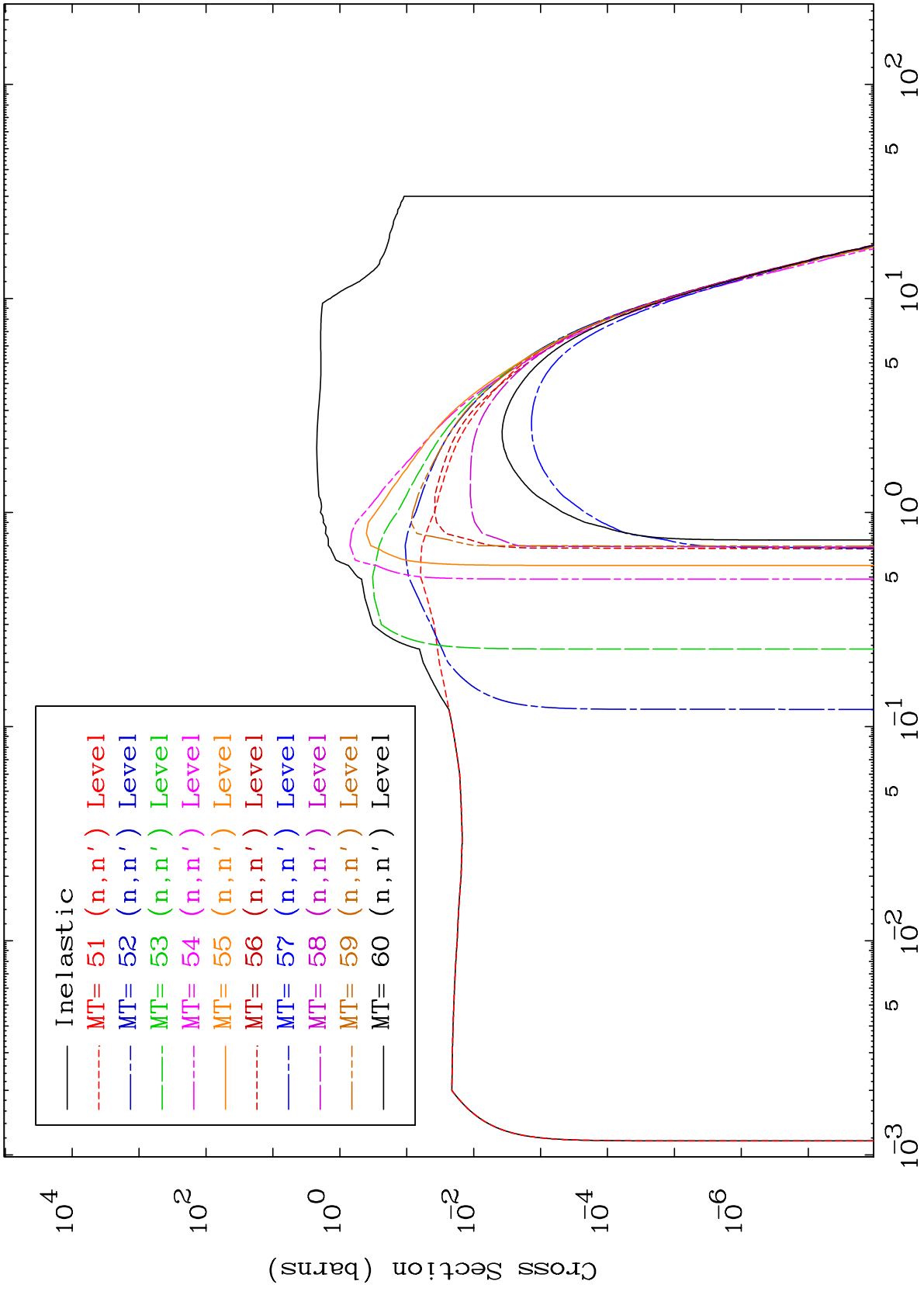


43-Tc-97

MAT 4320

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-97



7

Incident Energy (MeV)

43-Tc-97

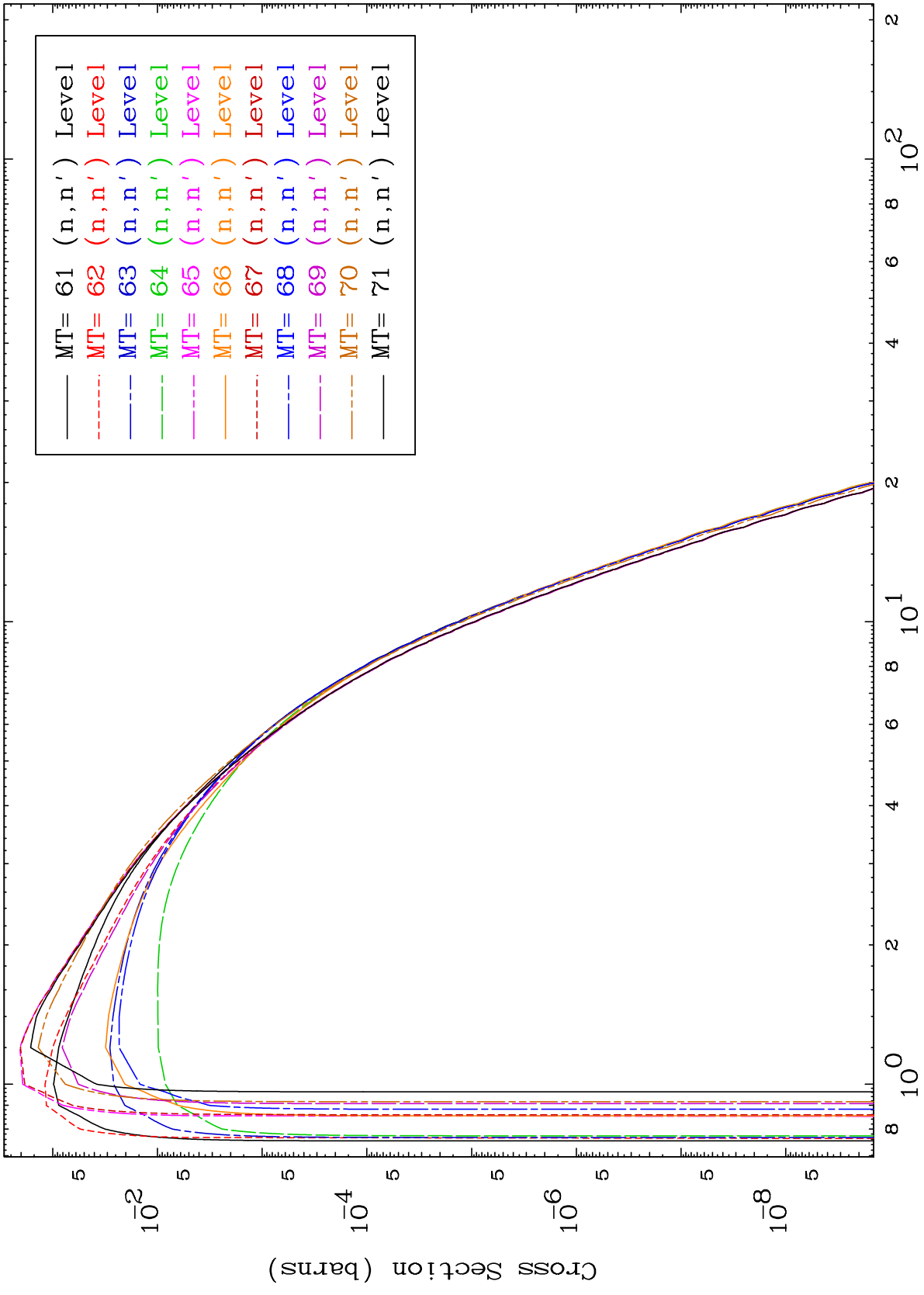


MAT 4320

(n,n') Level

43-Tc-97

293 Kelvin Cross Sections



8

Incident Energy (MeV)

