

Program EVALPLOT  
(Version 2018-1)

by

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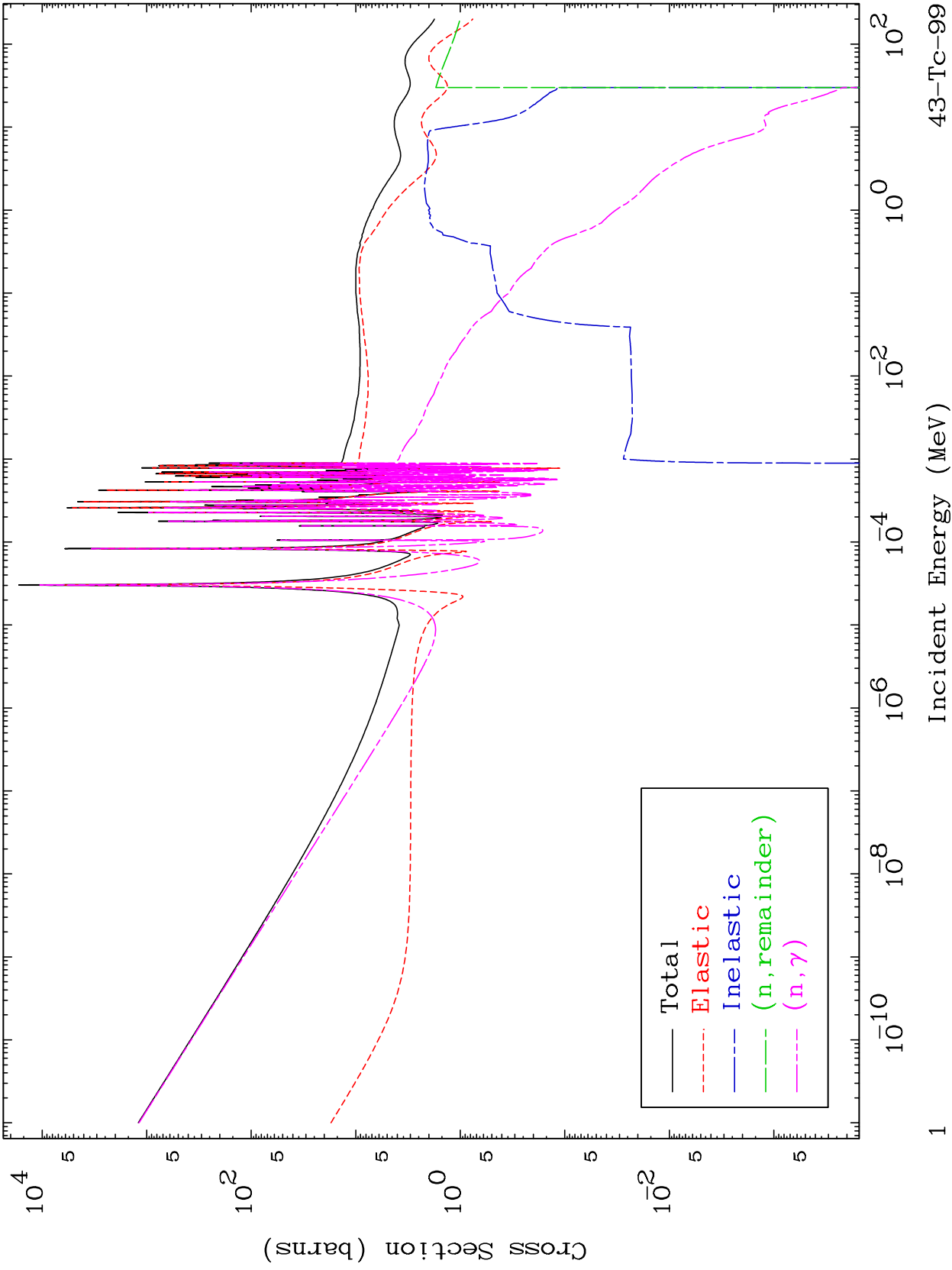
Web:redcullen1.net/HOMEPAGE.NEW

