

Program EVALPLOT  
(Version 2017-1)

by

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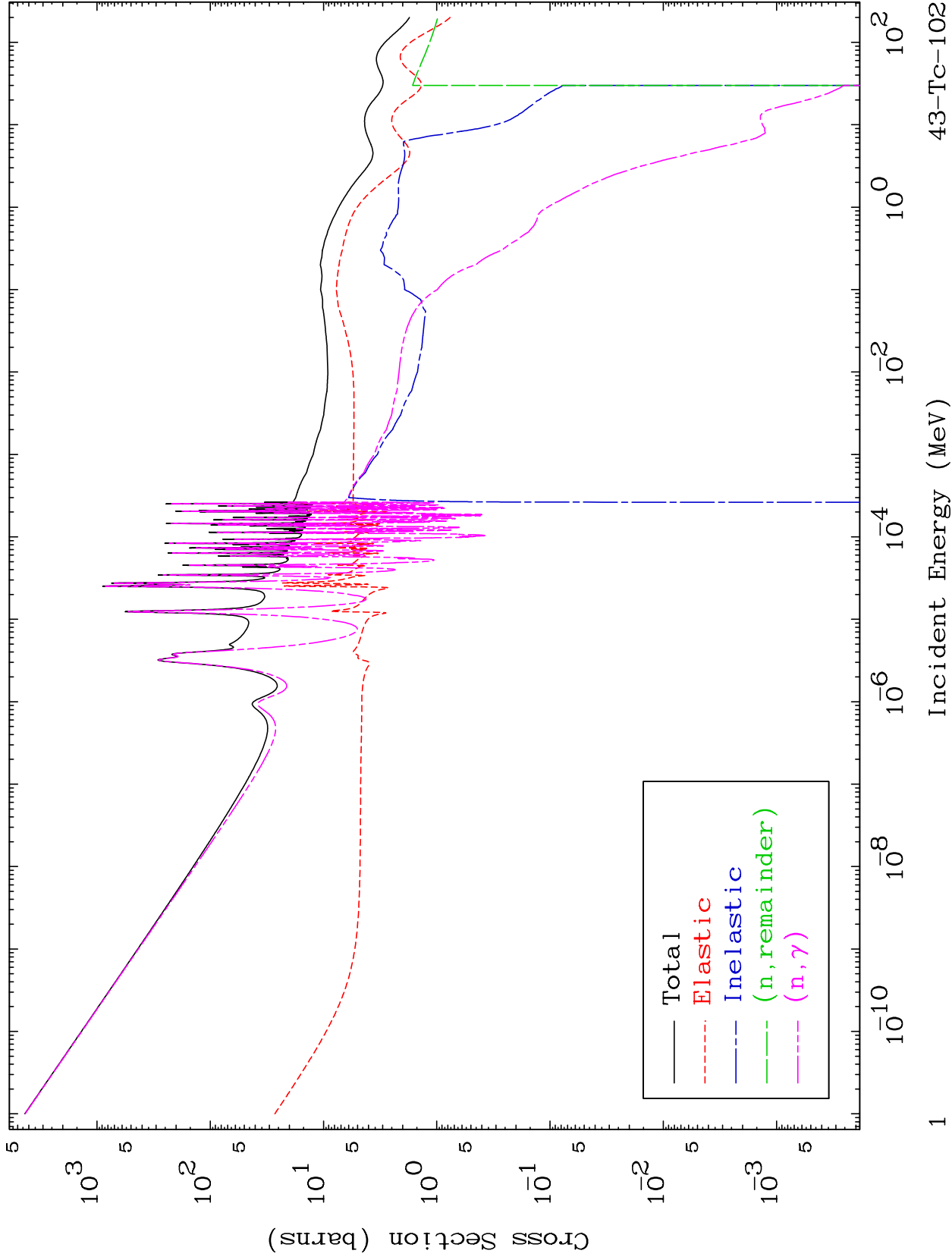
Press Mouse Button to Start