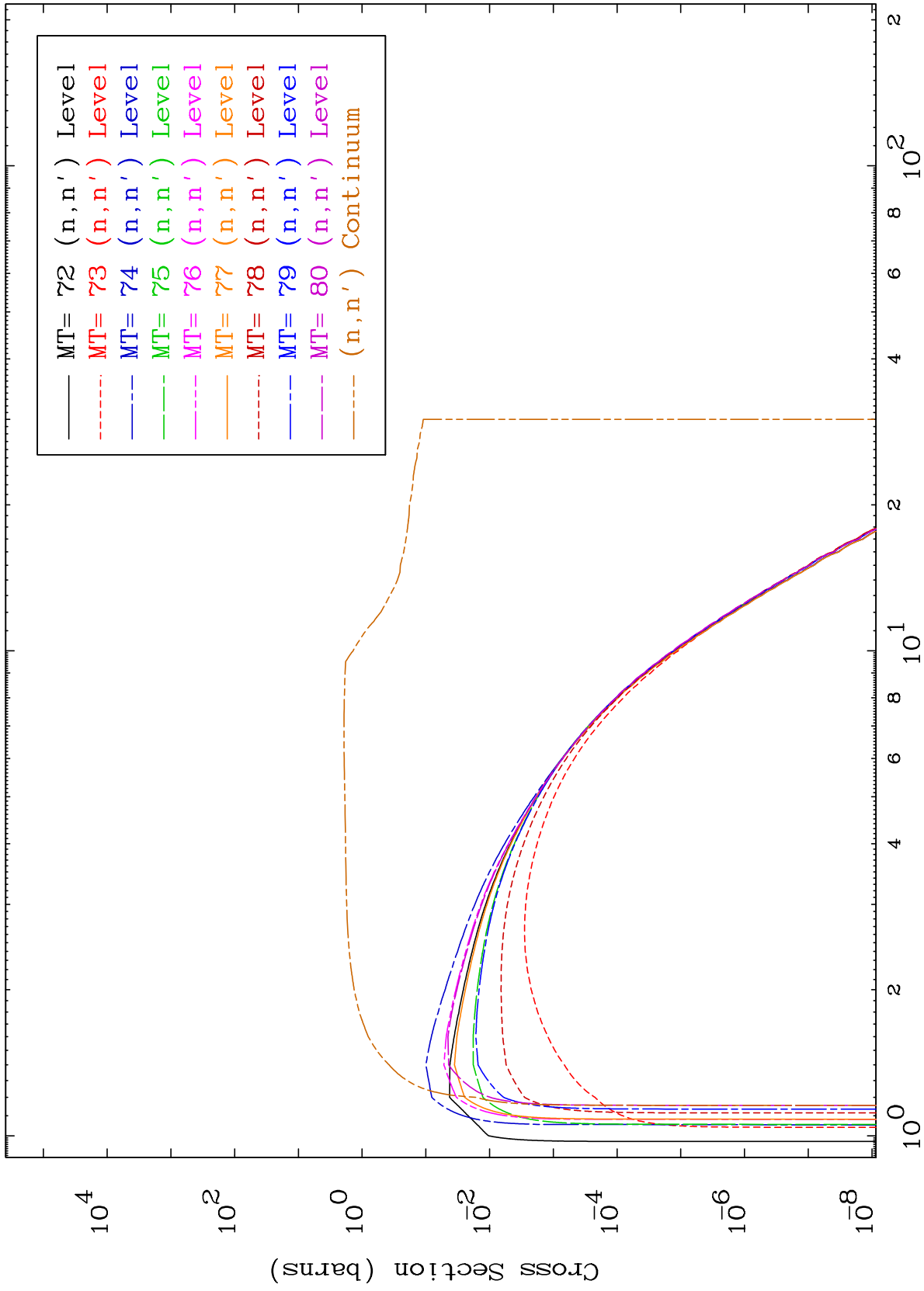
43-Tc-97

MAT 4320

(n,n') Level

43-Tc-97

293 Kelvin Cross Sections



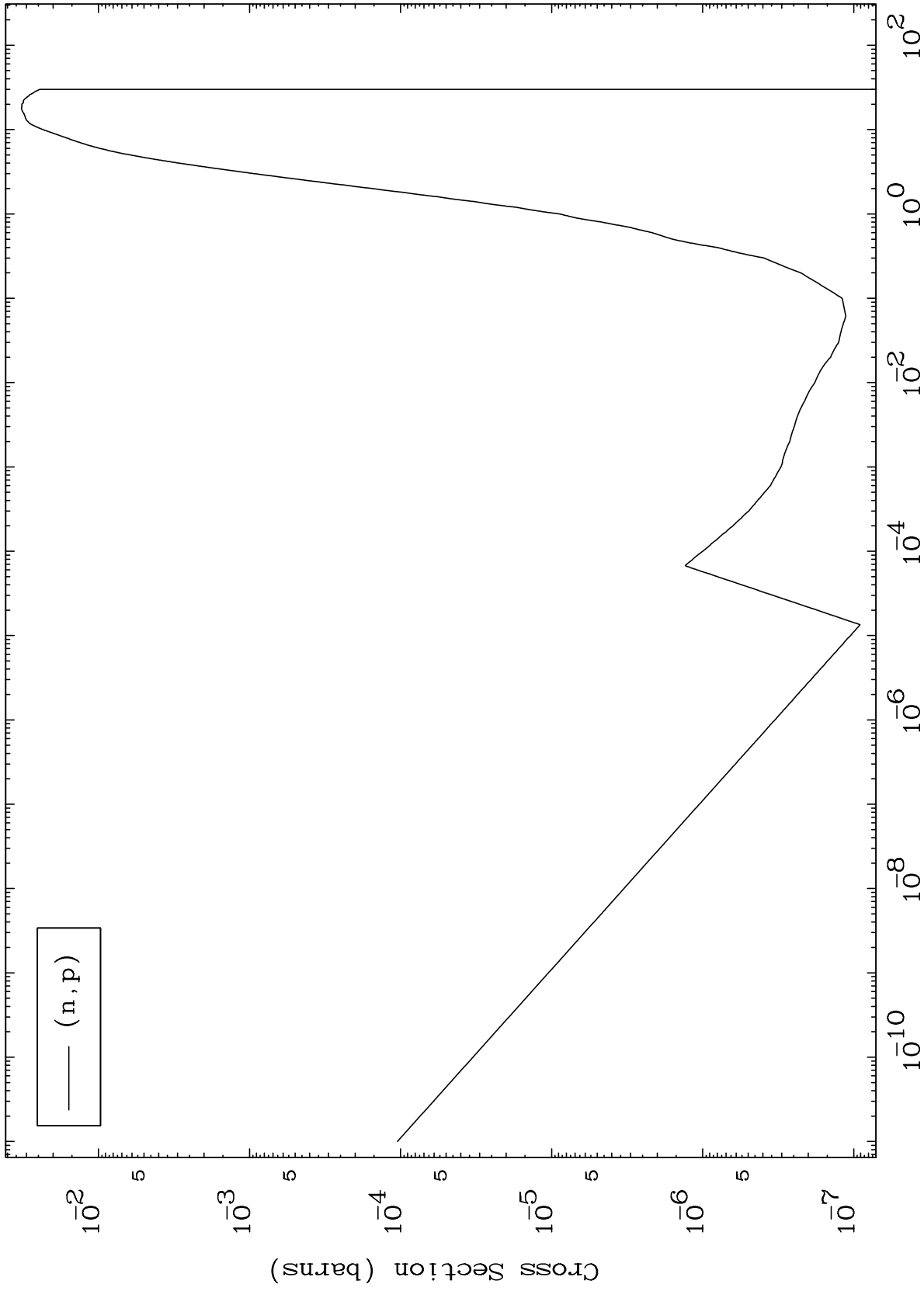
Incident Energy (MeV)

43-Tc-97

MAT 4320

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-97



10

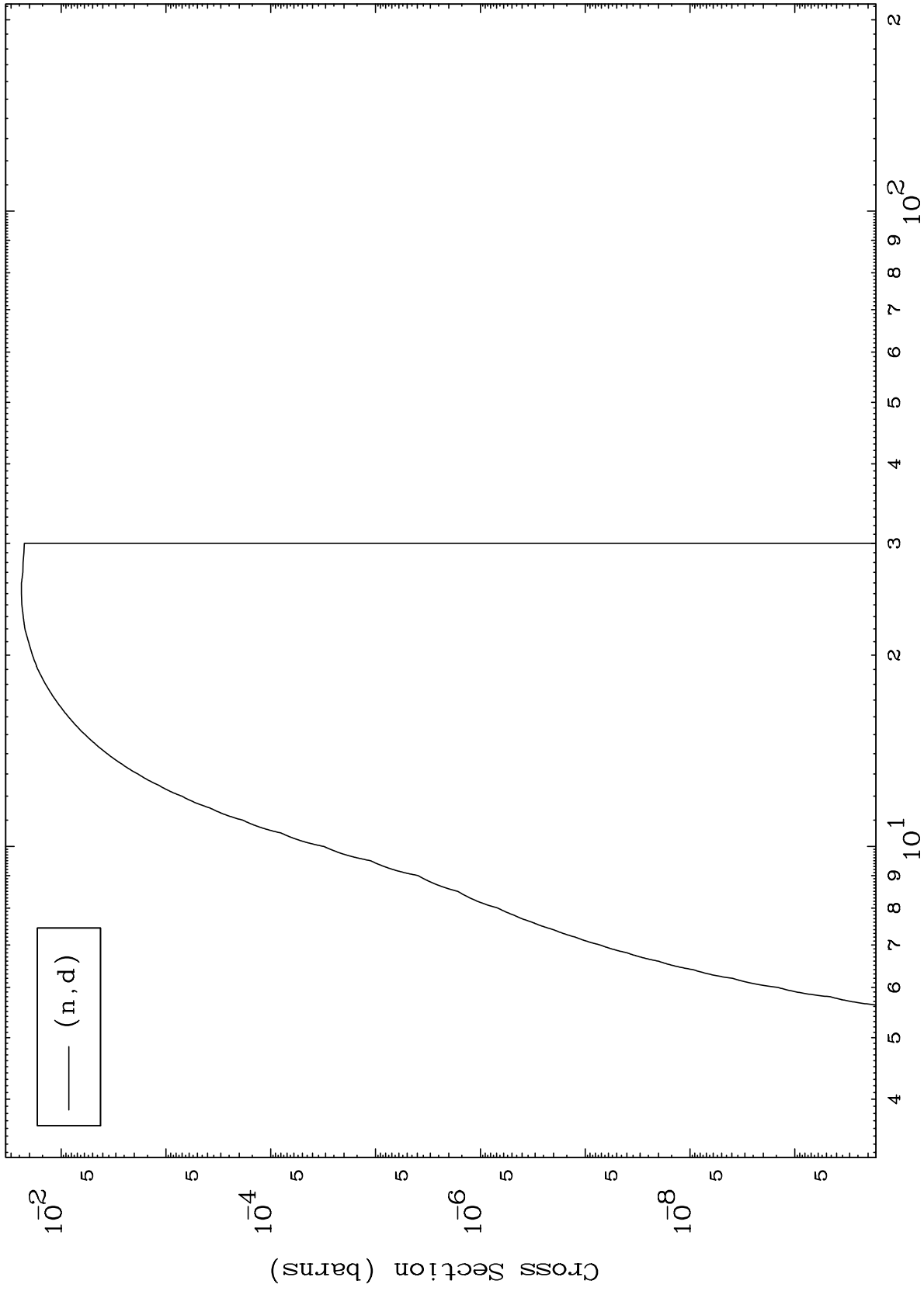
Incident Energy (MeV)

43-Tc-97

MAT 4320

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-97



11

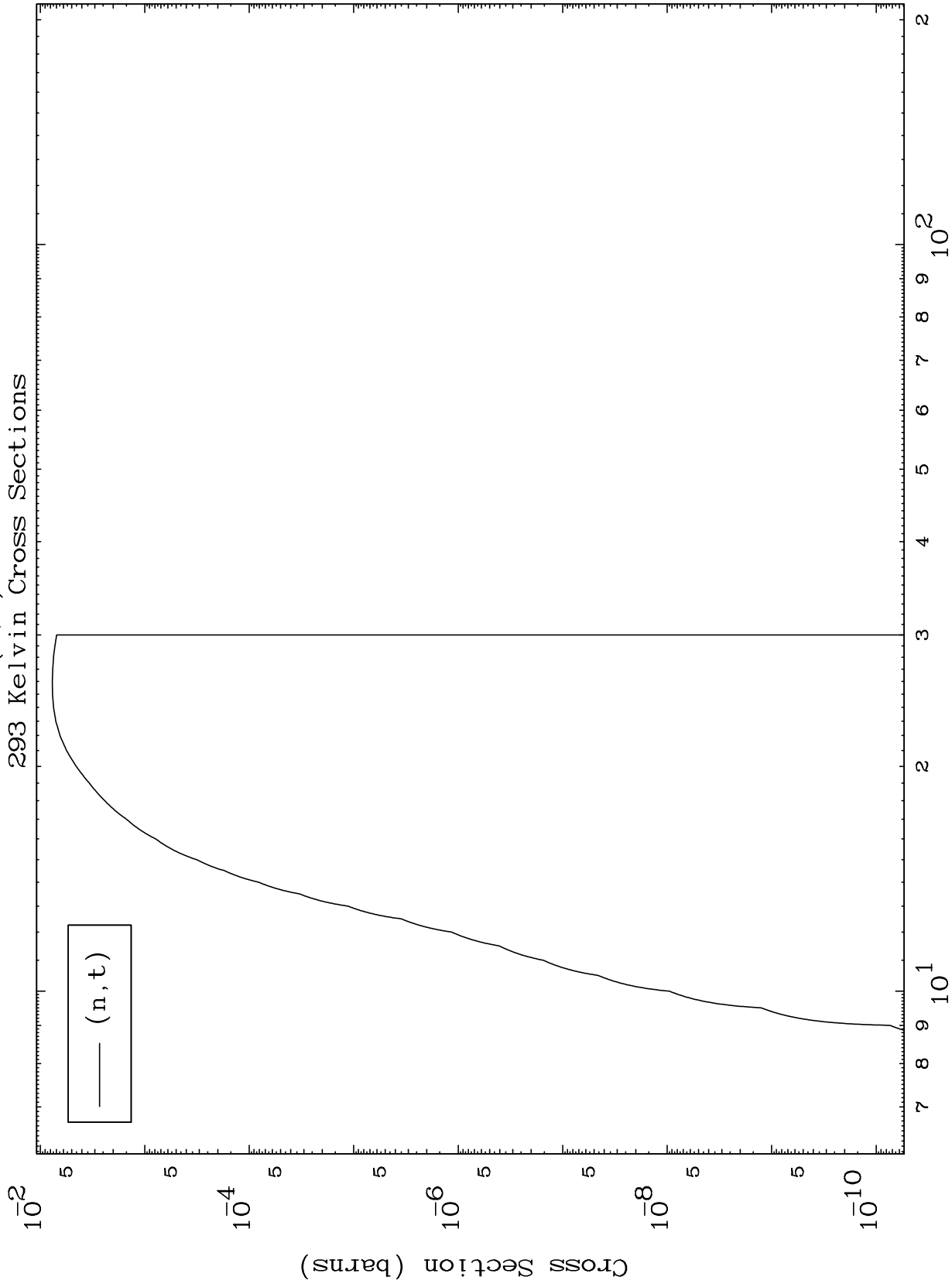
Incident Energy (MeV)

43-Tc-97

MAT 4320

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-97



12

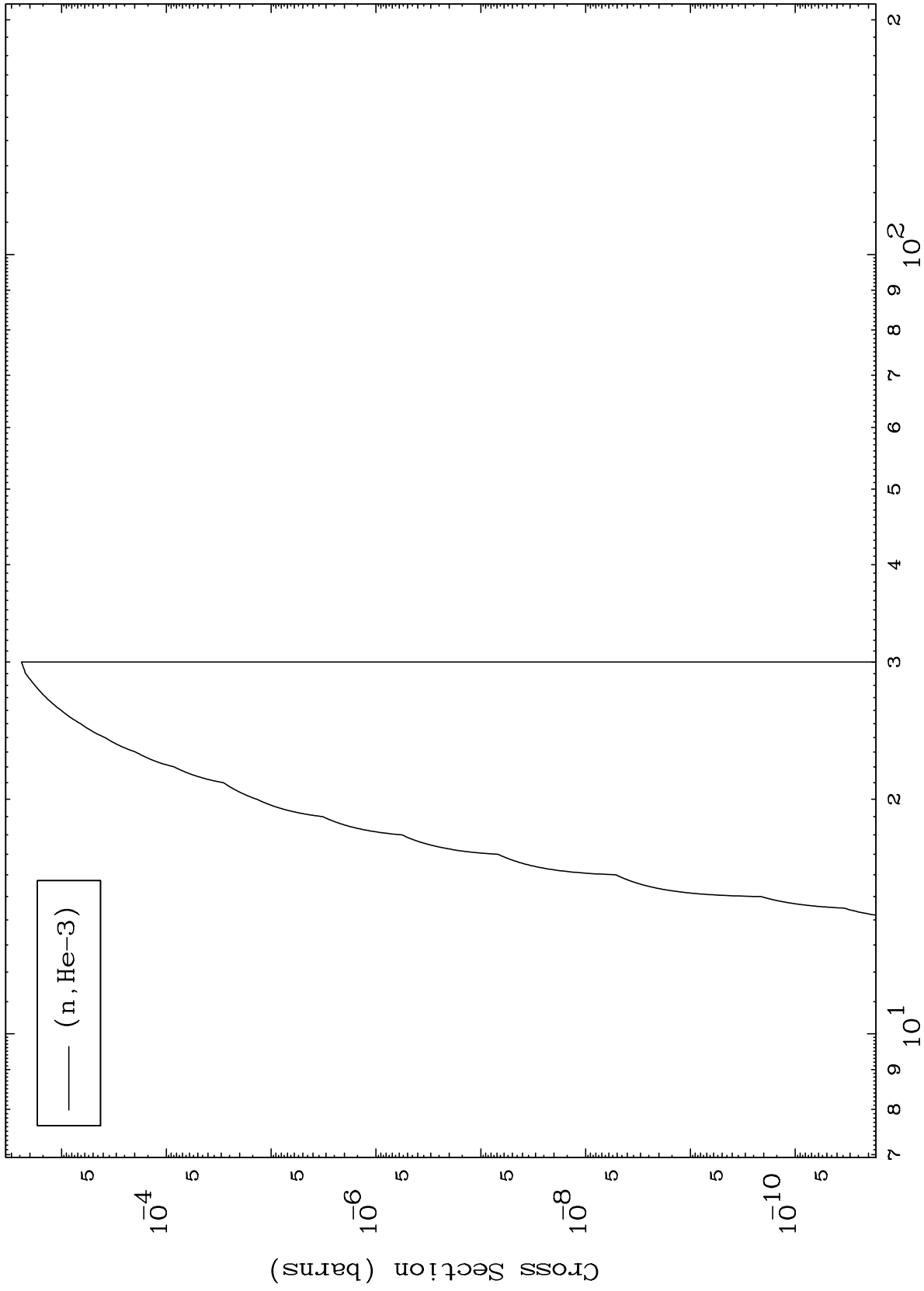
Incident Energy (MeV)