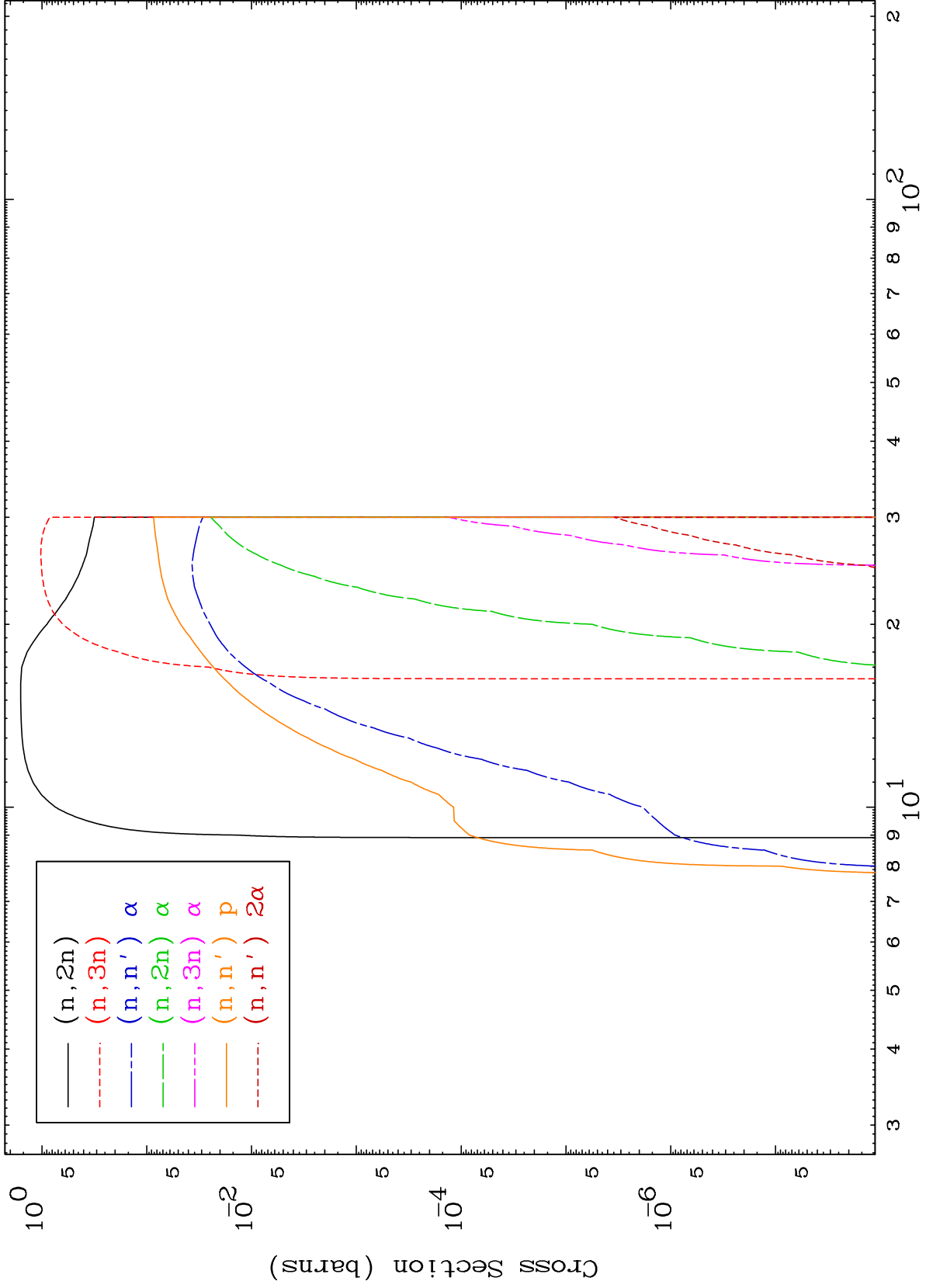
Press Mouse Button to Start

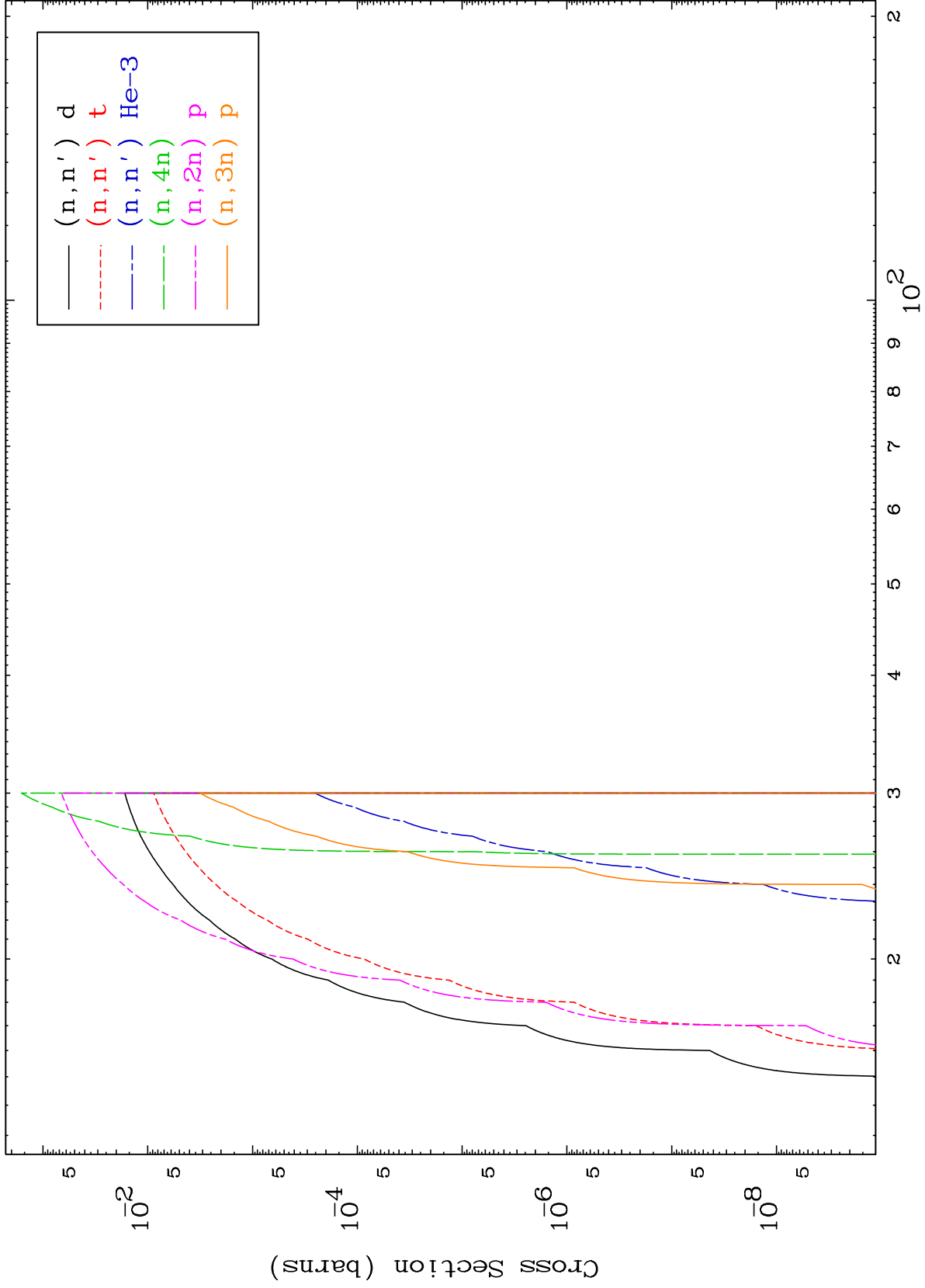
MAT 4326

Major  
293 Kelvin Cross Sections

43-Tc-99



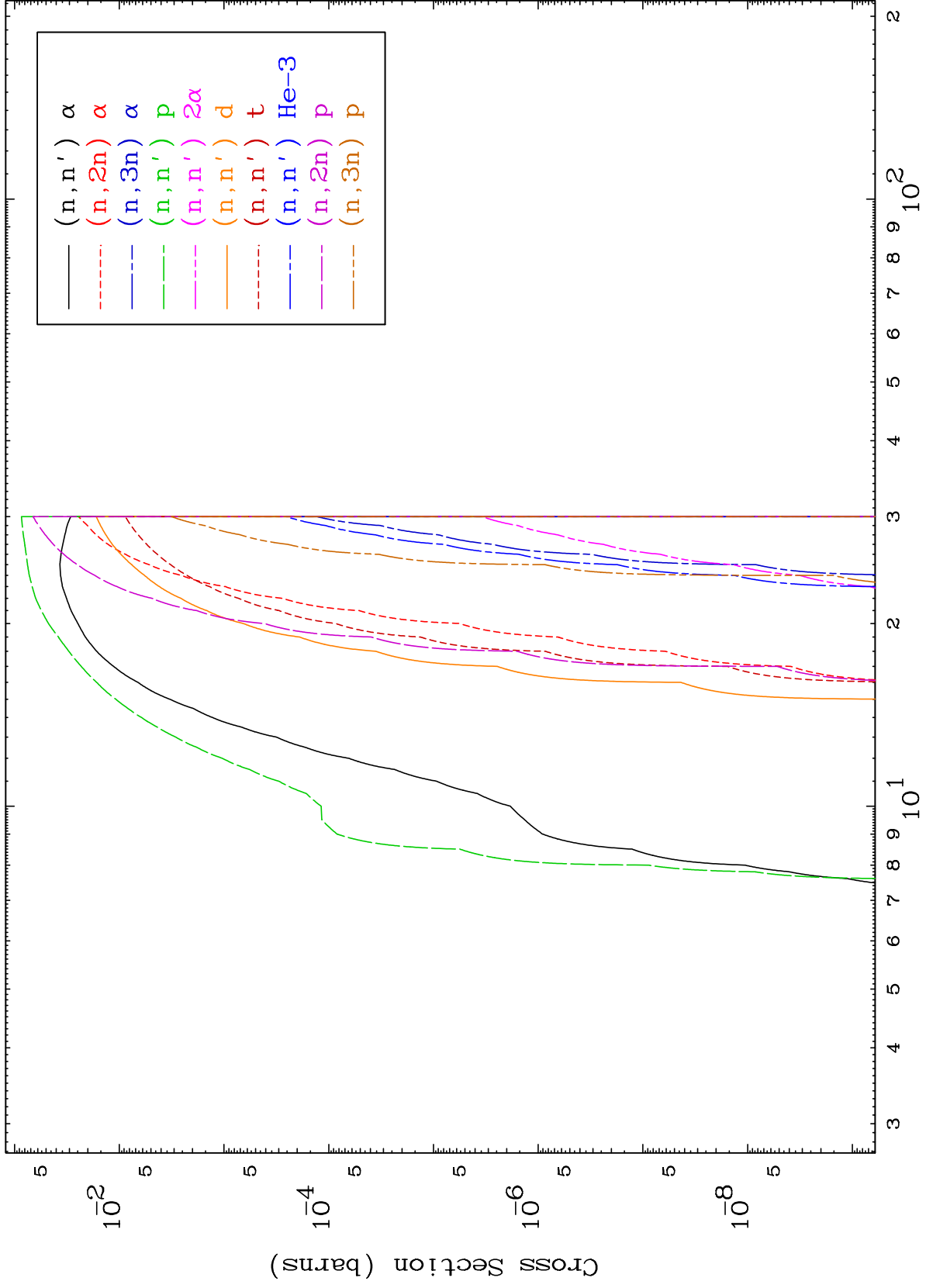




MAT 4326

Charged Particle  
293 Kelvin Cross Sections

43-Tc-99



4

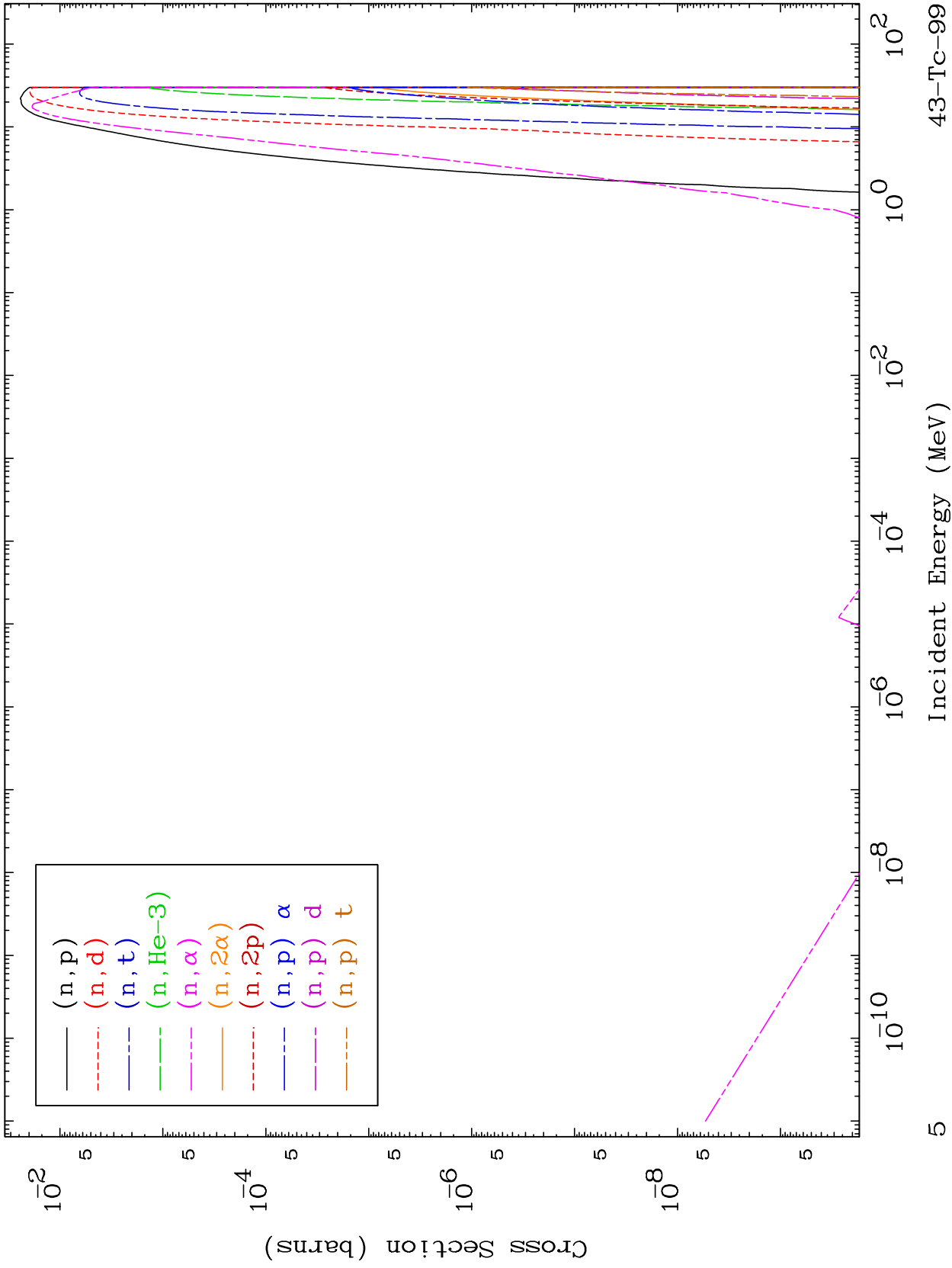
Incident Energy (MeV)