43-Tc-97

MAT 4320

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-97



13

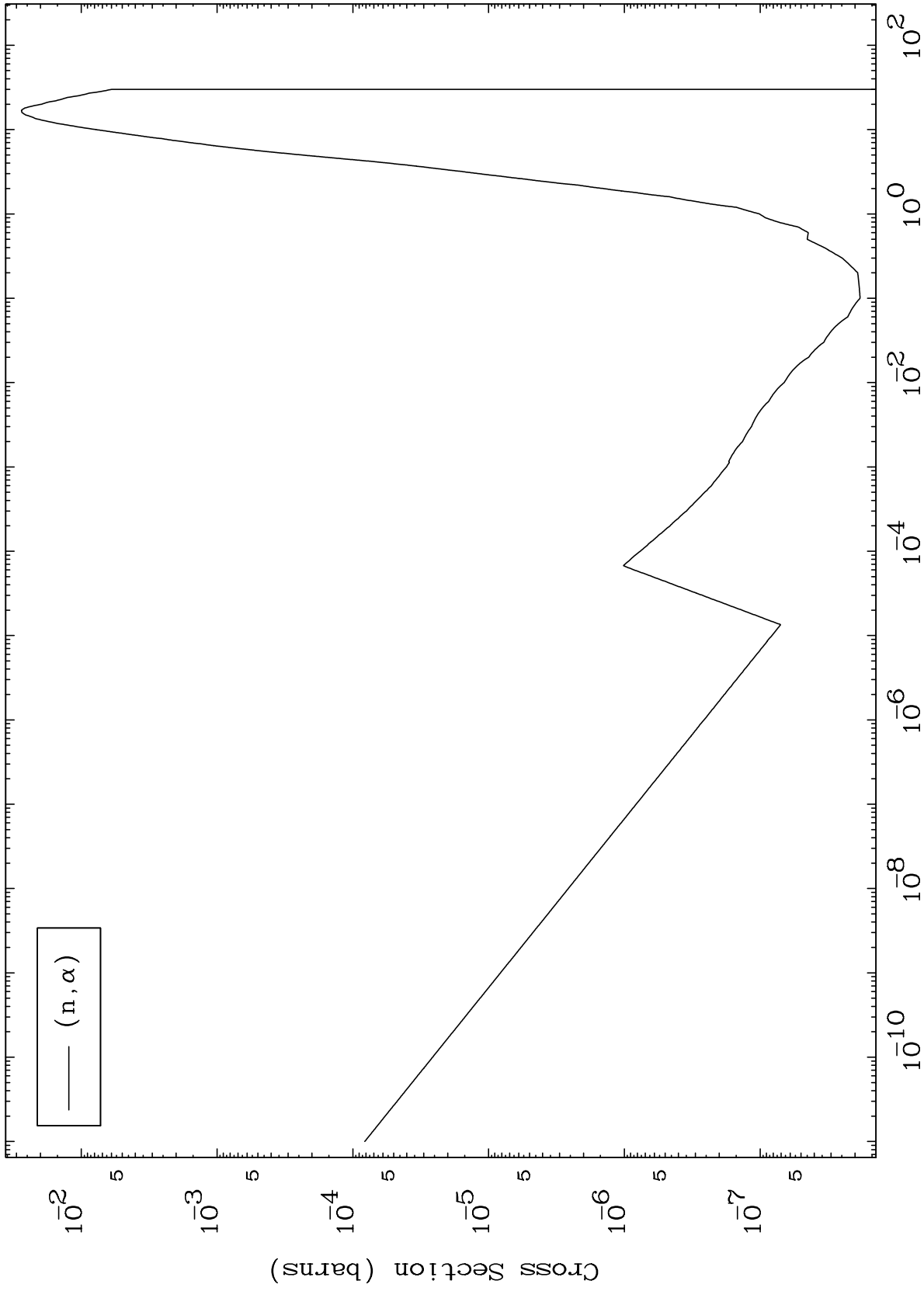
Incident Energy (MeV)

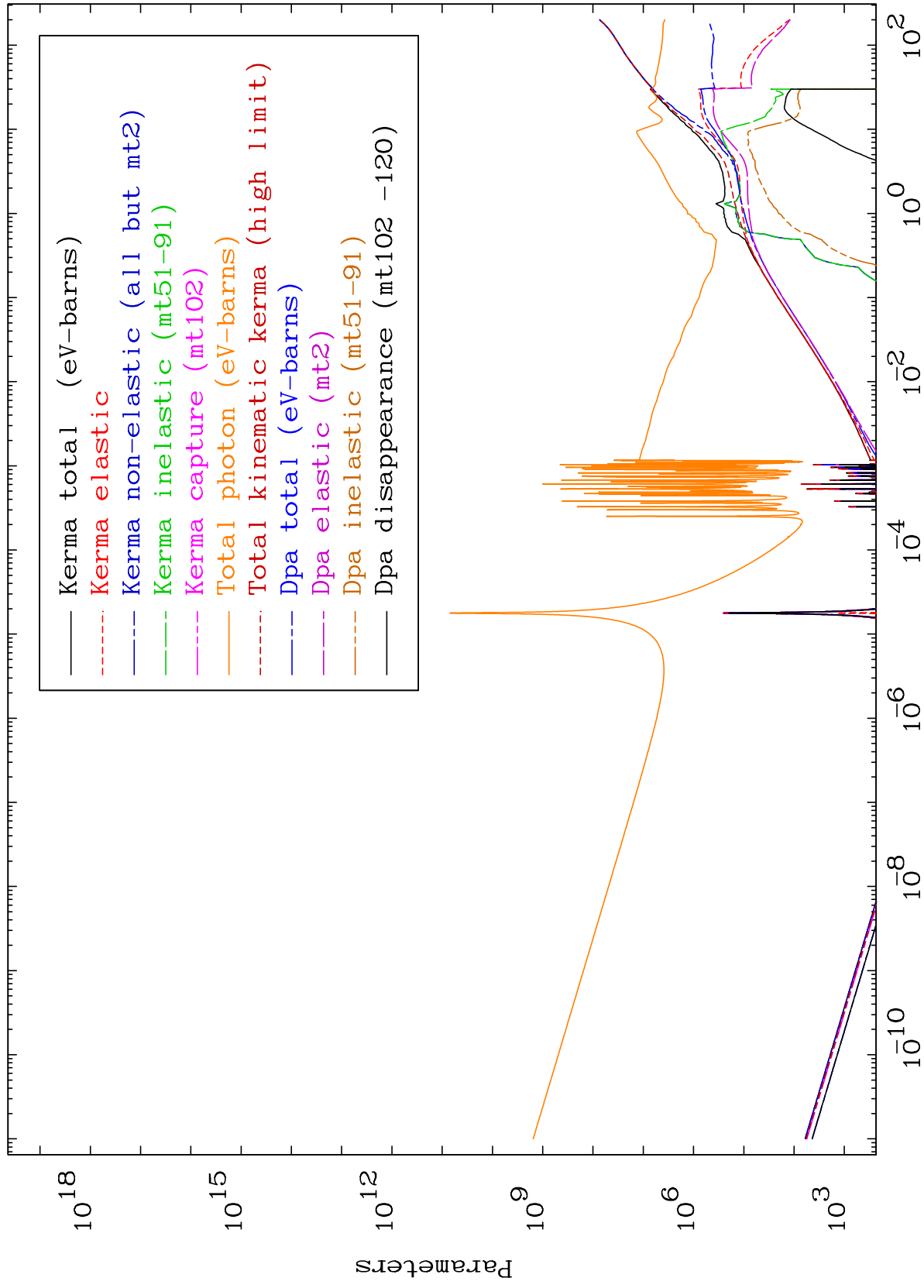
43-Tc-97

MAT 4320

(n,α) Levels  
293 Kelvin Cross Sections

43-Tc-97



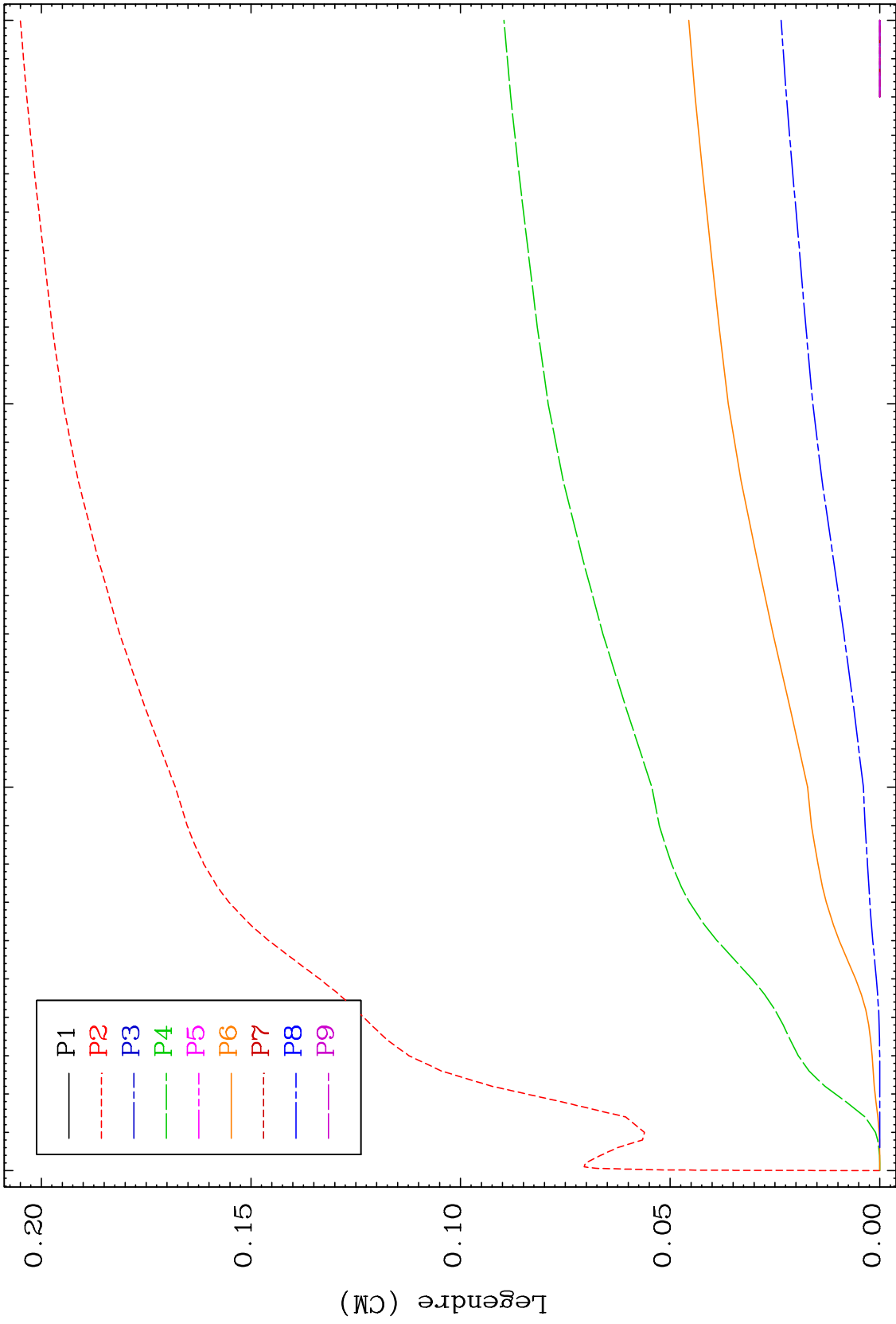




MAT 4320

Elastic Legendre Coefficients

43-Tc-97



43-Tc-97

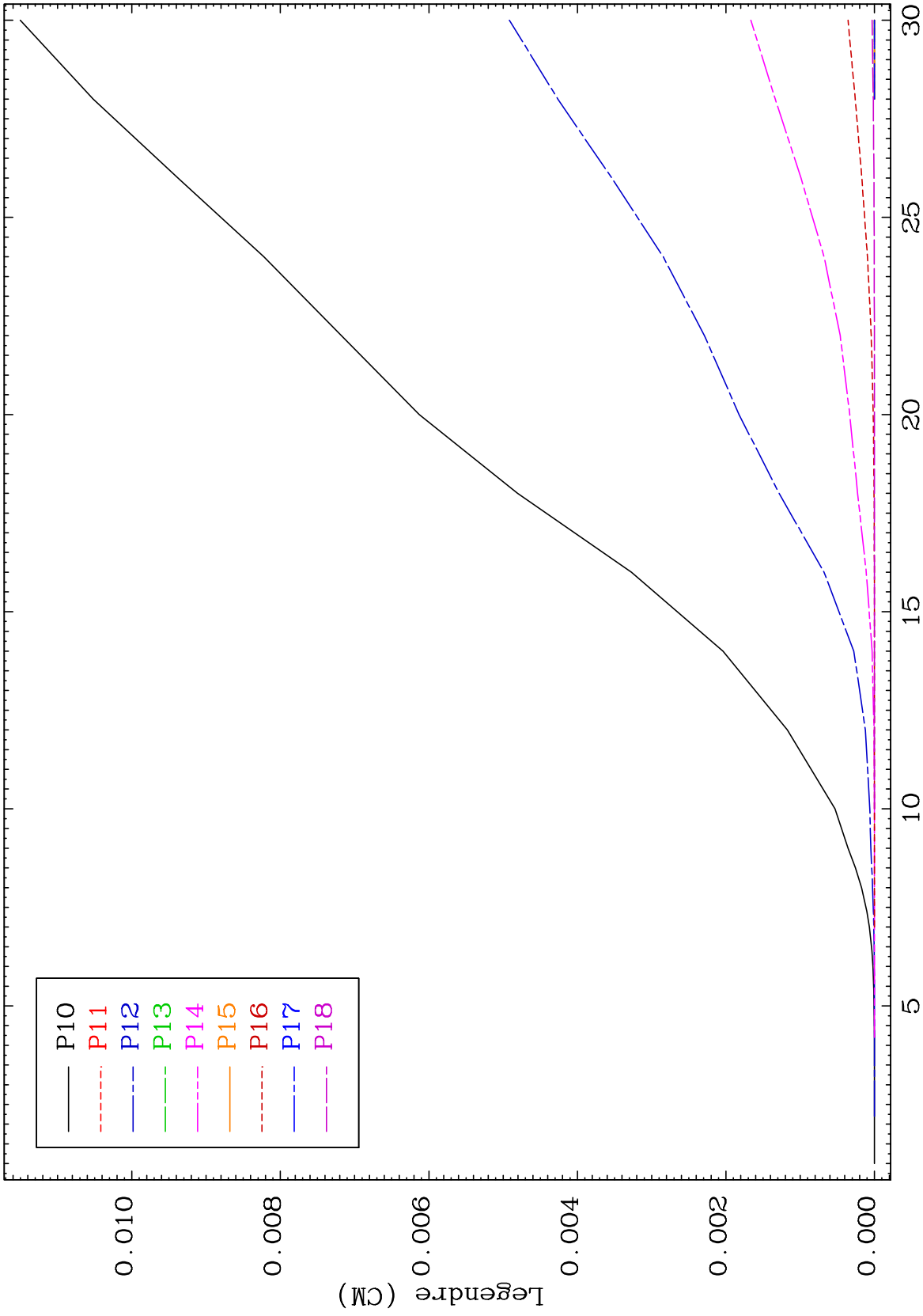
Incident Energy (MeV)

16

MAT 4320

Elastic Legendre Coefficients

43-Tc-97



17

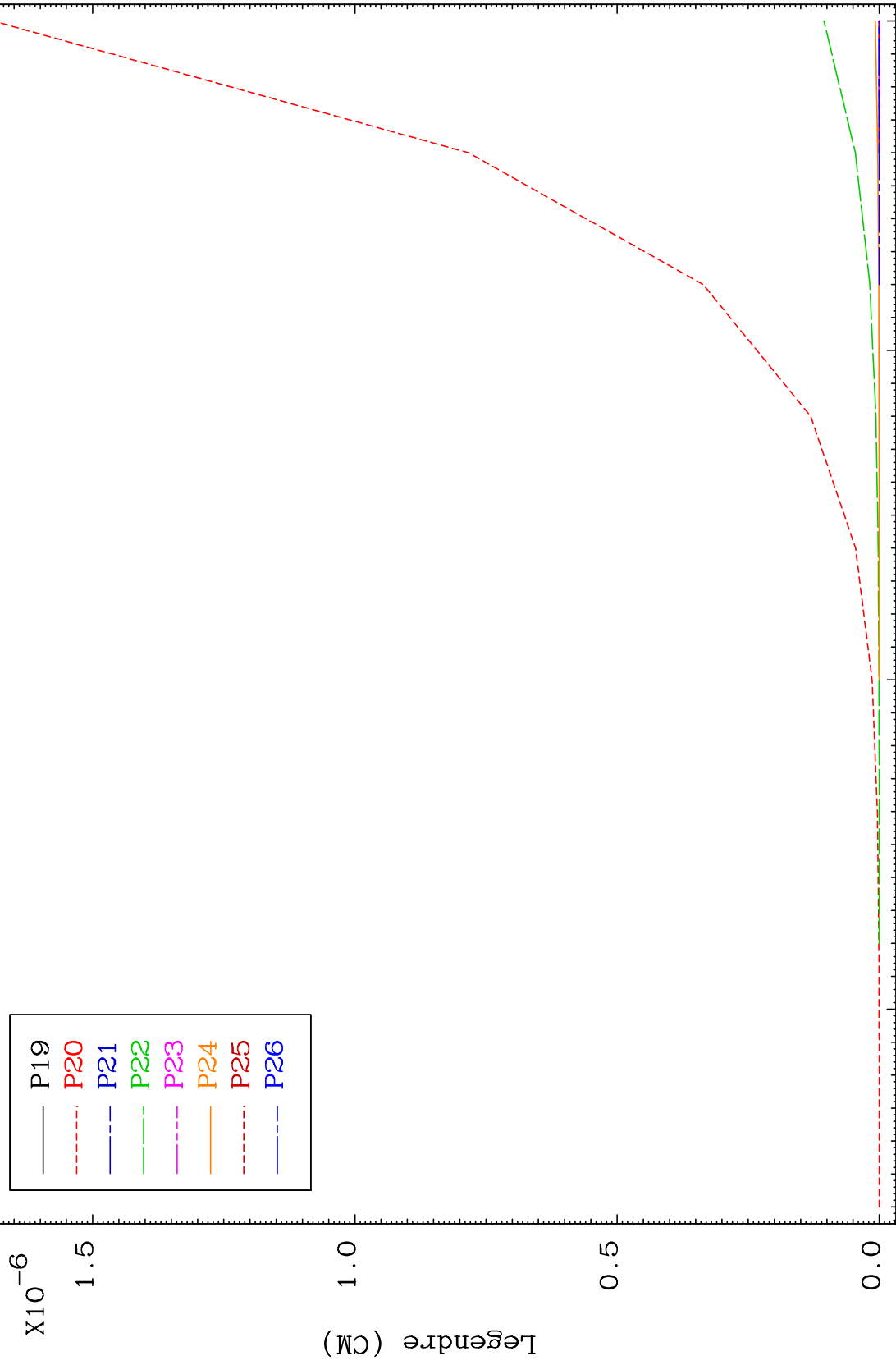
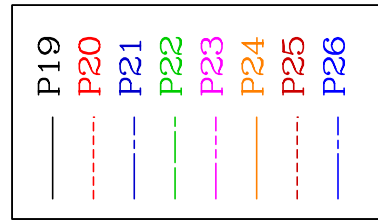
Incident Energy (MeV)

43-Tc-97

MAT 4320

### Elastic Legendre Coefficients

43-Tc-97



18

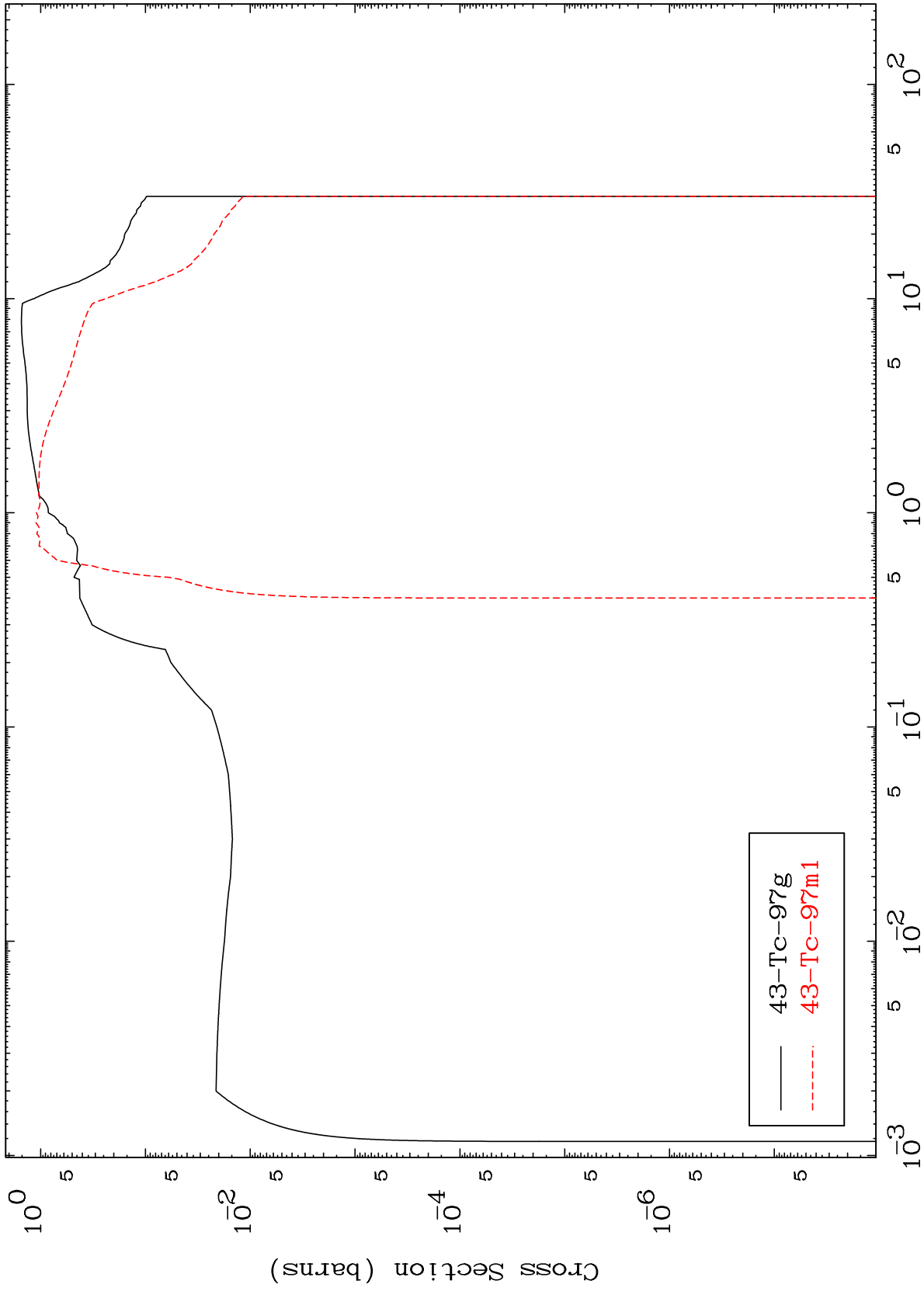
Incident Energy (MeV)