43-Tc-99

MAT 4326

Charged Particle  
293 Kelvin Cross Sections

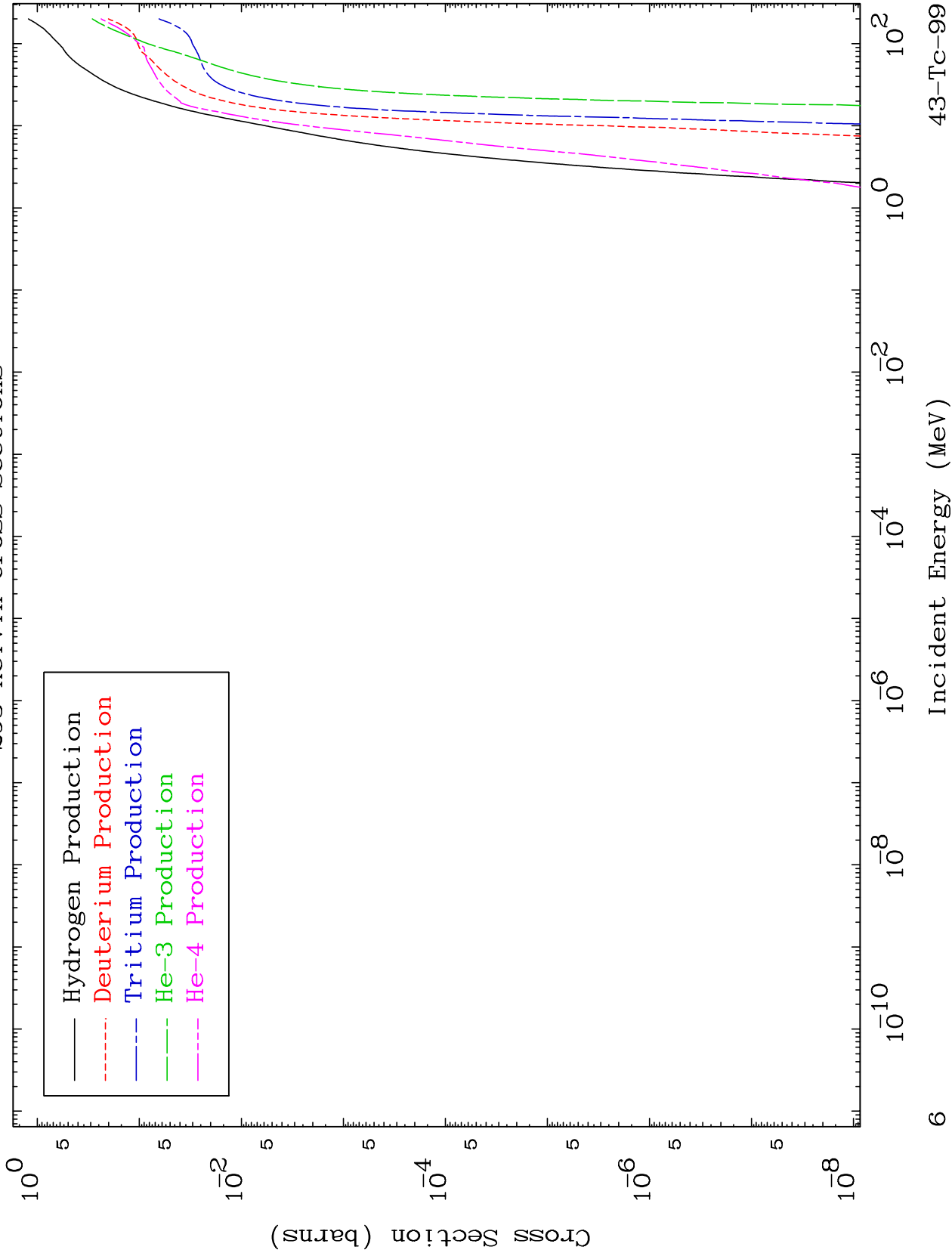
43-Tc-99



MAT 4326

Particle Production  
293 Kelvin Cross Sections

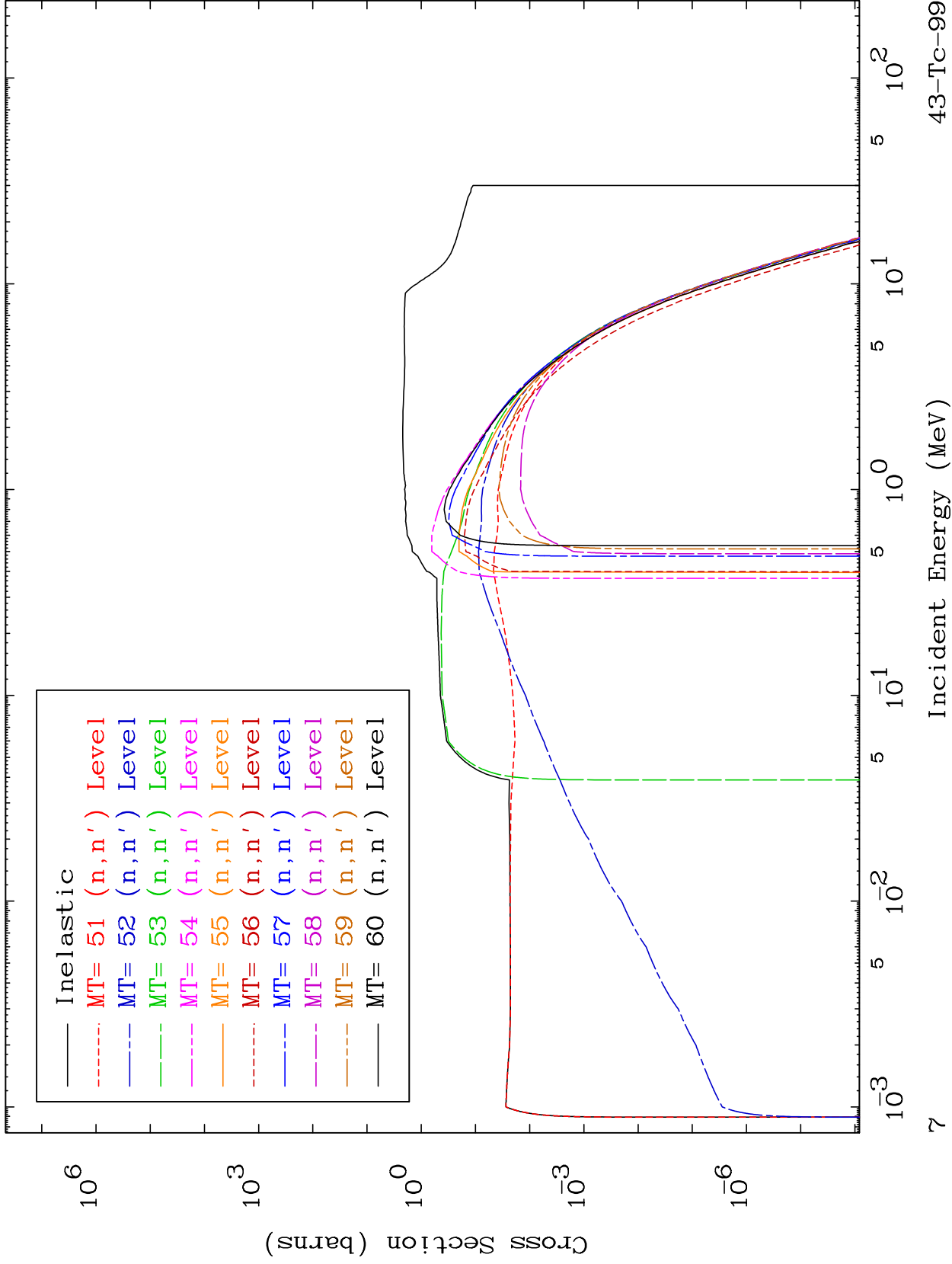
43-Tc-99



MAT 4326

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-99



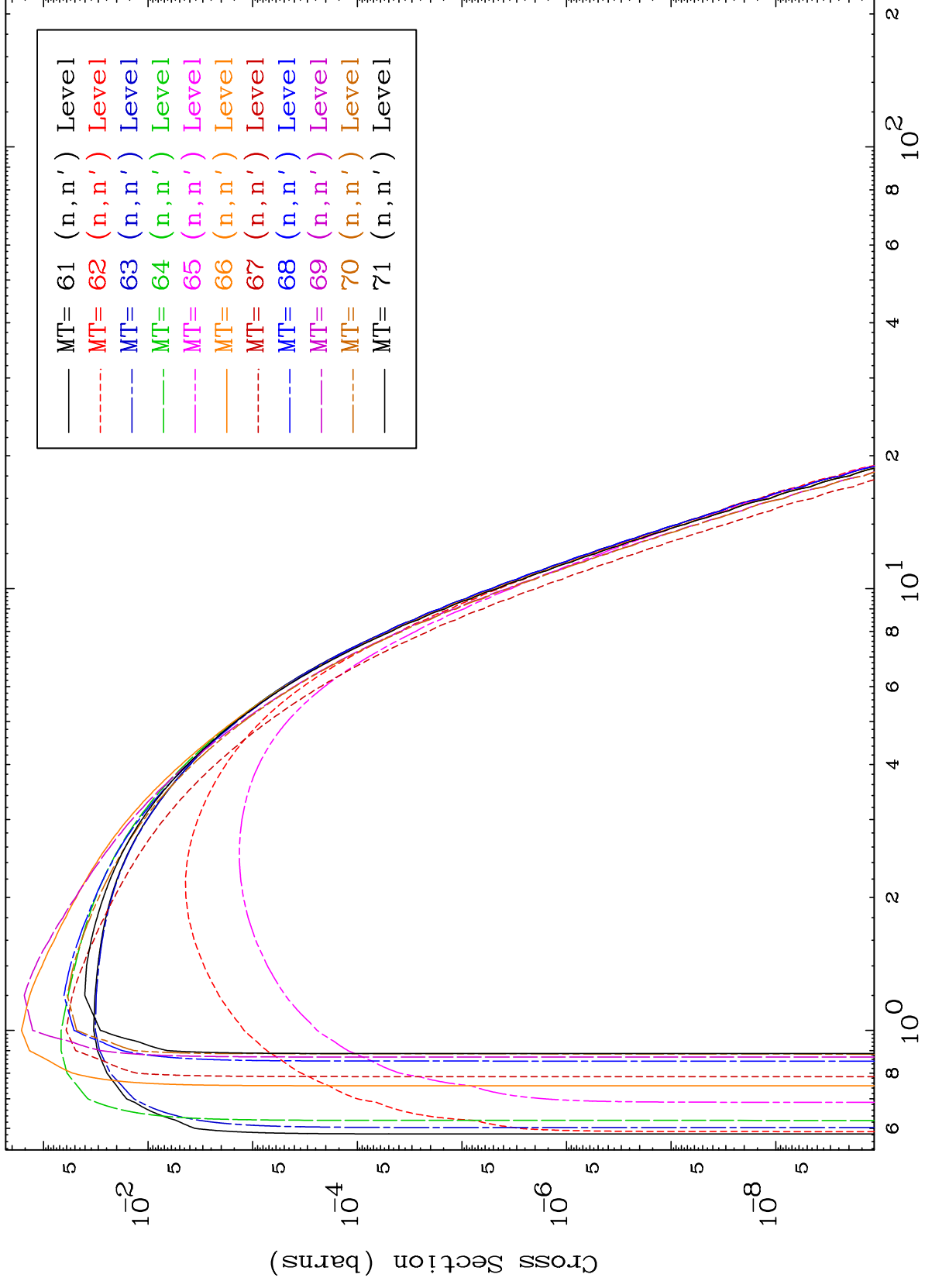


MAT 4326

(n,n') Level

43-Tc-99

293 Kelvin Cross Sections



8

Incident Energy (MeV)

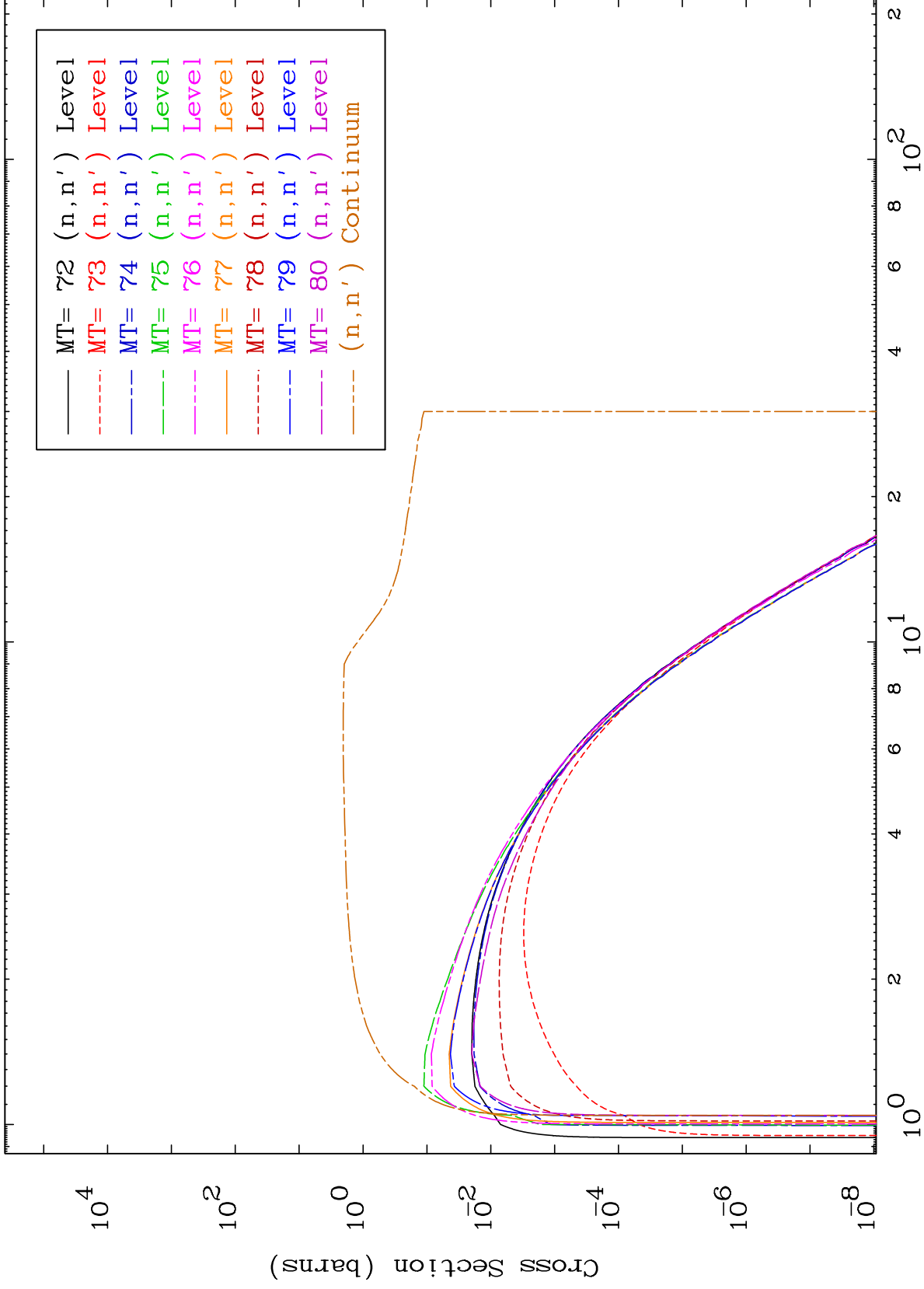
43-Tc-99

MAT 4326

(n,n') Level

43-Tc-99

293 Kelvin Cross Sections



9

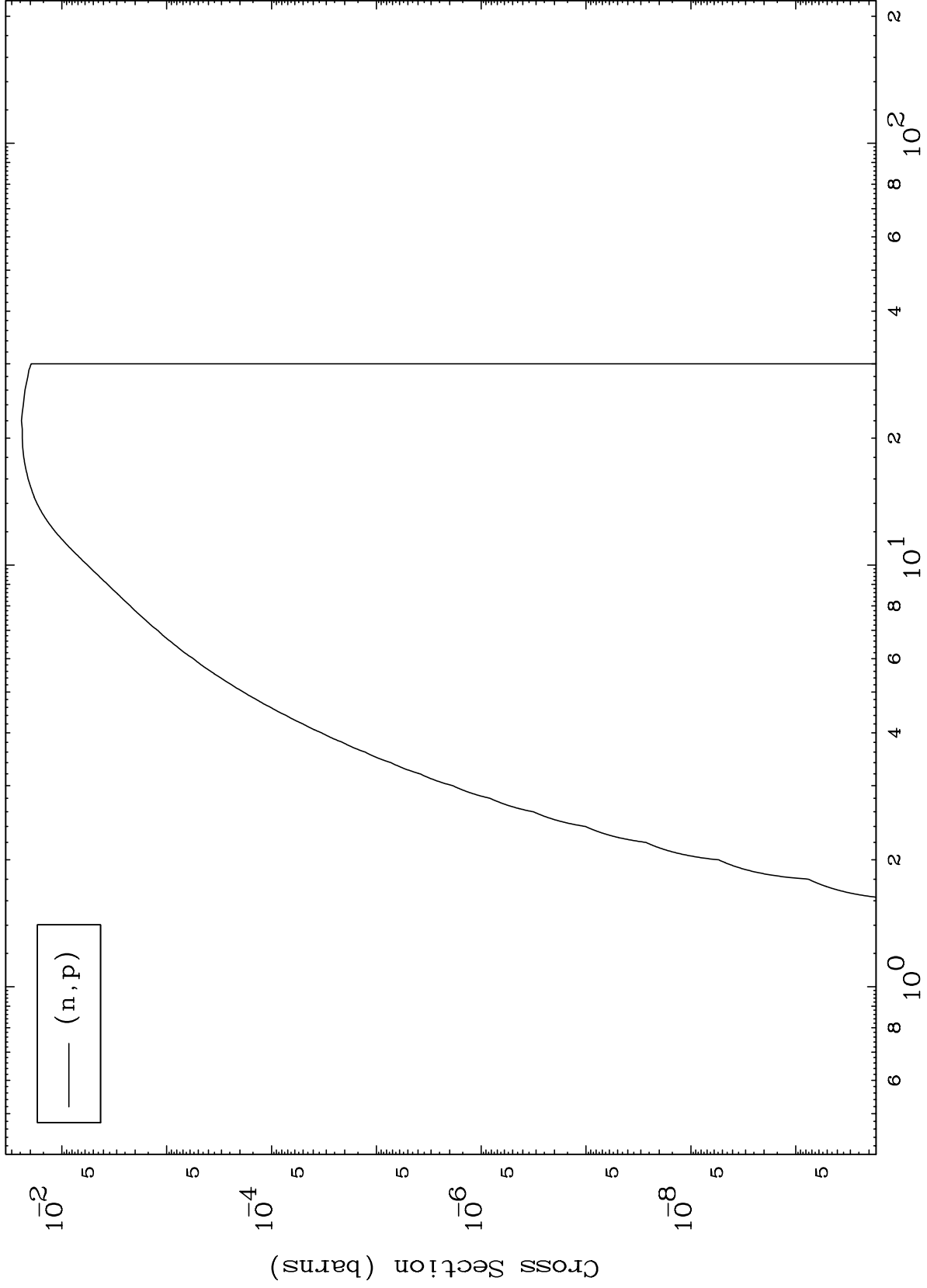
Incident Energy (MeV)

43-Tc-99

MAT 4326

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-99



(n,p)

10

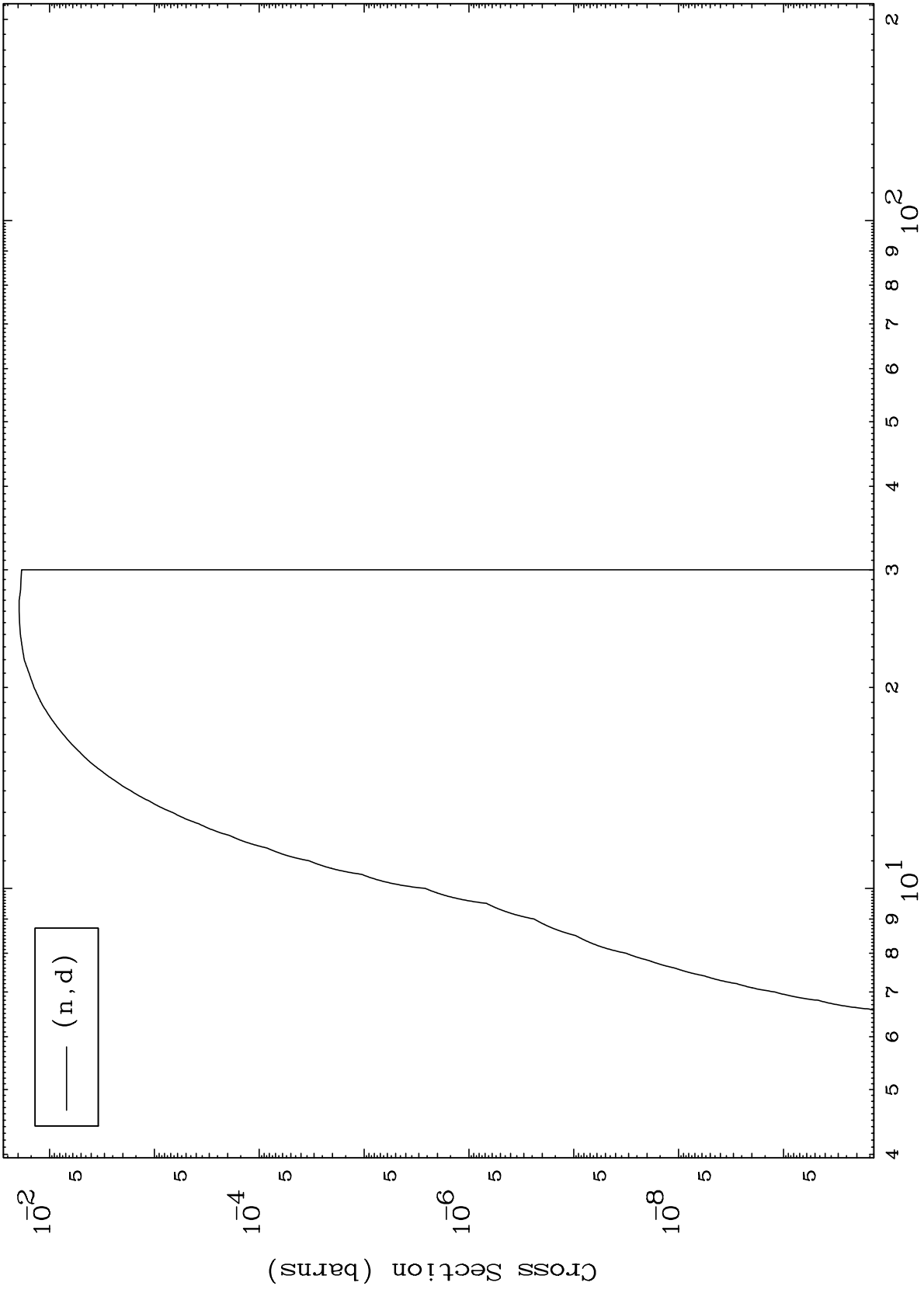
Incident Energy (MeV)