43-Tc-97

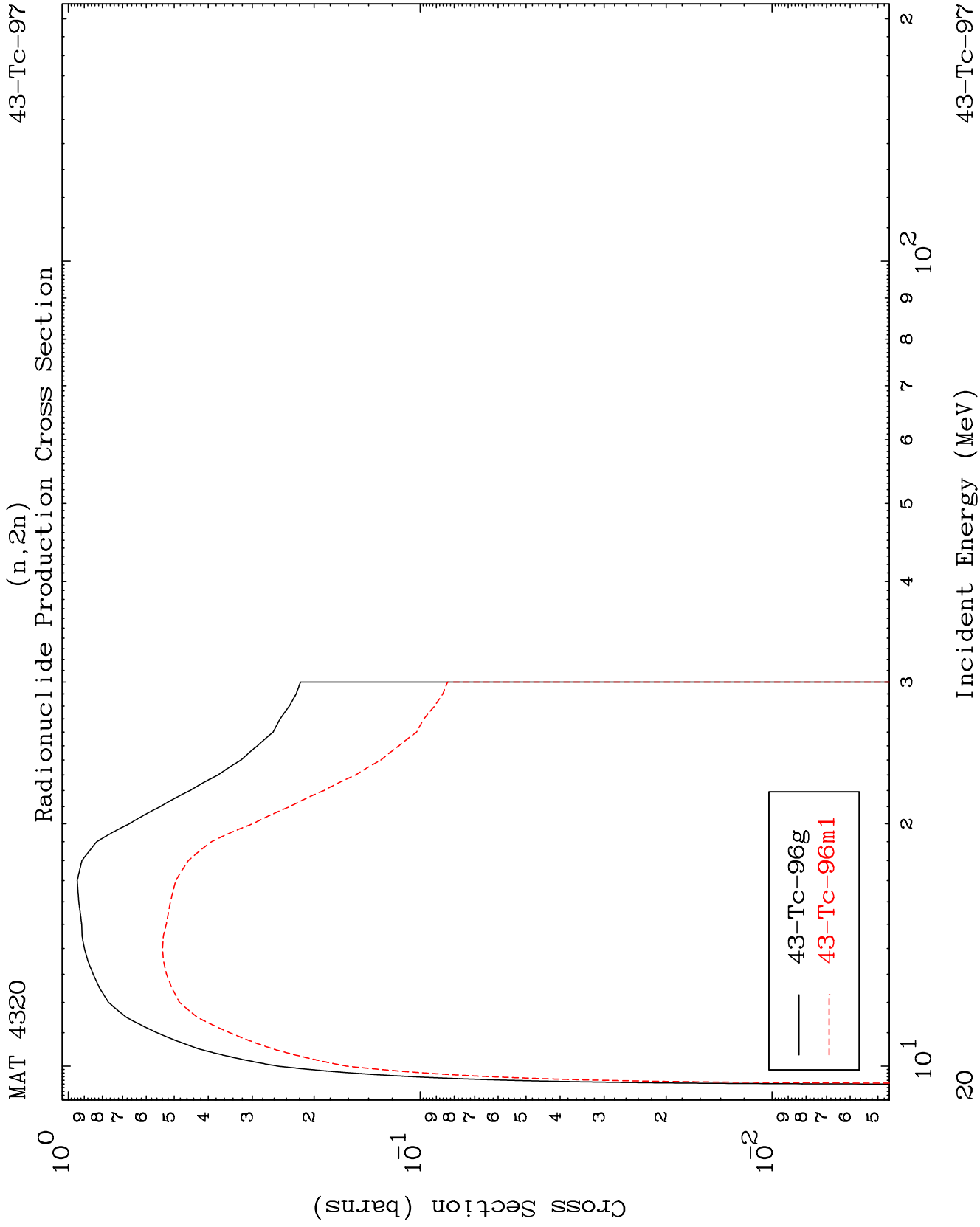
MAT 4320

43-Tc-97

### Inelastic Radionuclide Production Cross Section



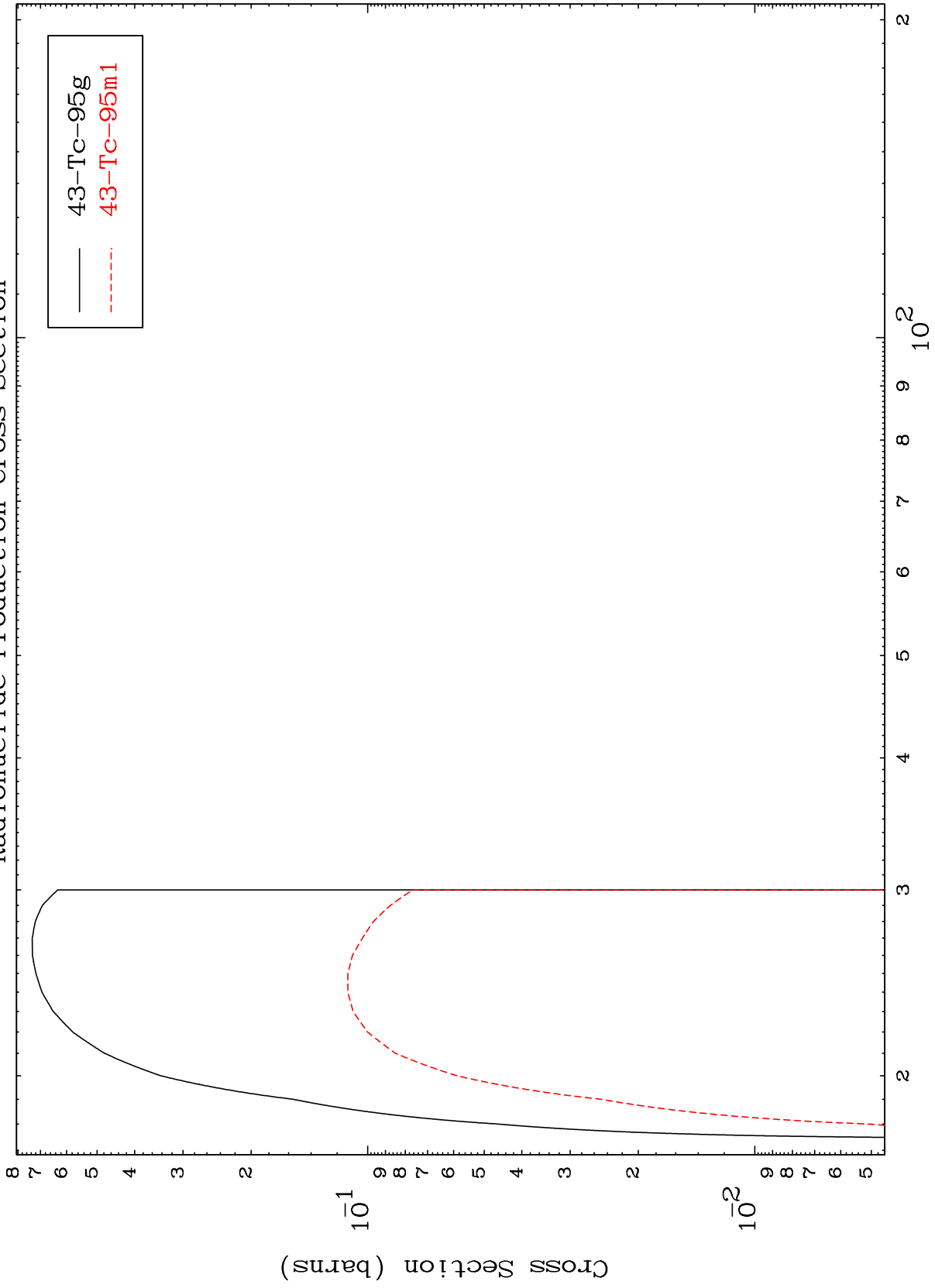
— 43-Tc-97g  
- - - 43-Tc-97m1



MAT 4320

43-Tc-97

(n,3n)  
Radionuclide Production Cross Section



21

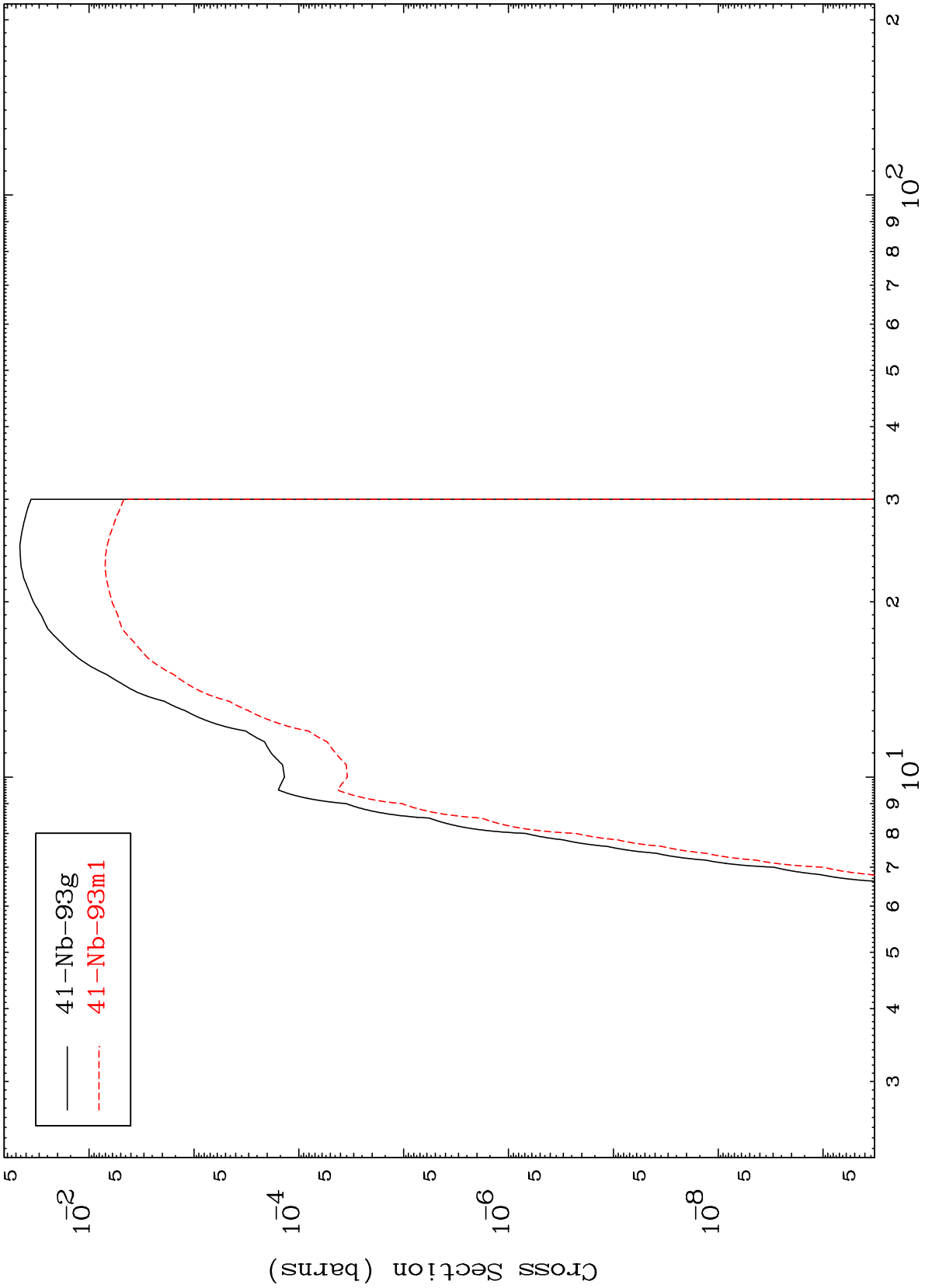
43-Tc-97

MAT 4320

(n,n')  $\alpha$

43-Tc-97

Radionuclide Production Cross Section



22

Incident Energy (MeV)

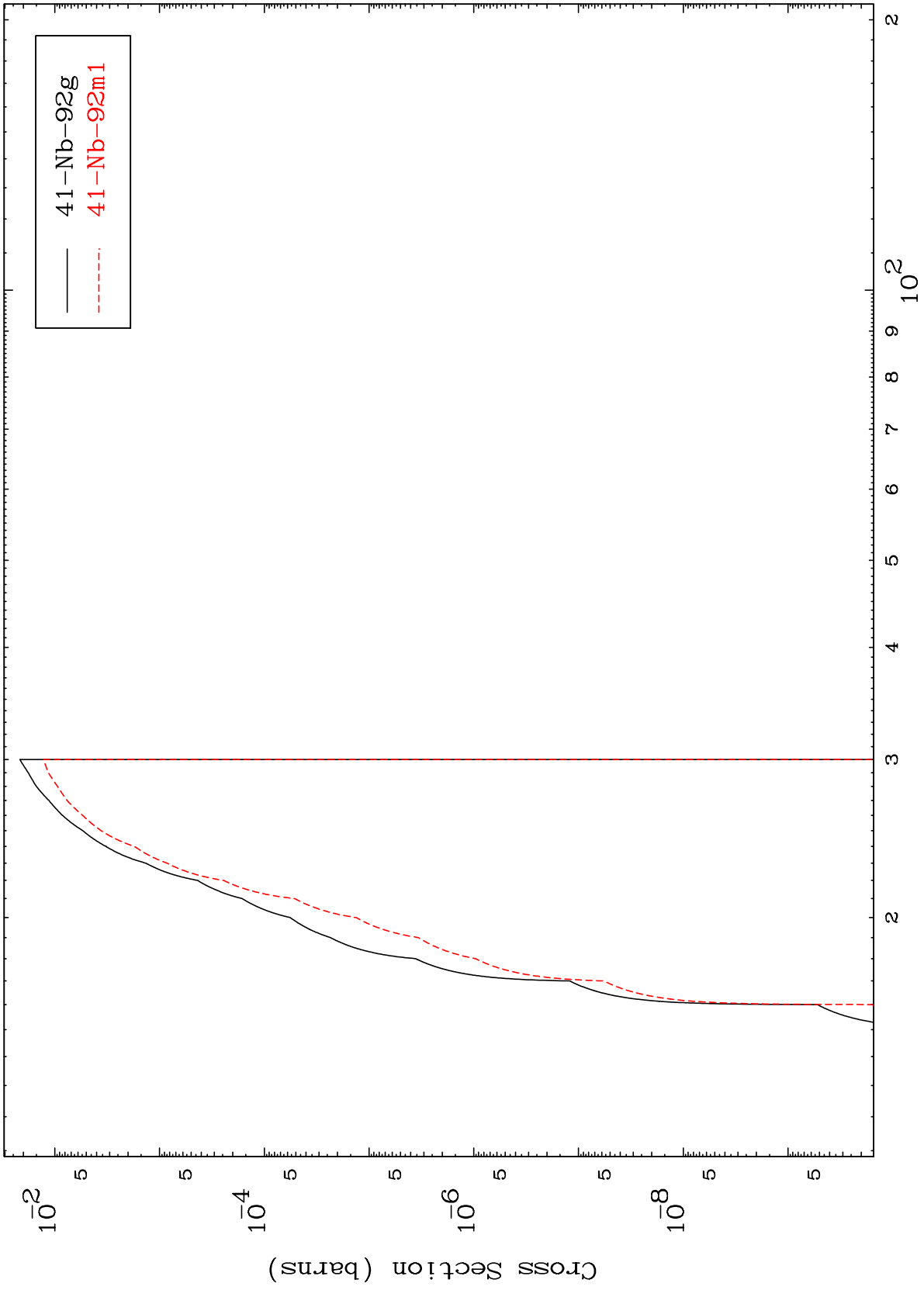
43-Tc-97

MAT 4320

(n,2n)  $\alpha$

43-Tc-97

Radionuclide Production Cross Section



23

Incident Energy (MeV)

43-Tc-97

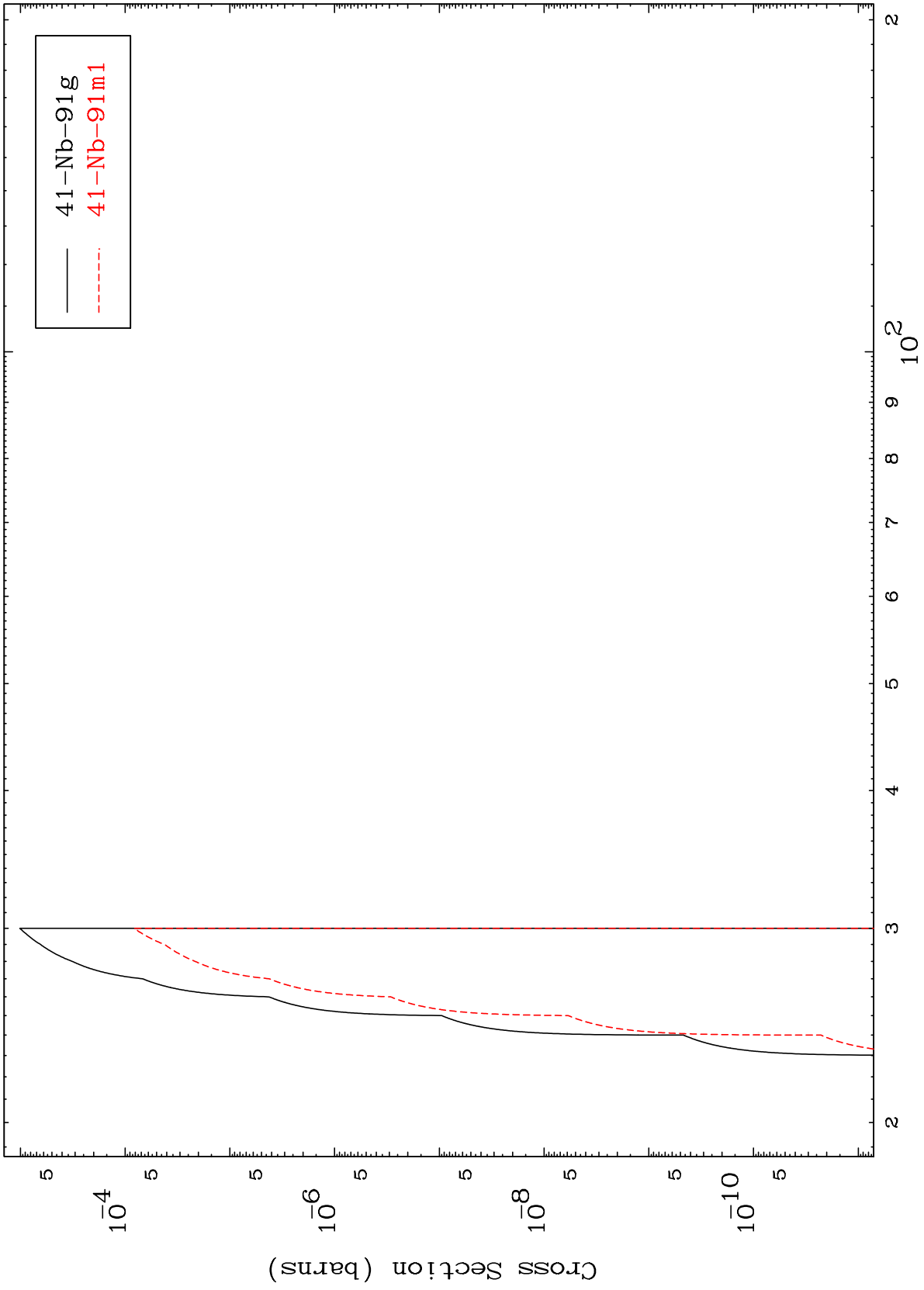


MAT 4320

(n,3n)  $\alpha$

43-Tc-97

Radionuclide Production Cross Section



24

Incident Energy (MeV)

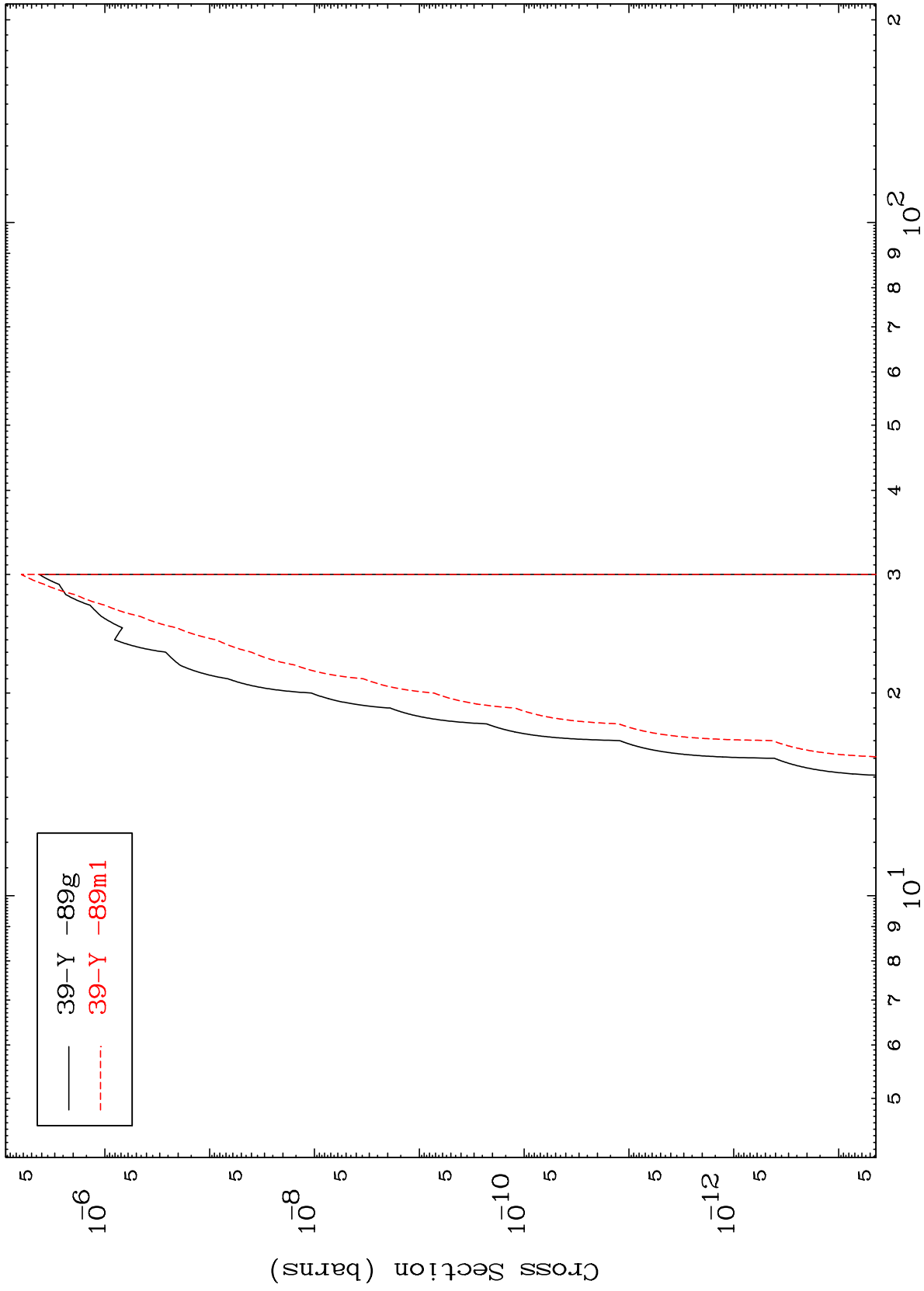
43-Tc-97

MAT 4320

(n,n') 2 $\alpha$

43-Tc-97

Radionuclide Production Cross Section



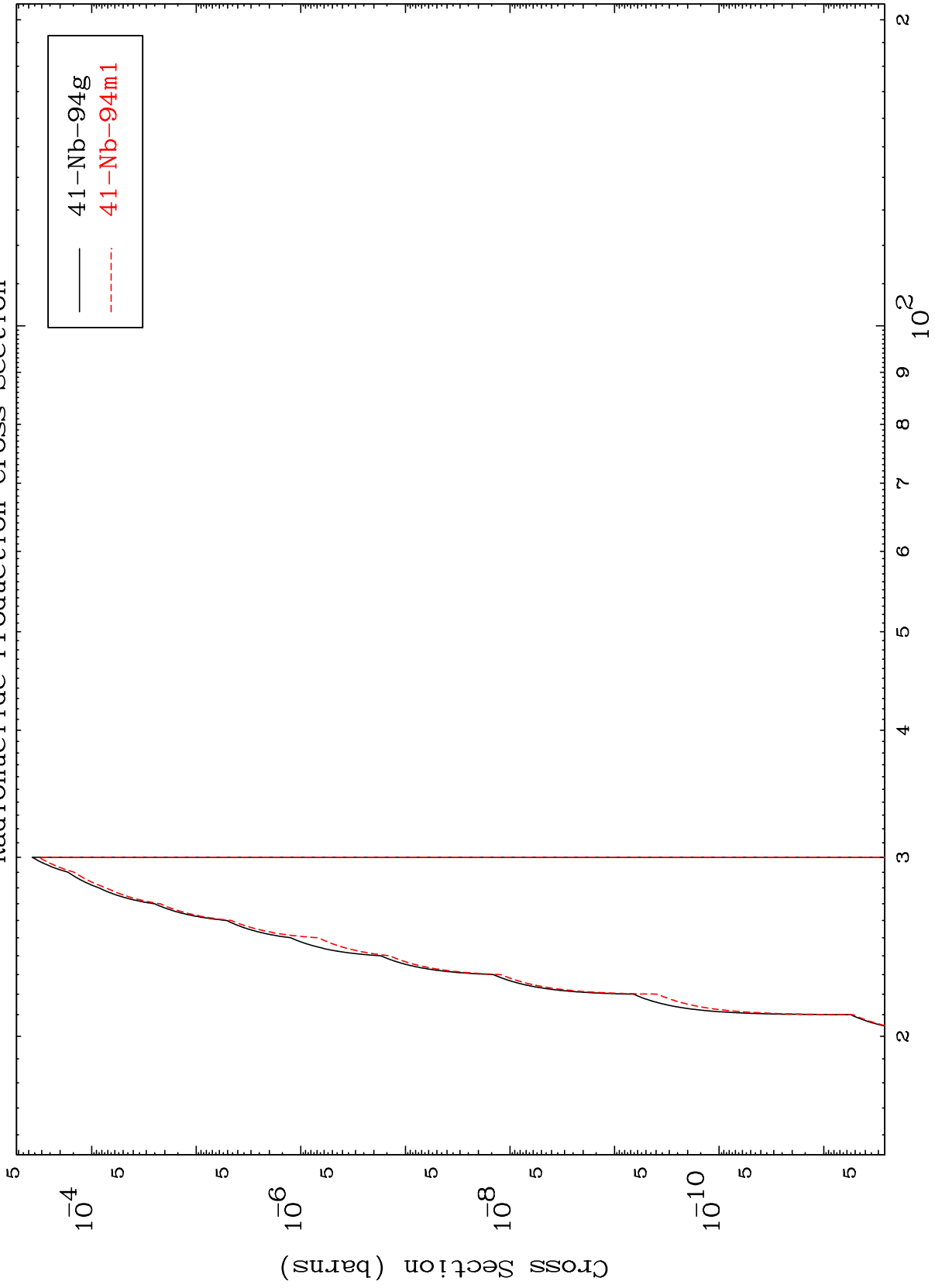
39-Y -89g  
39-Y -89m1

25

Incident Energy (MeV)