43-Tc-99

MAT 4326

(n,d) Levels  
293 Kelvin Cross Sections

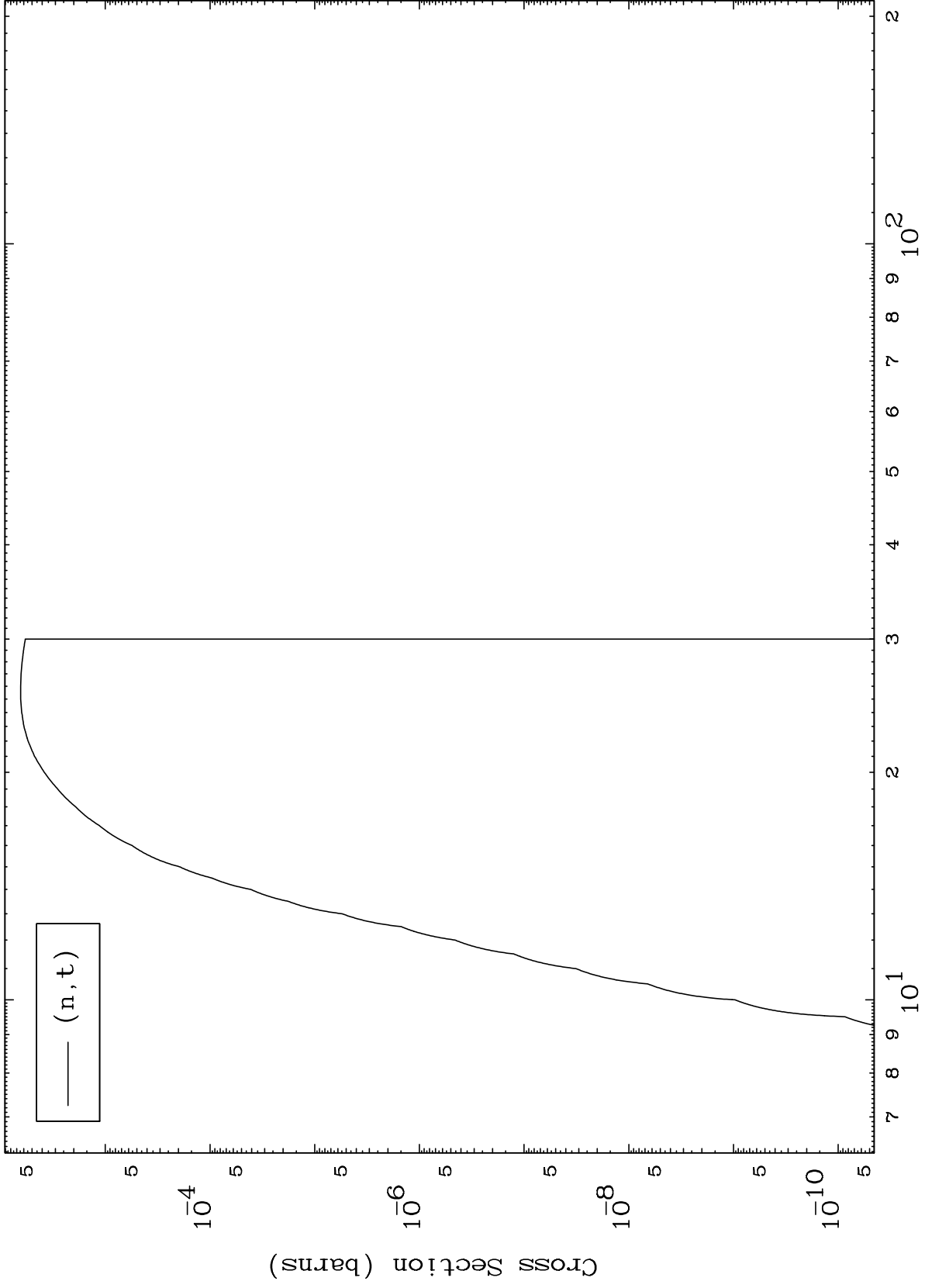
43-Tc-99



MAT 4326

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-99



12

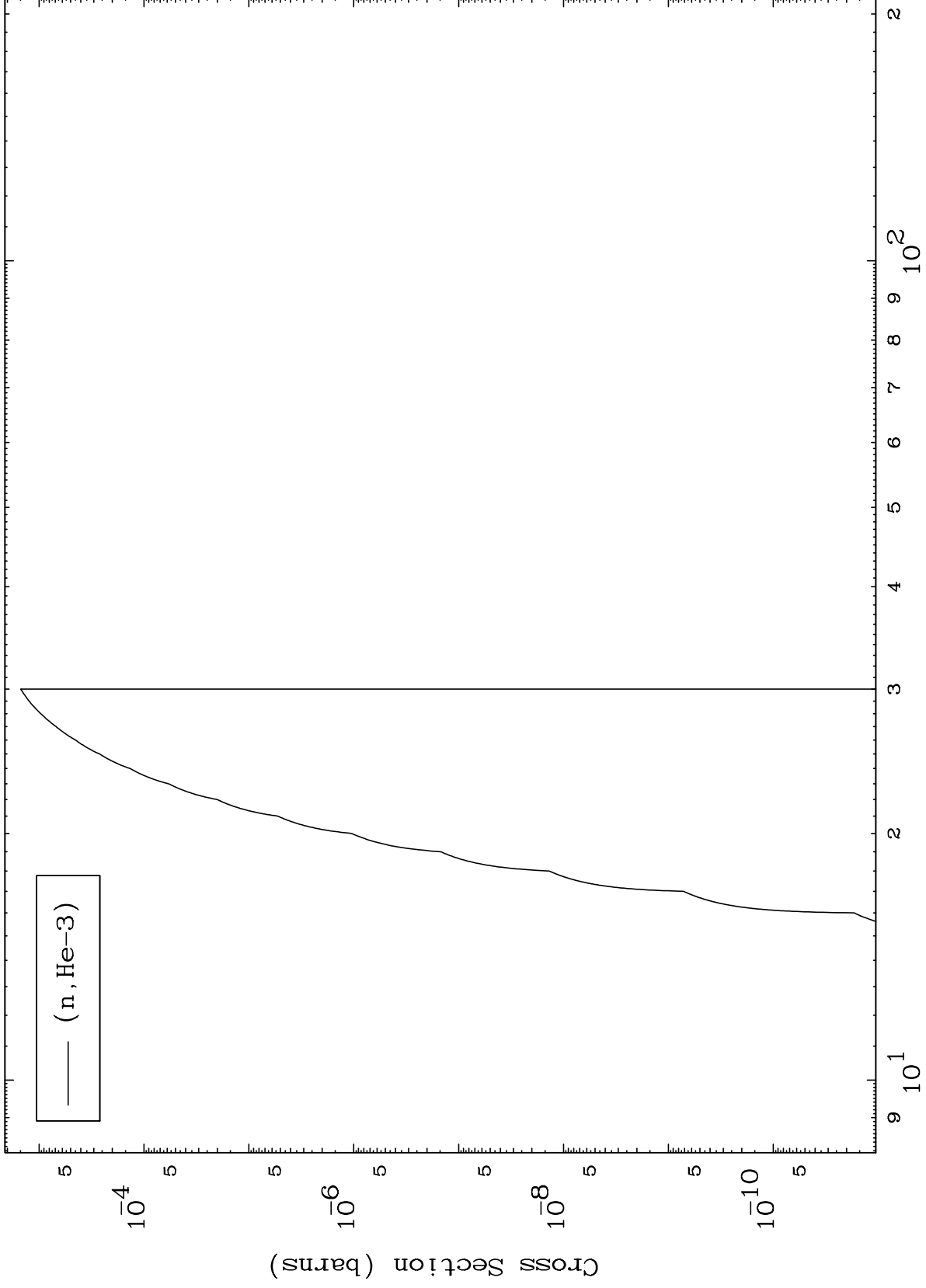
Incident Energy (MeV)

43-Tc-99

MAT 4326

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-99



13

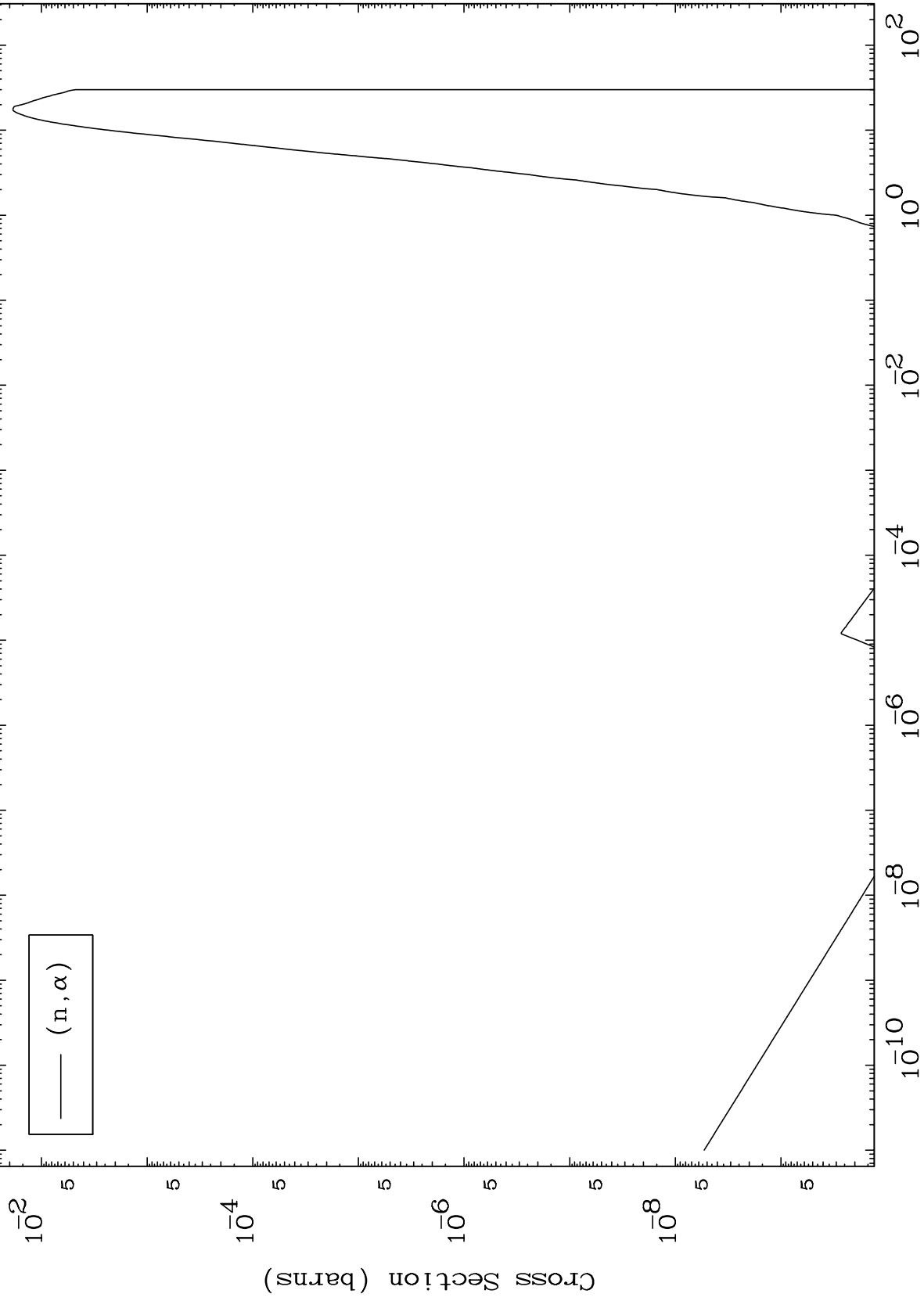
Incident Energy (MeV)

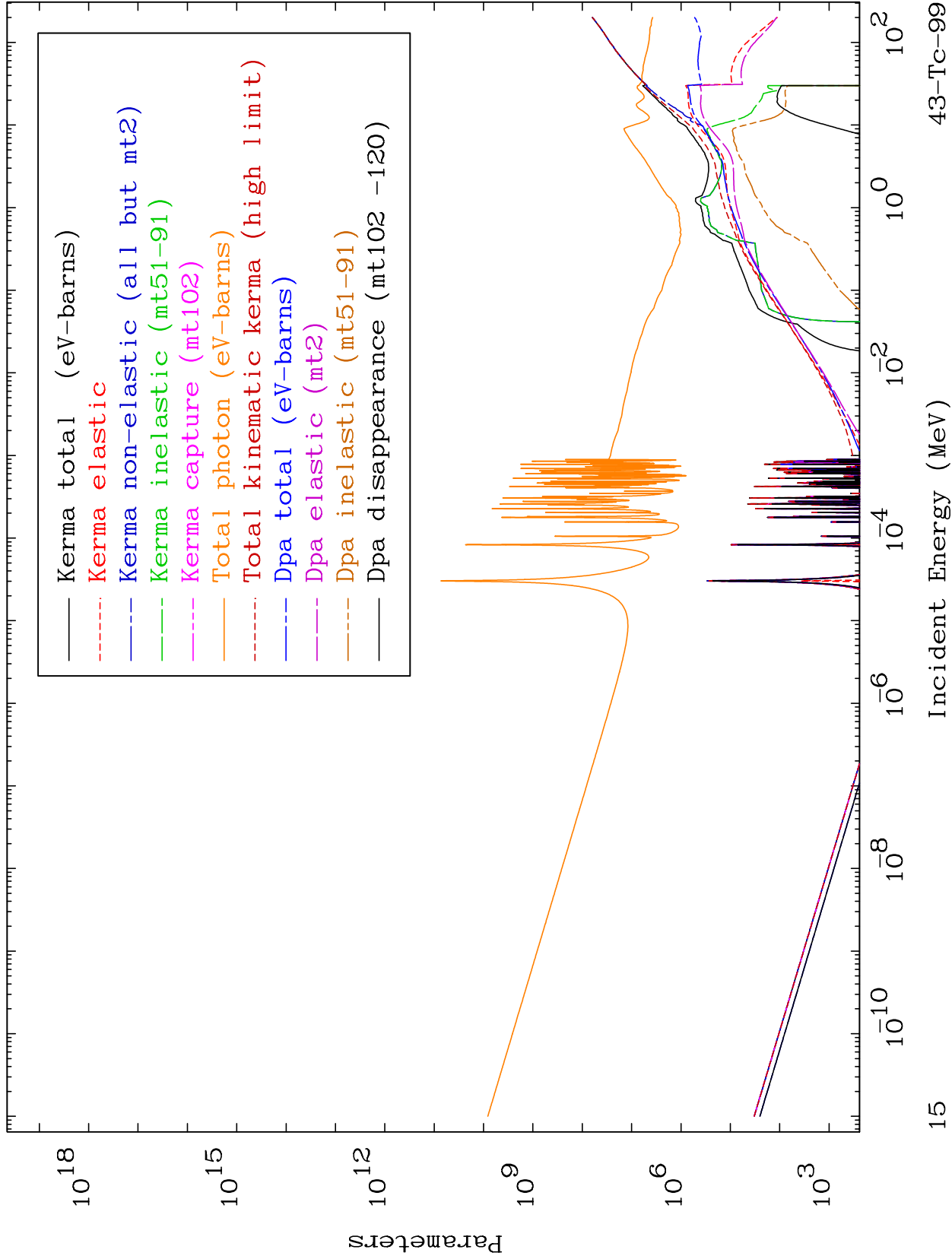
43-Tc-99

MAT 4326

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

43-Tc-99



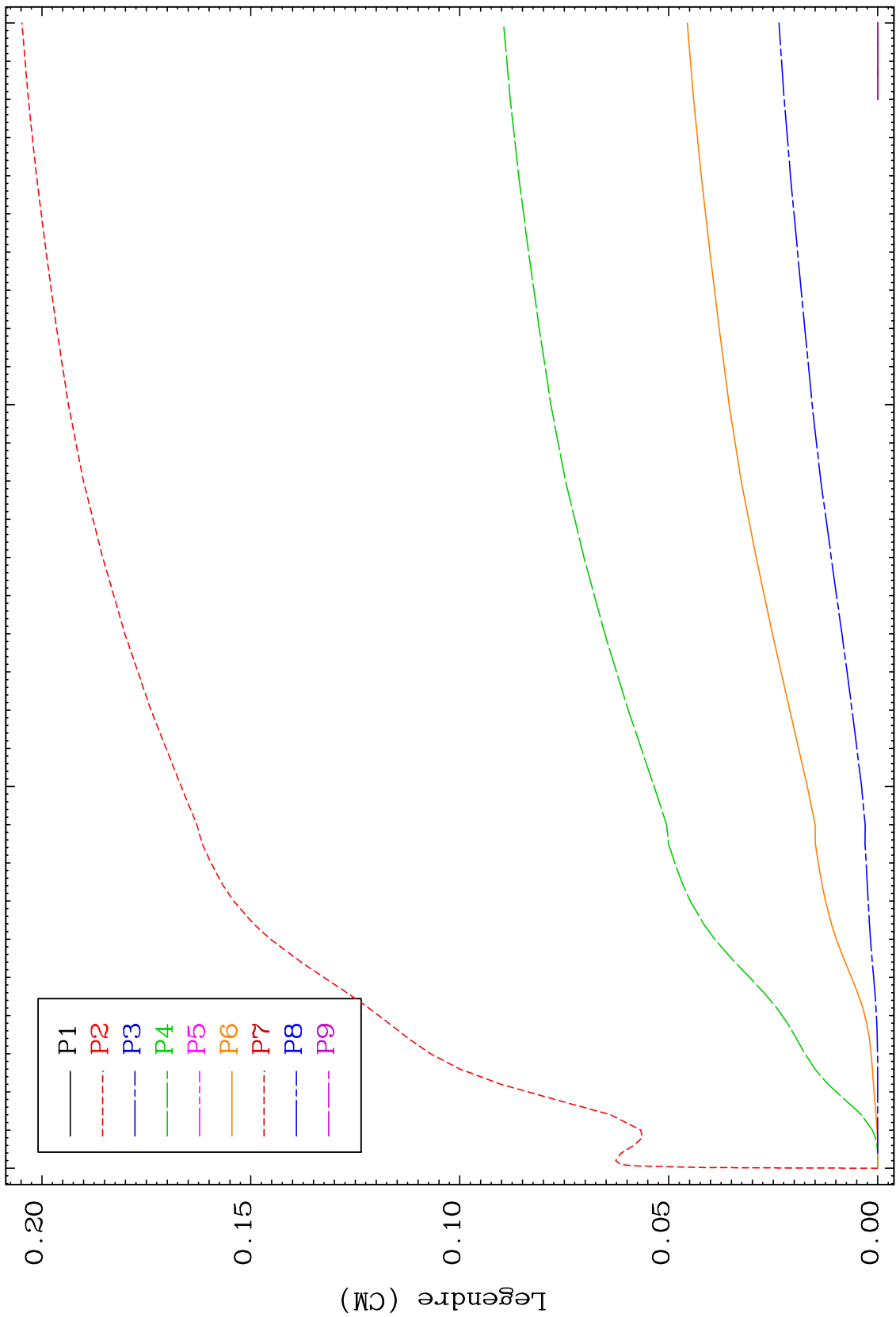




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Elastic Legendre Coefficients

43-Tc-99



16

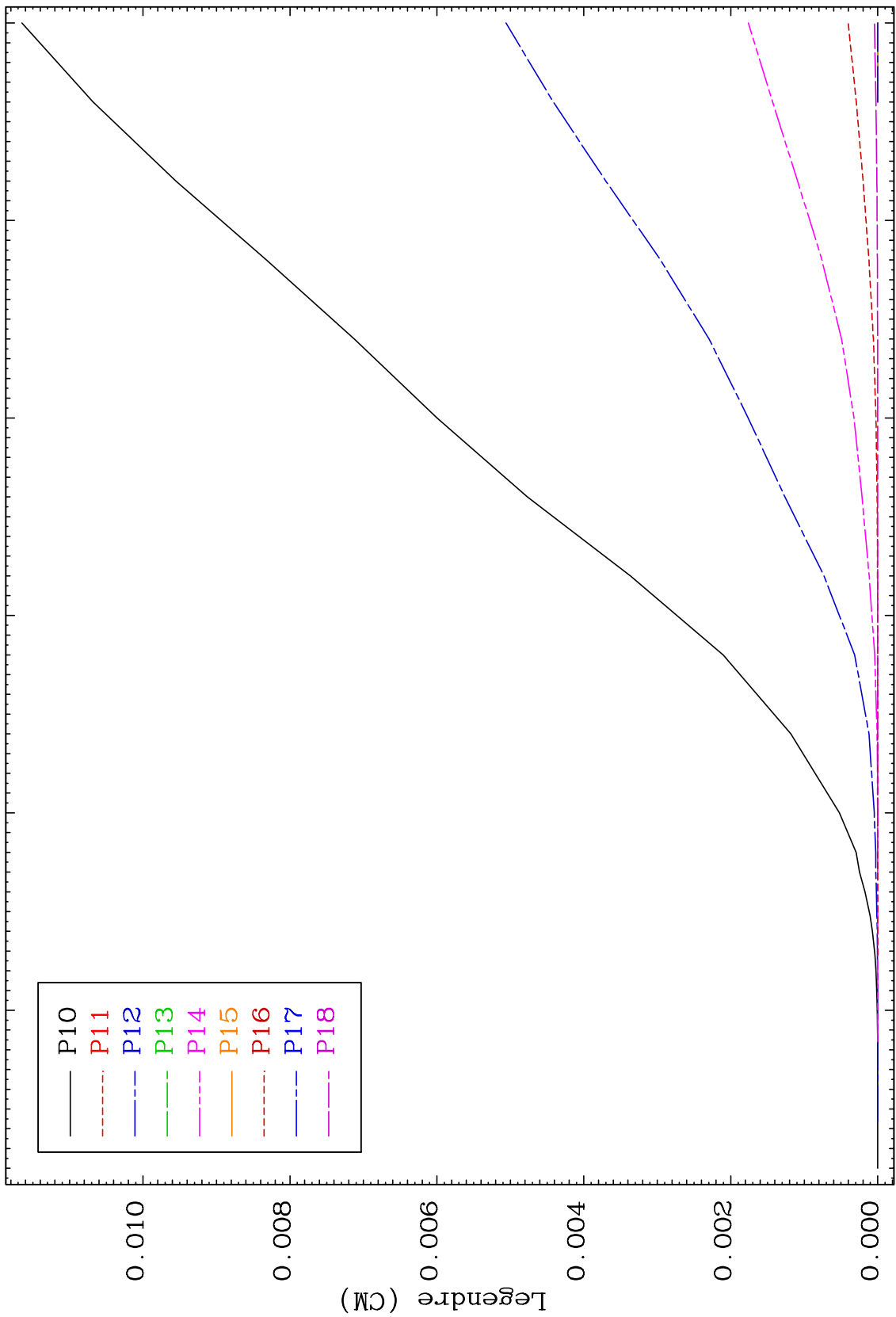
Incident Energy (MeV)

43-Tc-99

MAT 4326

Elastic Legendre Coefficients

43-Tc-99



17

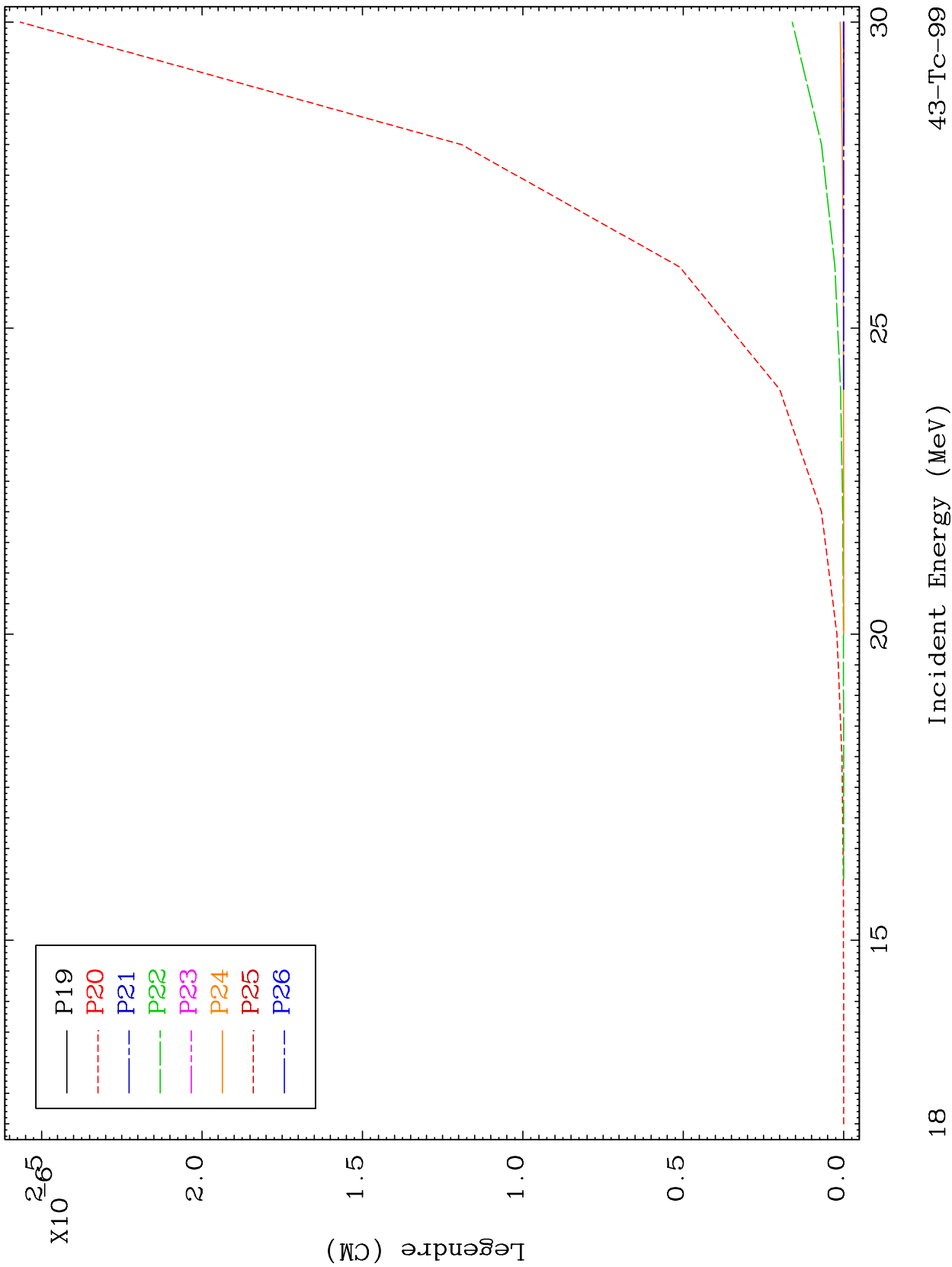
43-Tc-99

Incident Energy (MeV)