43-Tc-97

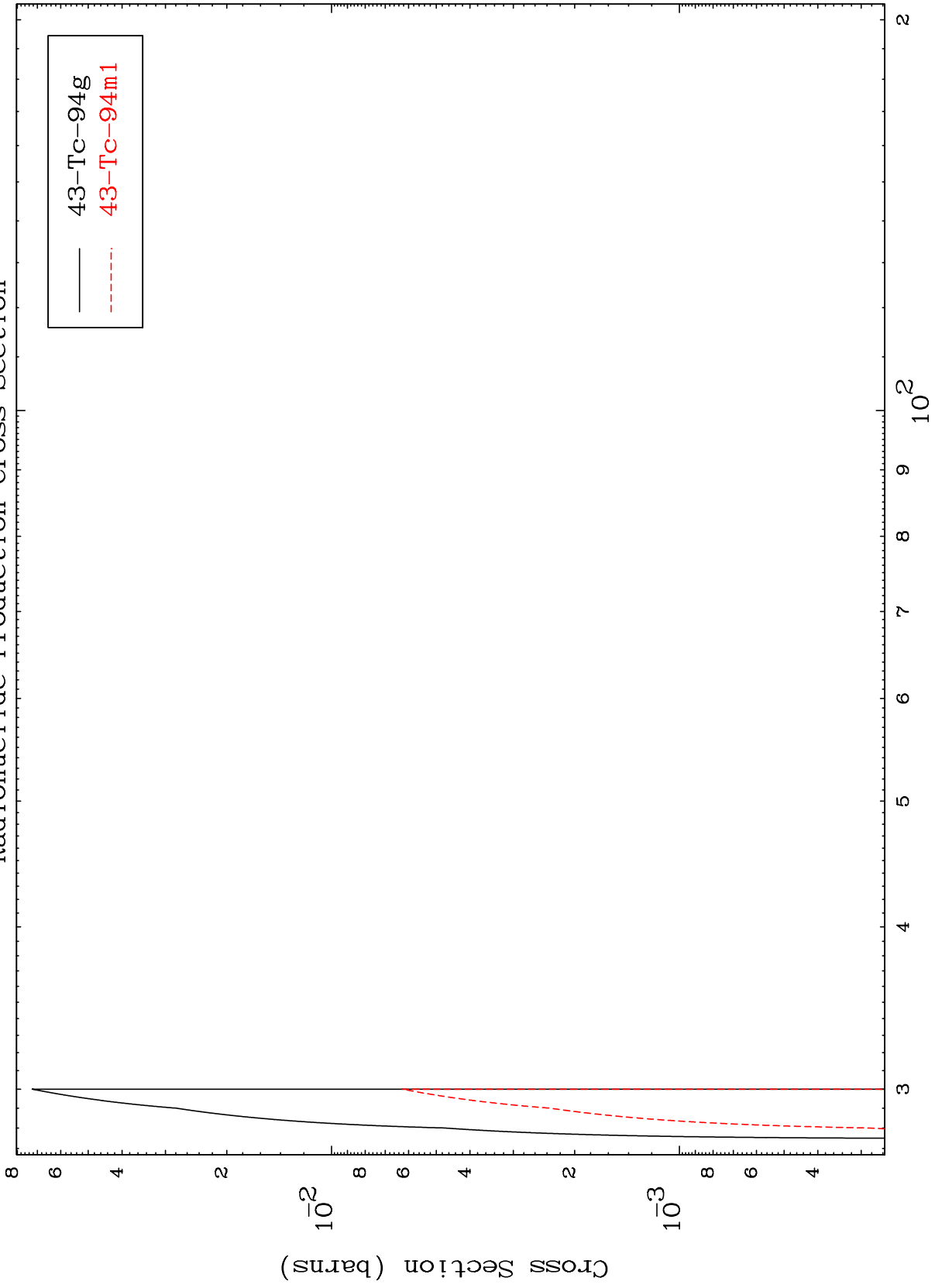
Radionuclide Production Cross Section



MAT 4320

43-Tc-97

(n,4n)  
Radionuclide Production Cross Section



43-Tc-94g  
43-Tc-94m1

27

43-Tc-97

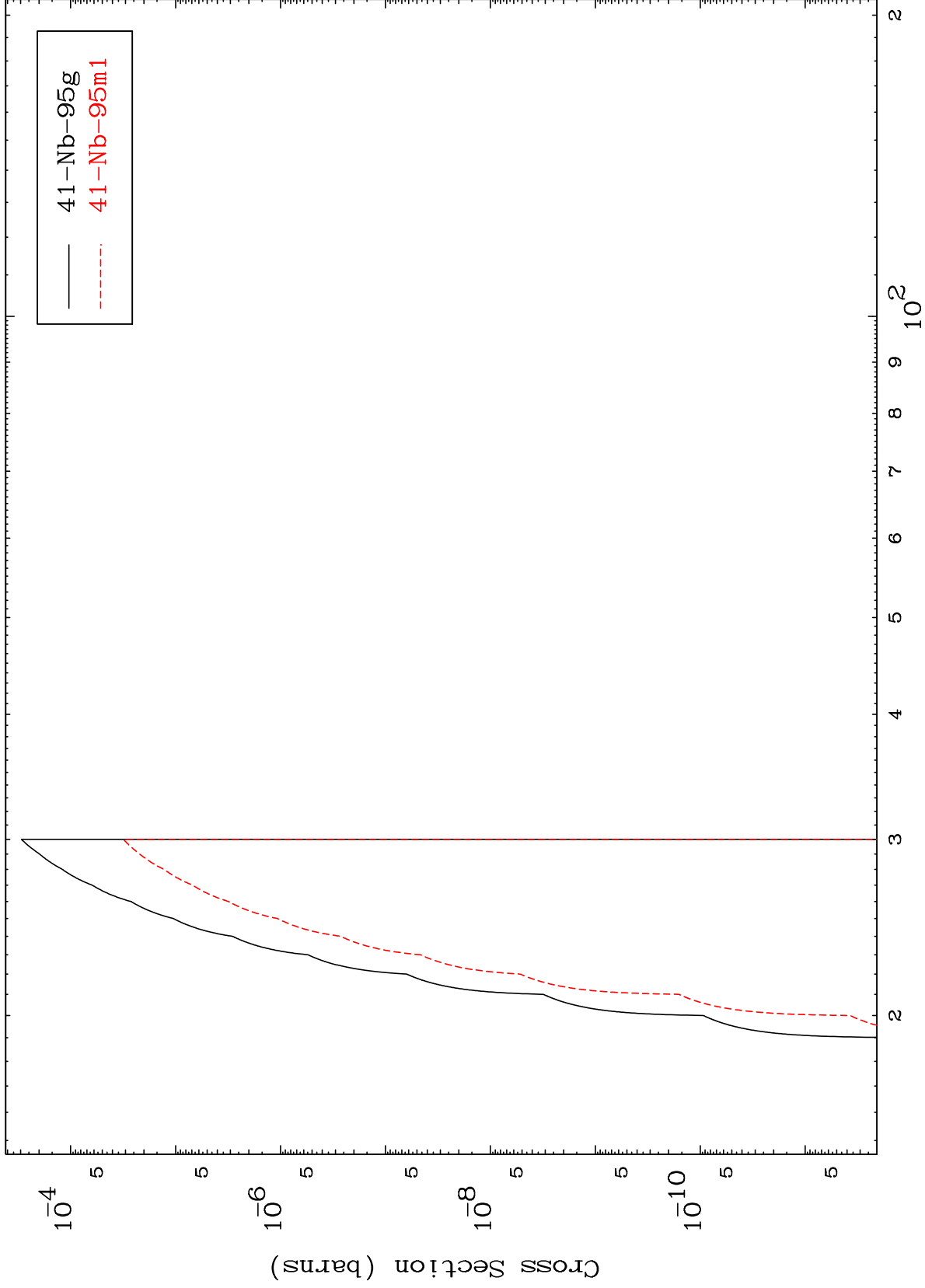
Incident Energy (MeV)

MAT 4320

(n,2n) p

43-Tc-97

Radionuclide Production Cross Section



28

Incident Energy (MeV)

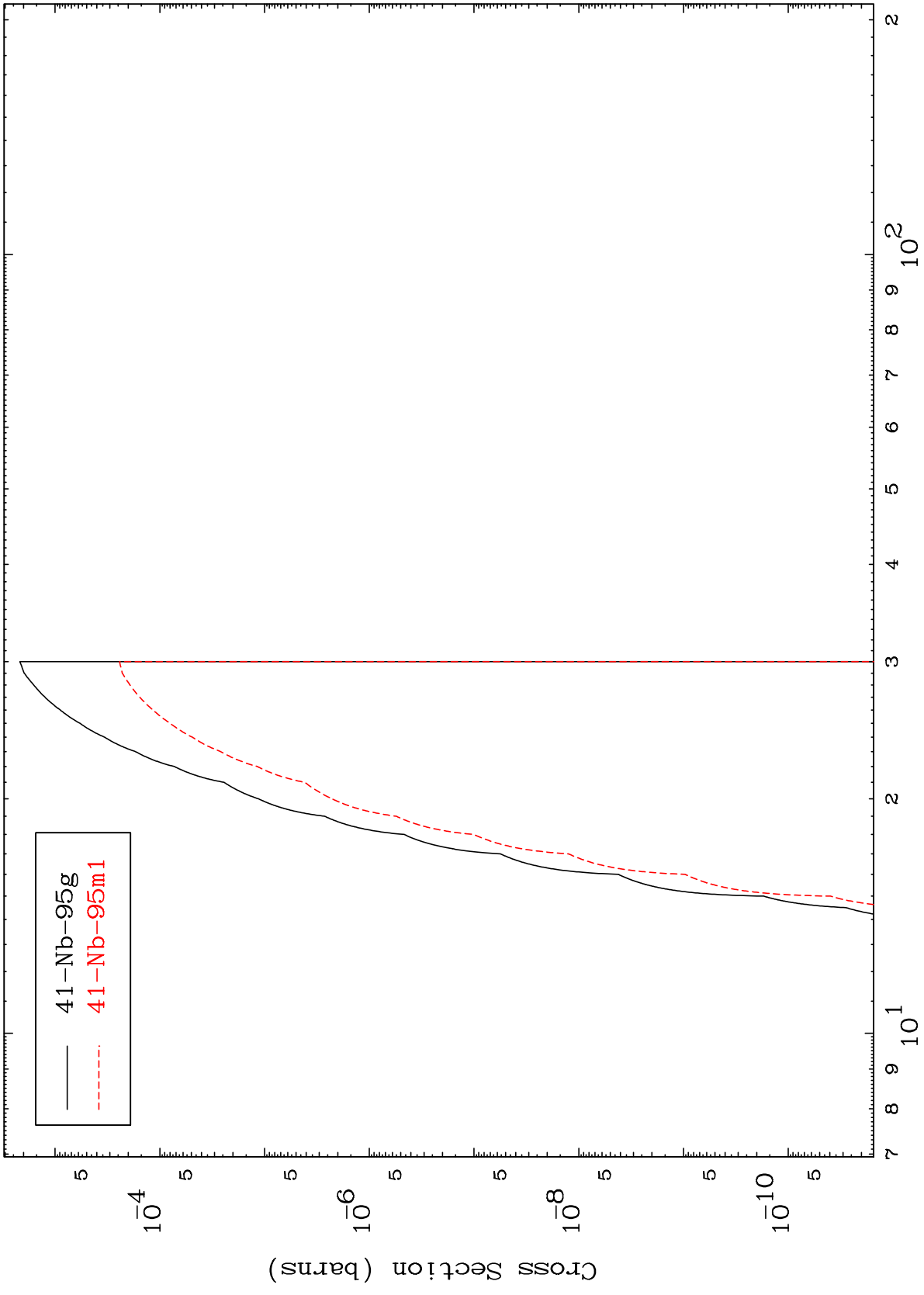
43-Tc-97

MAT 4320

(n, He-3)

43-Tc-97

Radionuclide Production Cross Section



29

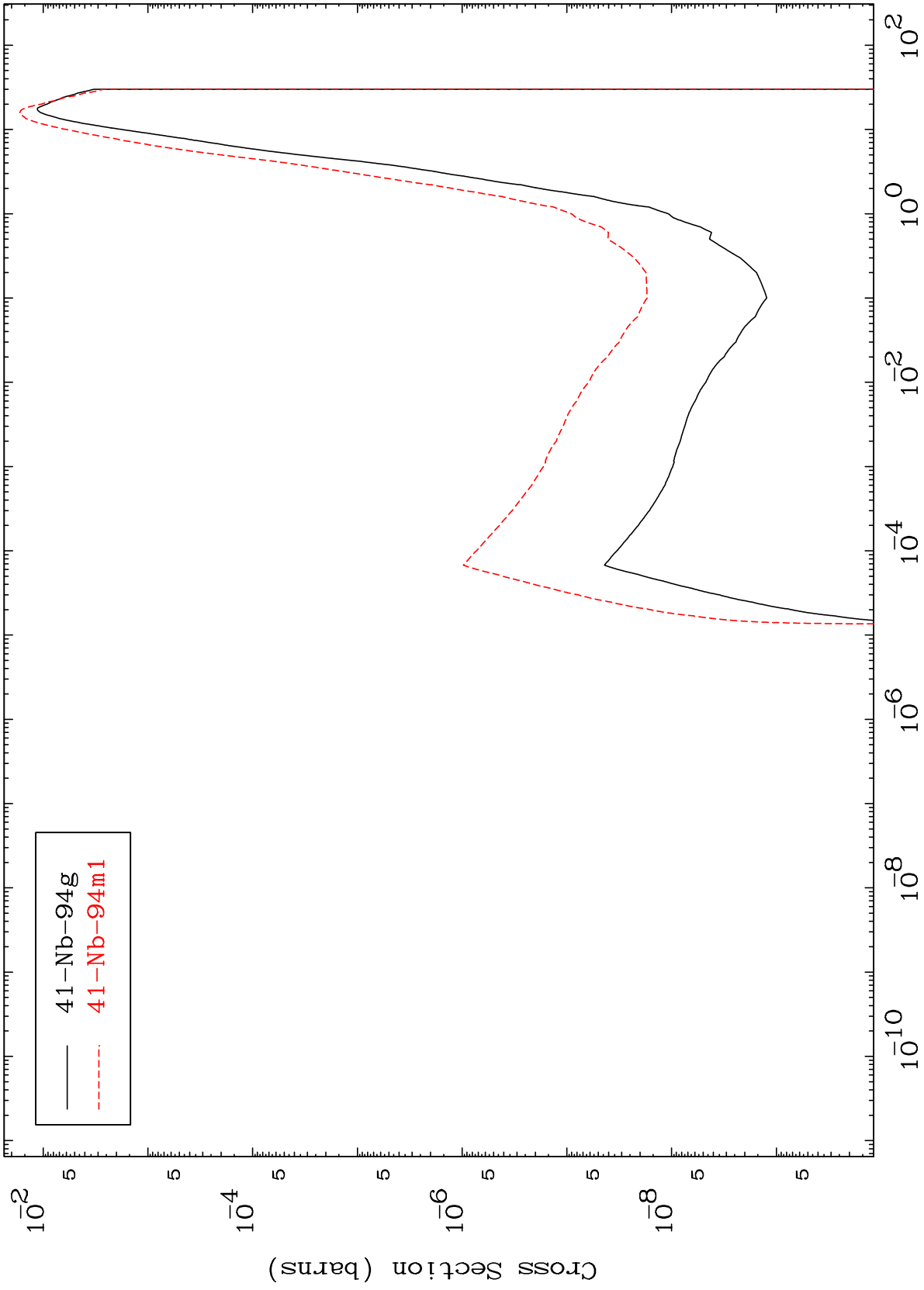
43-Tc-97

MAT 4320

(n,  $\alpha$ )