MAT 4326

### Elastic Legendre Coefficients

43-Tc-99



18

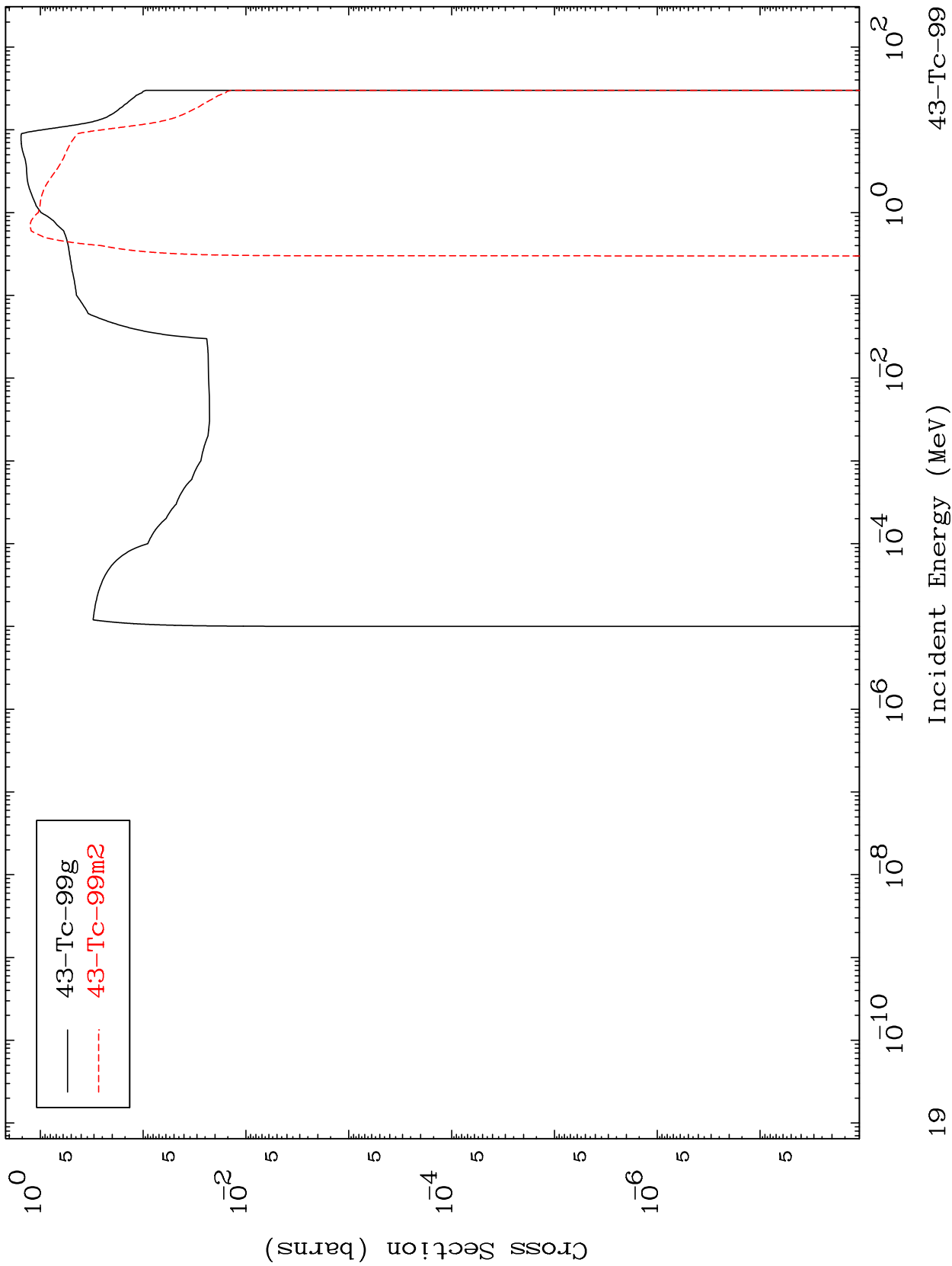
Incident Energy (MeV)

43-Tc-99

MAT 4326

43-Tc-99

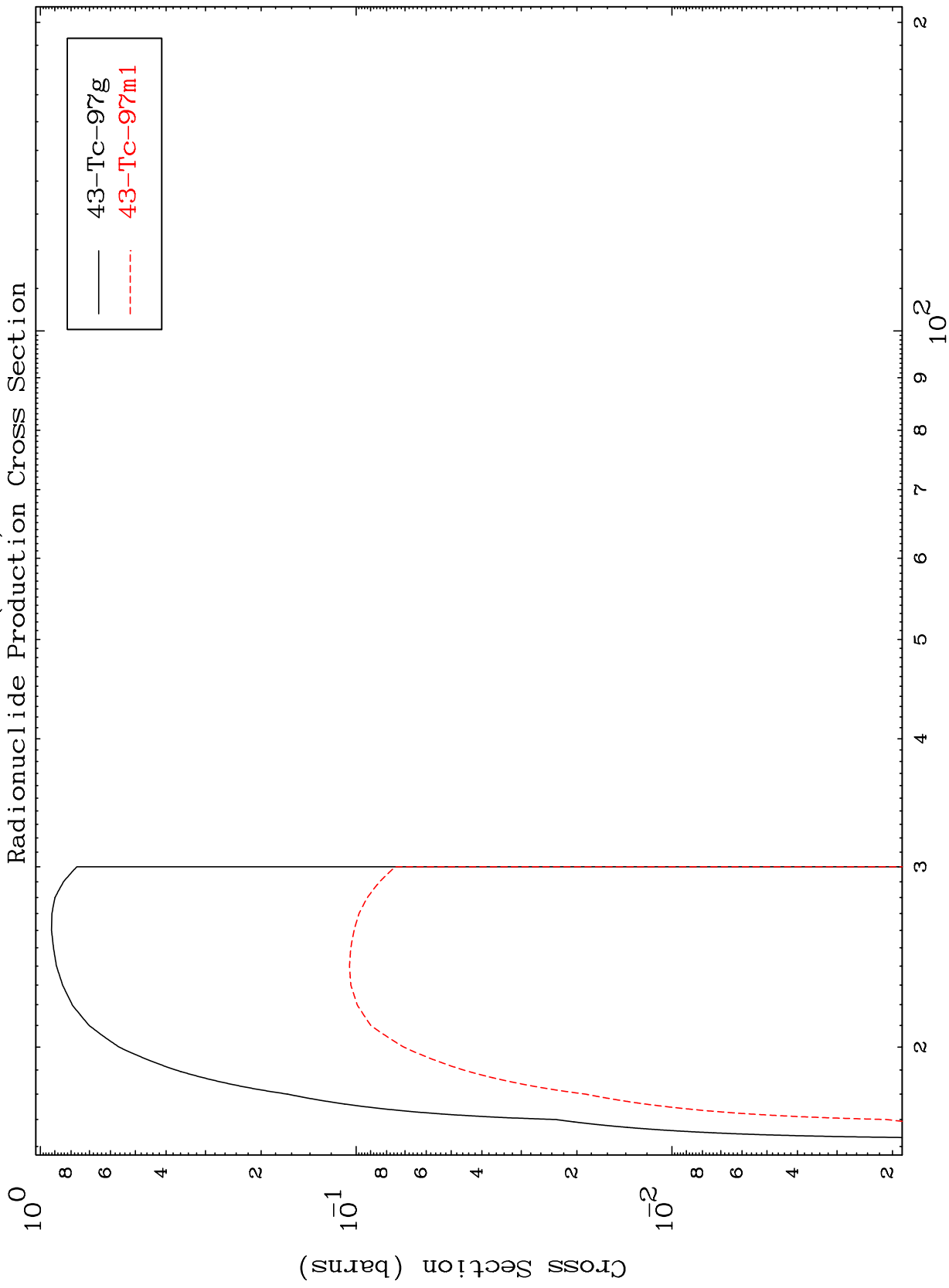
Inelastic  
Radionuclide Production Cross Section