43-Tc-97

Radionuclide Production Cross Section



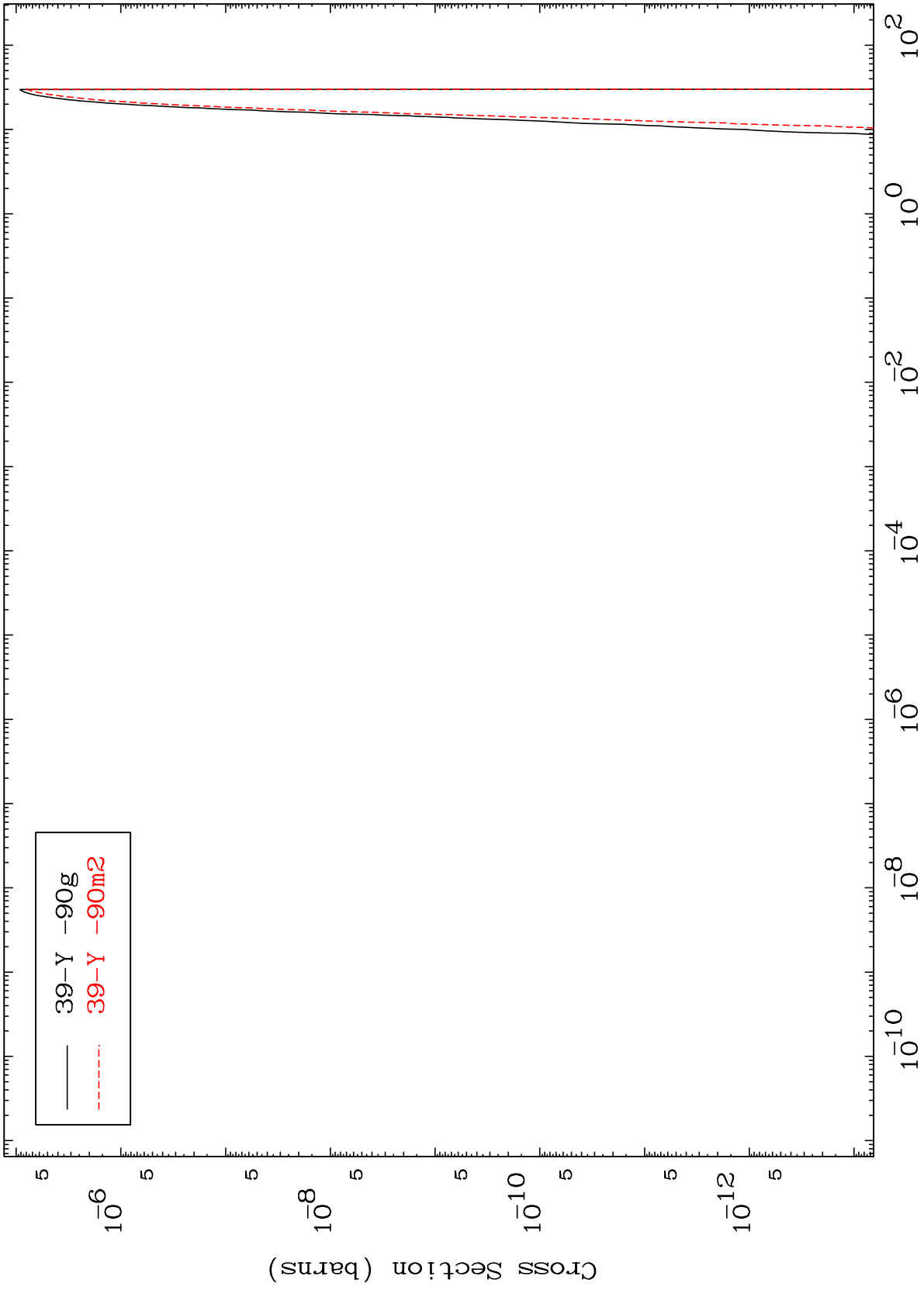
— 41-Nb-94g  
- - - 41-Nb-94m1

MAT 4320

(n,2α)

43-Tc-97

Radionuclide Production Cross Section



31

Incident Energy (MeV)

43-Tc-97

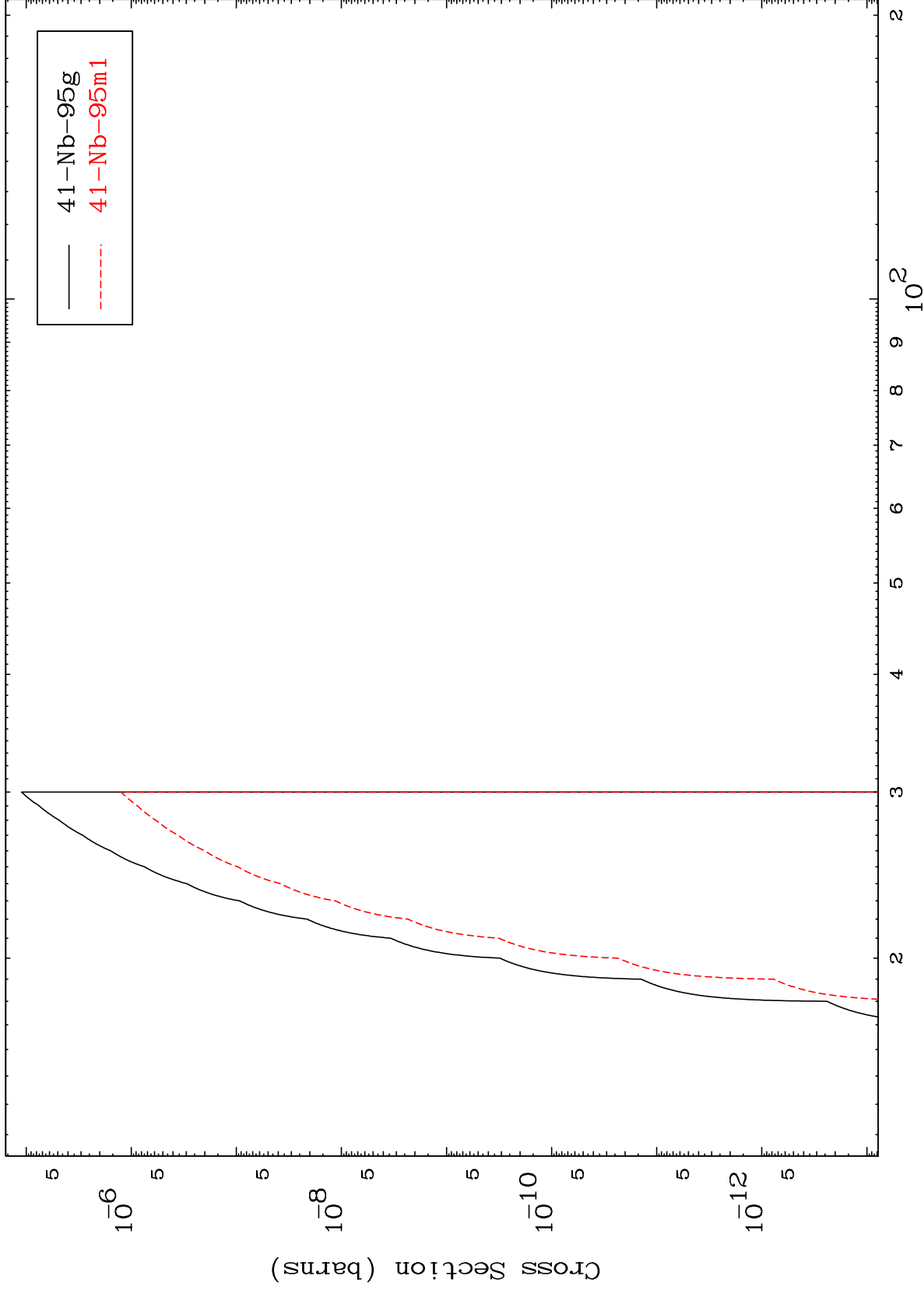


MAT 4320

(n,p) d

43-Tc-97

Radionuclide Production Cross Section



32

Incident Energy (MeV)

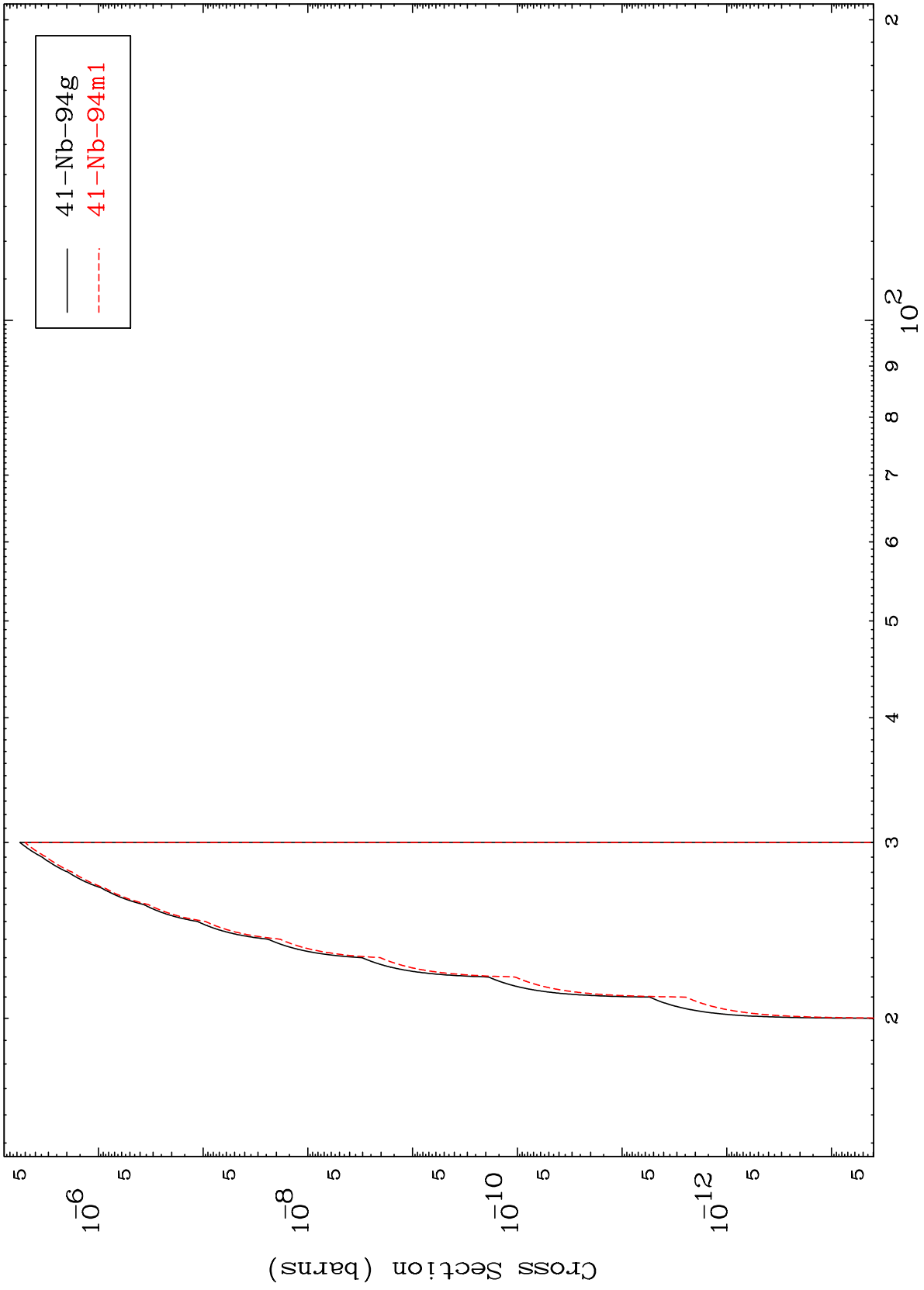
43-Tc-97

MAT 4320

(n,p) t

43-Tc-97

Radionuclide Production Cross Section



33

Incident Energy (MeV)

43-Tc-97