MAT 4326

43-Tc-99

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

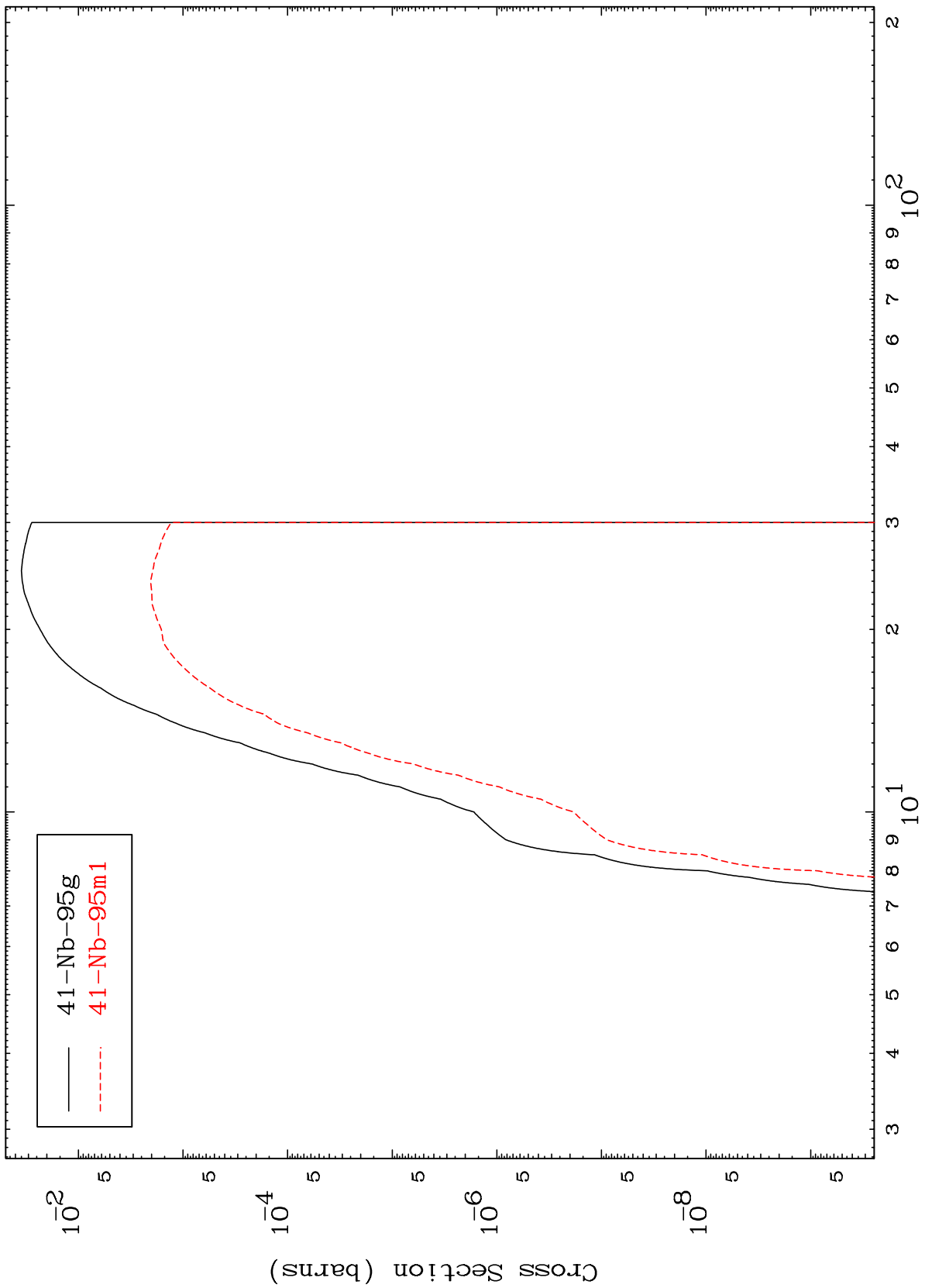
43-Tc-99

MAT 4326

(n,n')  $\alpha$

43-Tc-99

Radionuclide Production Cross Section



21

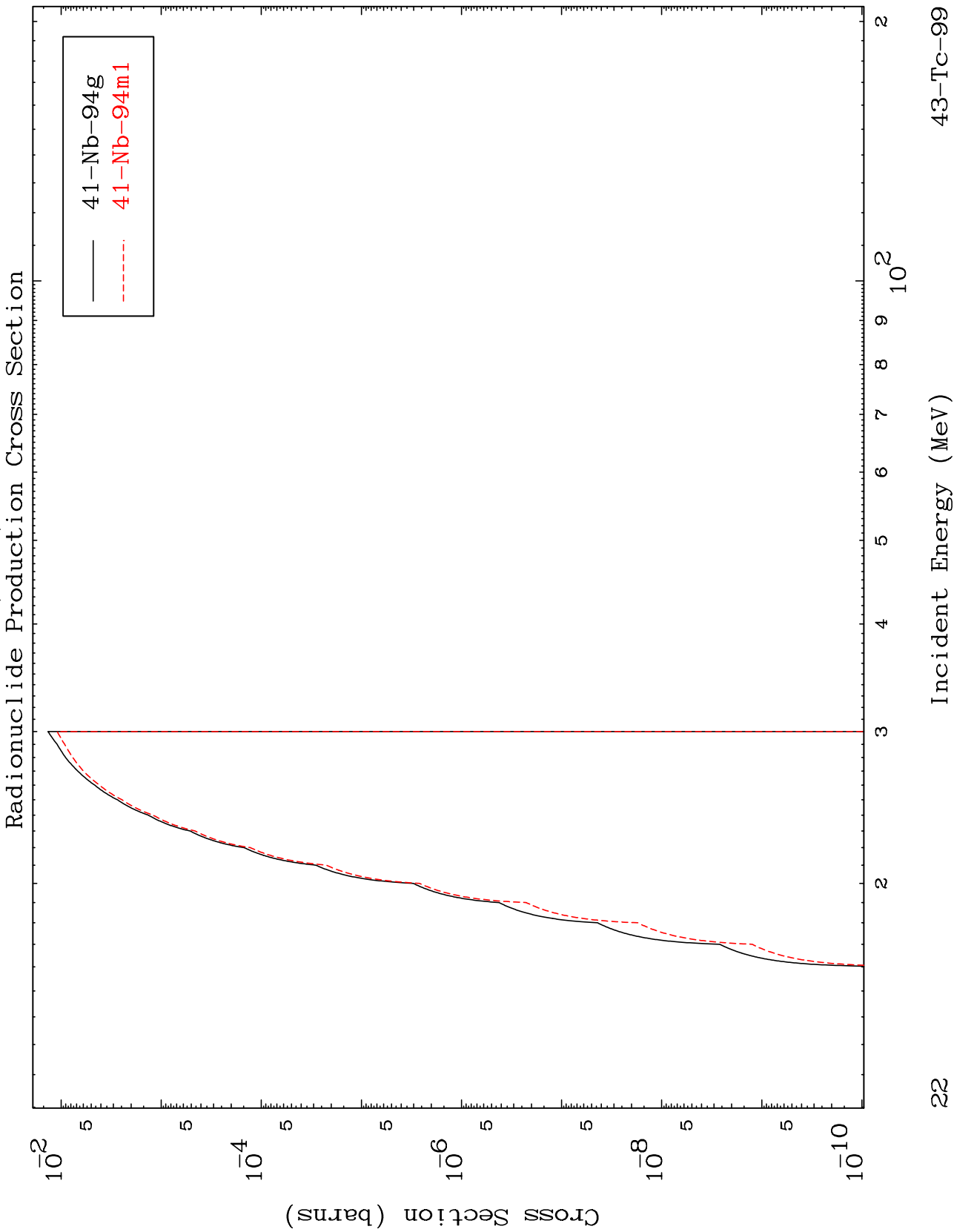
Incident Energy (MeV)

43-Tc-99

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(n,2n)  $\alpha$

43-Tc-99



22

Incident Energy (MeV)

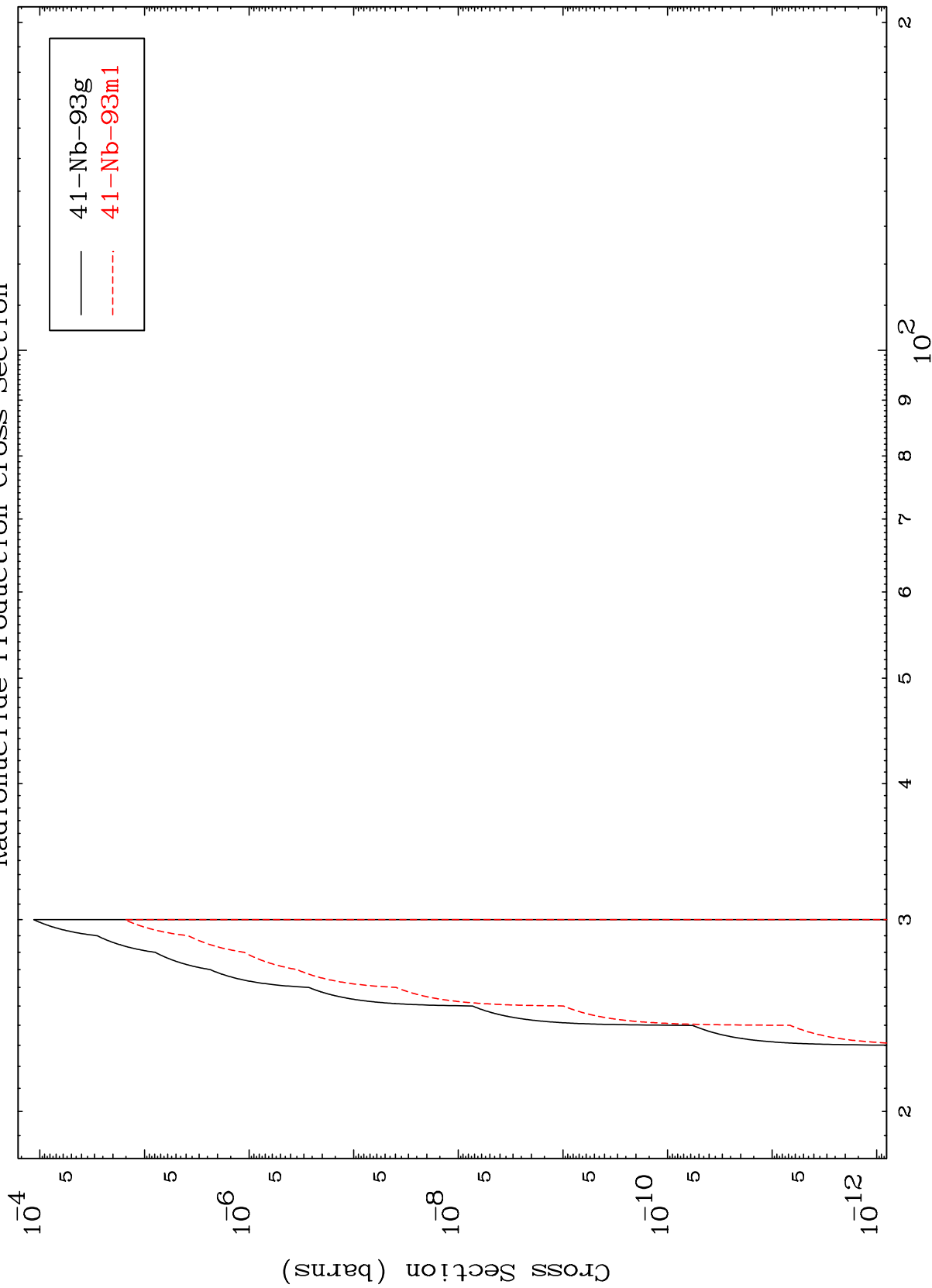
43-Tc-99

MAT 4326

(n,3n)  $\alpha$

43-Tc-99

Radionuclide Production Cross Section



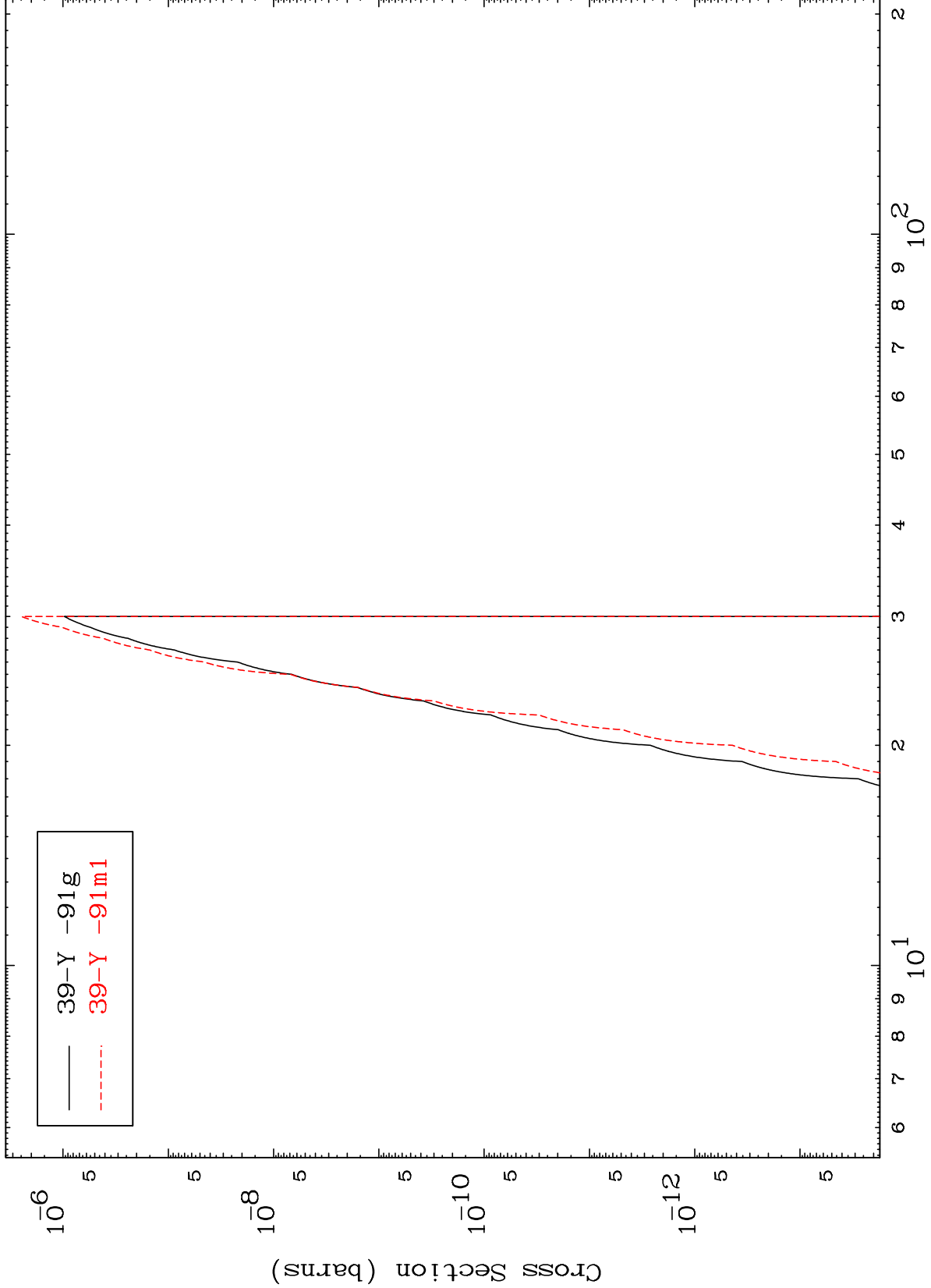


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(n,n') 2α

43-Tc-99

Radionuclide Production Cross Section



24

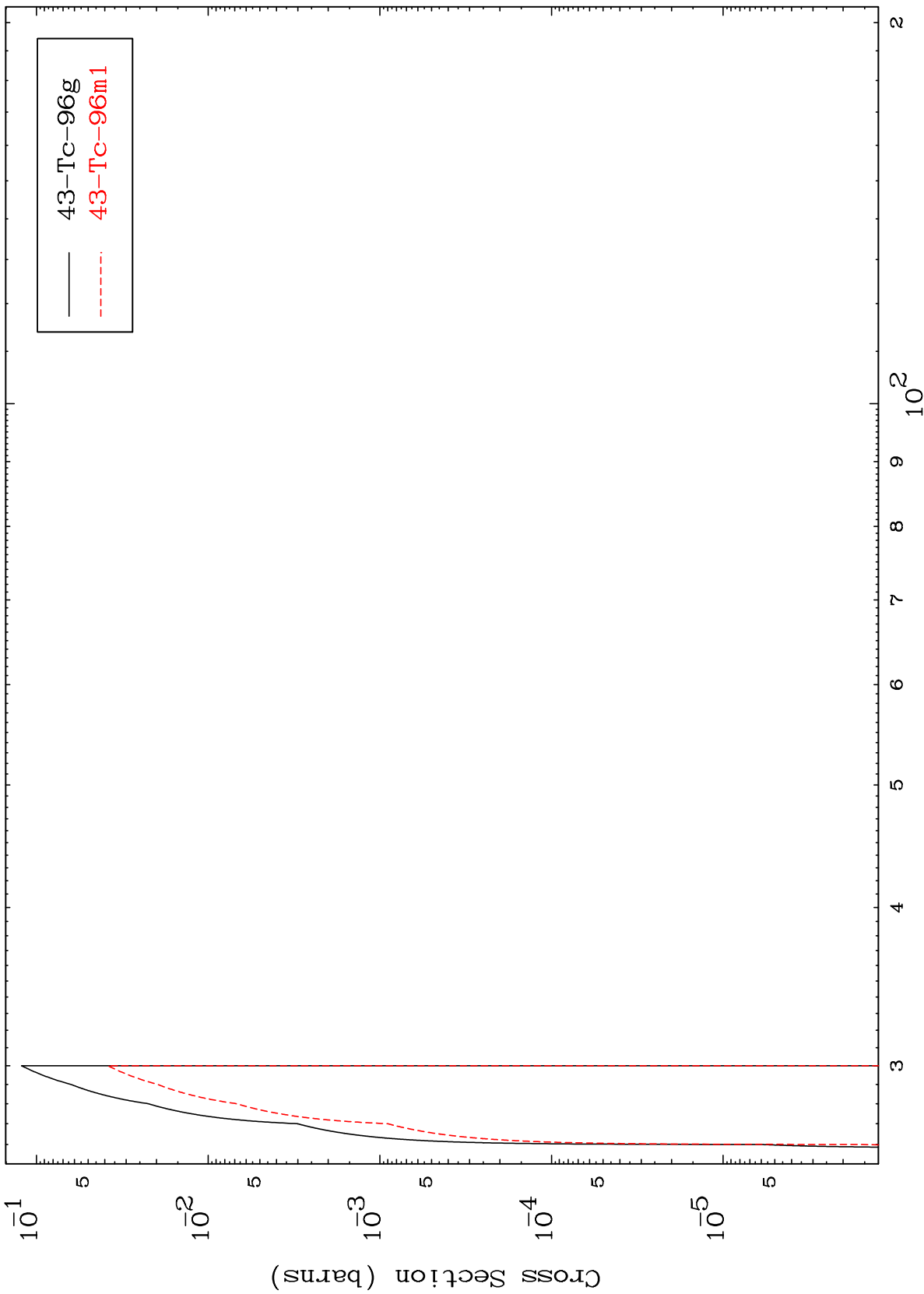
Incident Energy (MeV)

43-Tc-99

MAT 4326

43-Tc-99

(n,4n)  
Radionuclide Production Cross Section



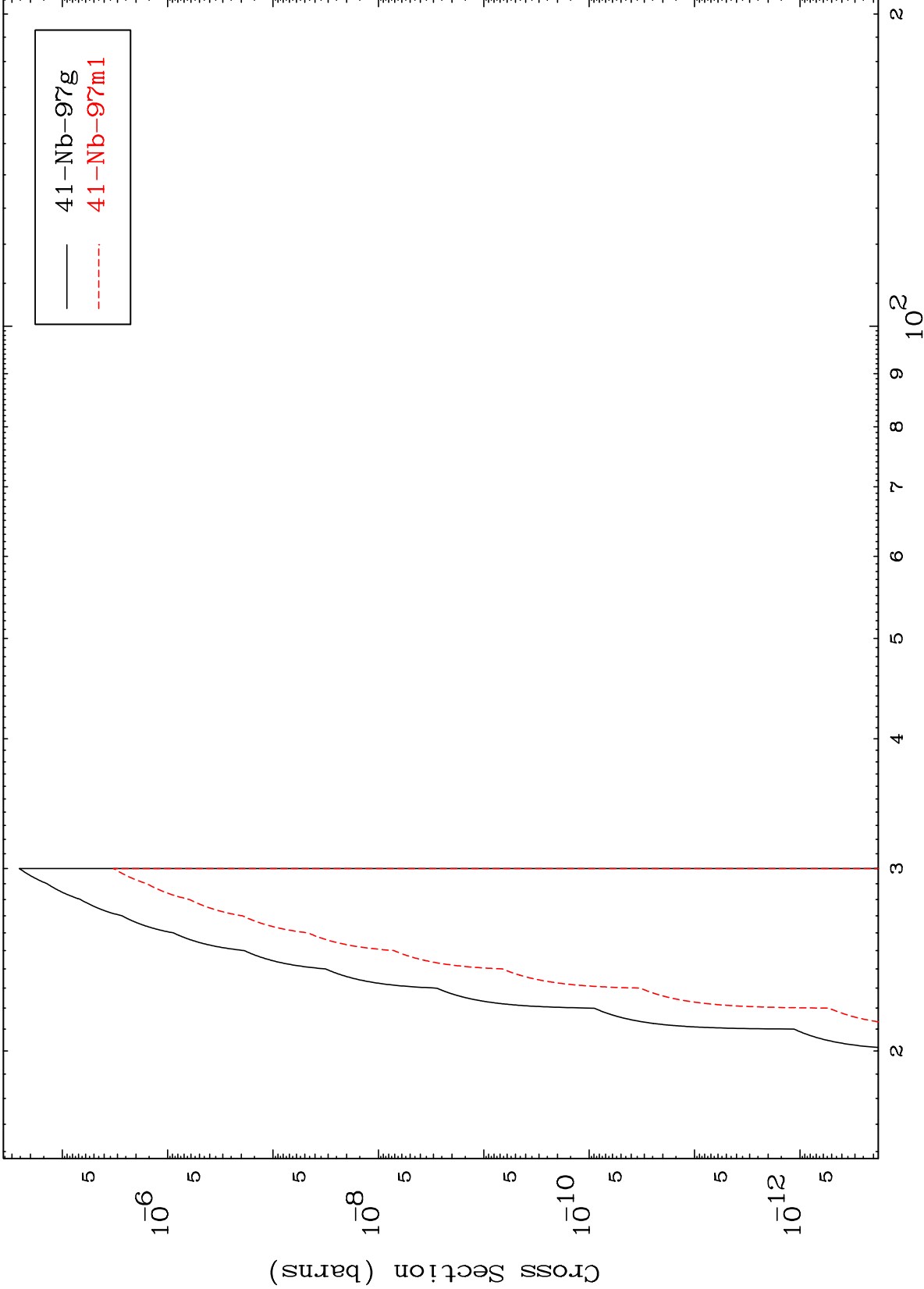
43-Tc-96g  
43-Tc-96m1

43-Tc-99

Incident Energy (MeV)

25

Radionuclide Production Cross Section



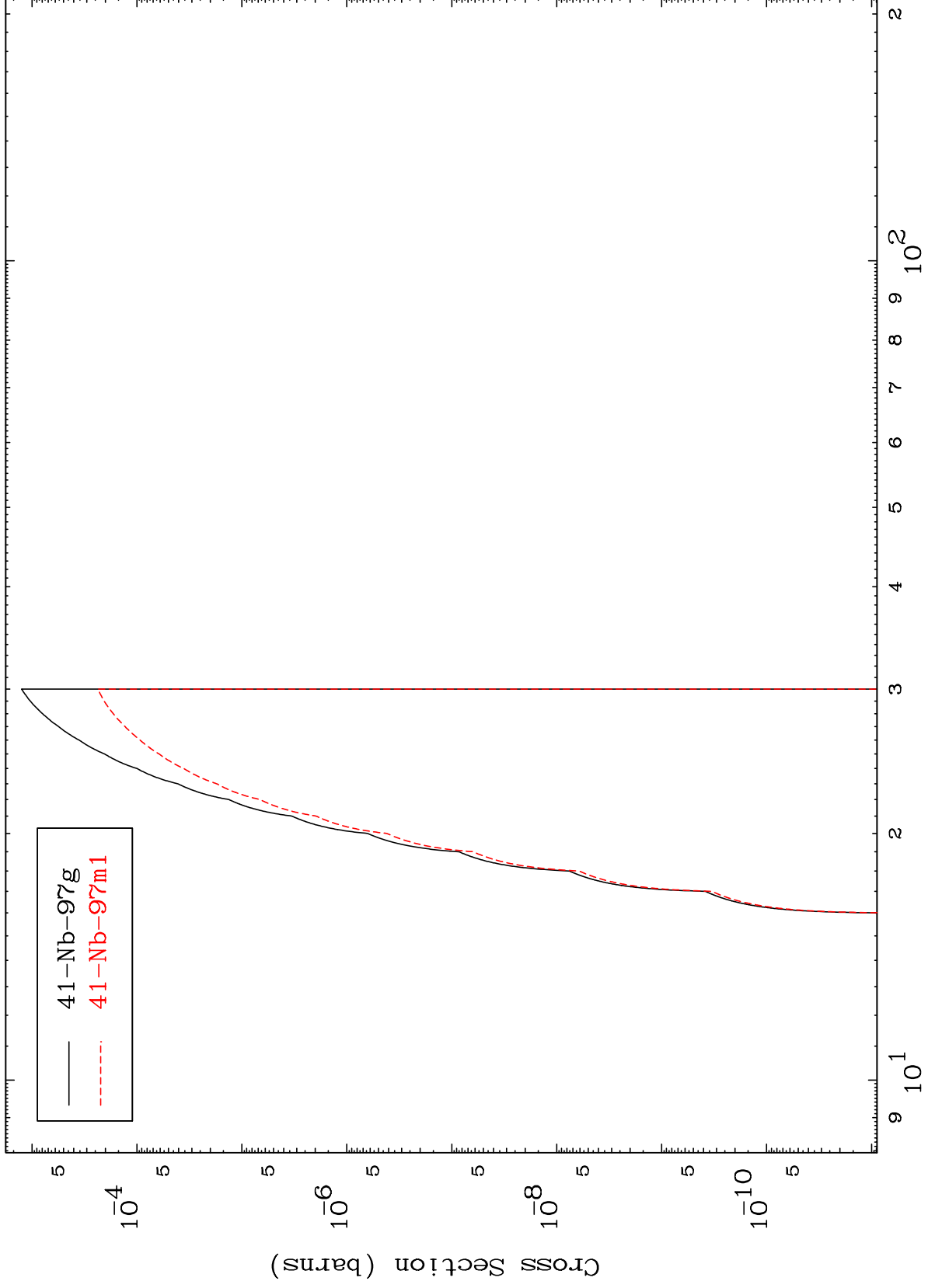
41-Nb-97g  
41-Nb-97m1

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(n,He-3)

43-Tc-99

Radionuclide Production Cross Section



27

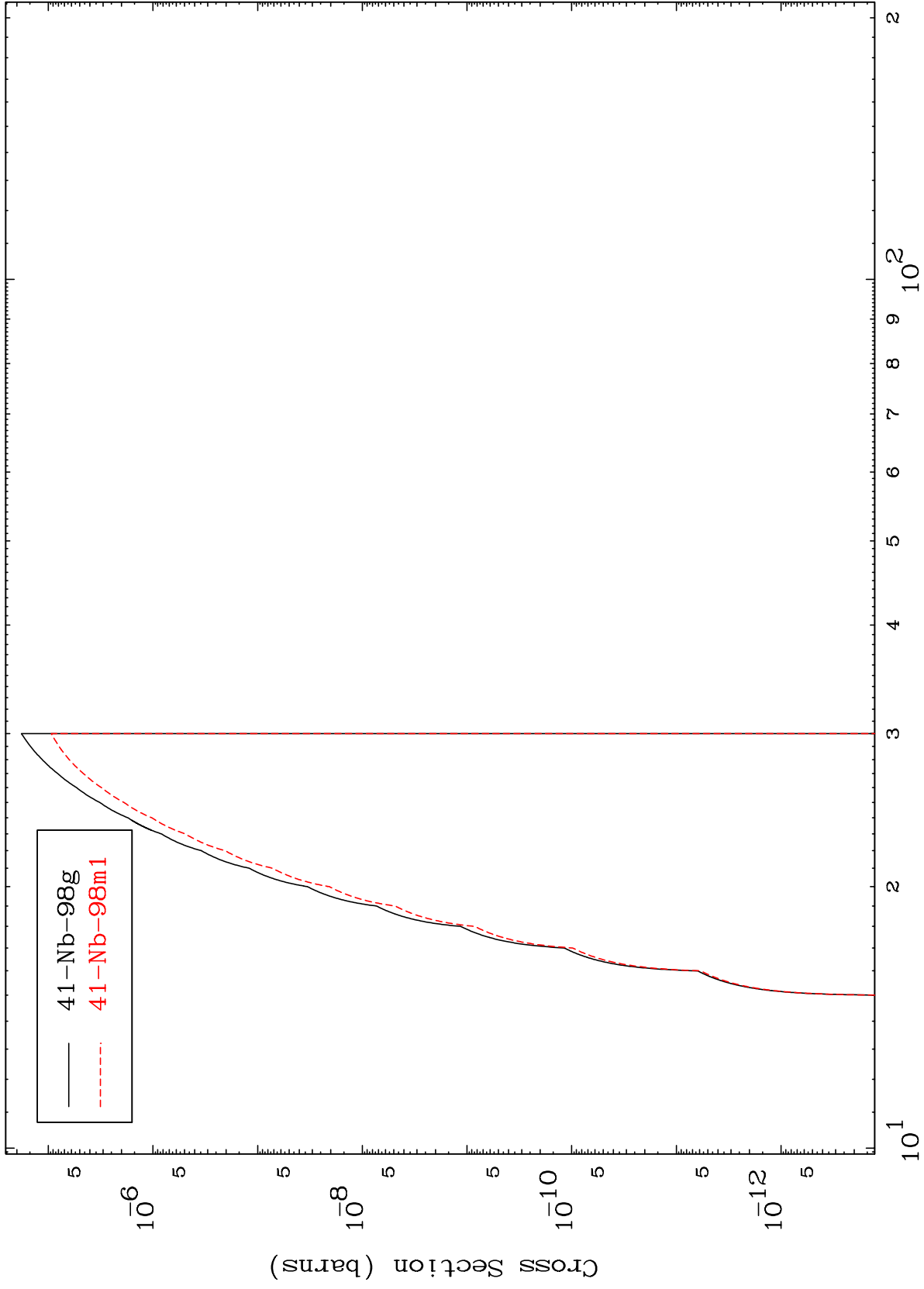
Incident Energy (MeV)

43-Tc-99

MAT 4326

43-Tc-99

(n,2p)  
Radionuclide Production Cross Section



43-Tc-99

Incident Energy (MeV)

28