MAT 4335

Major

293 Kelvin Cross Sections

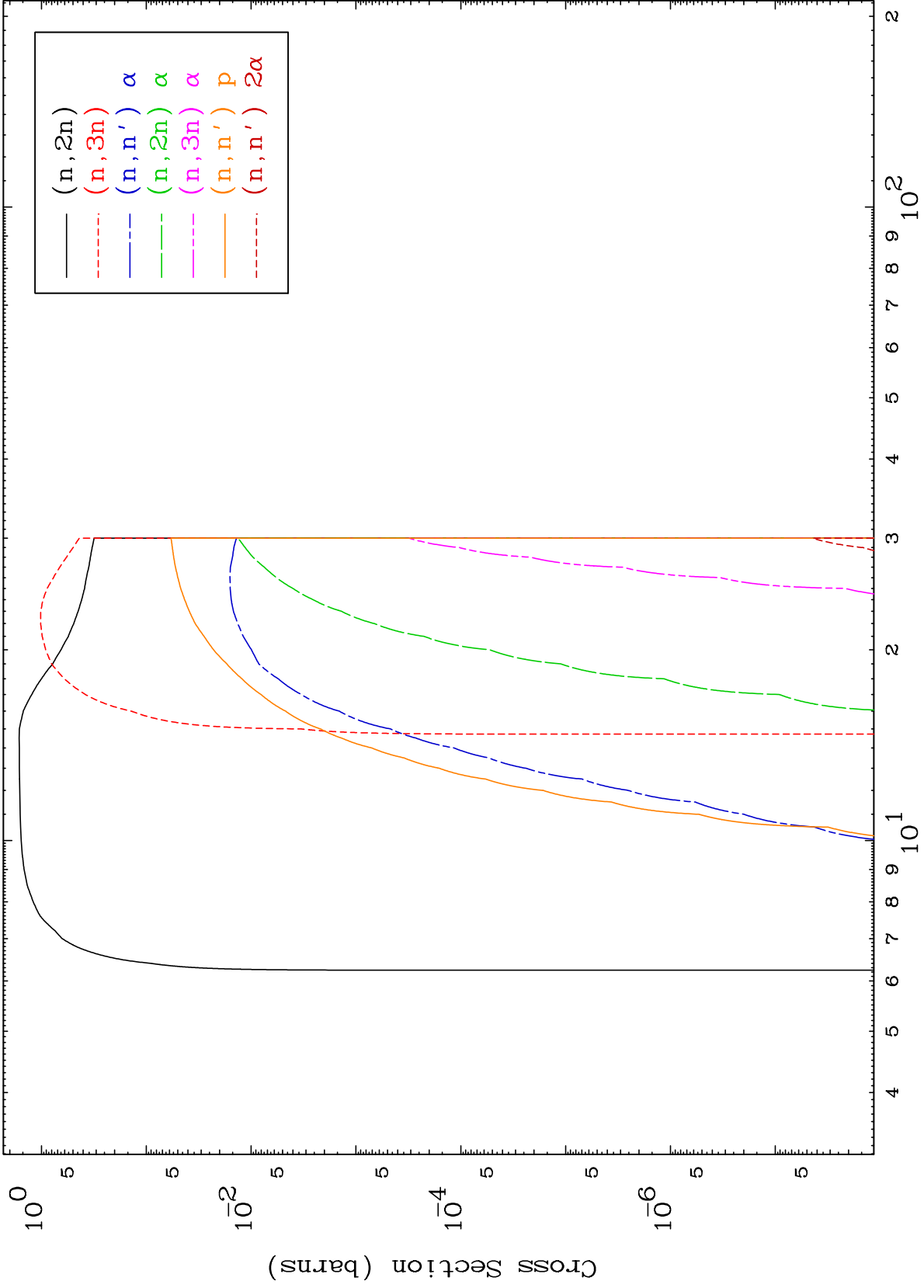
43-Tc-102



MAT 4335

Neutron Production  
293 Kelvin Cross Sections

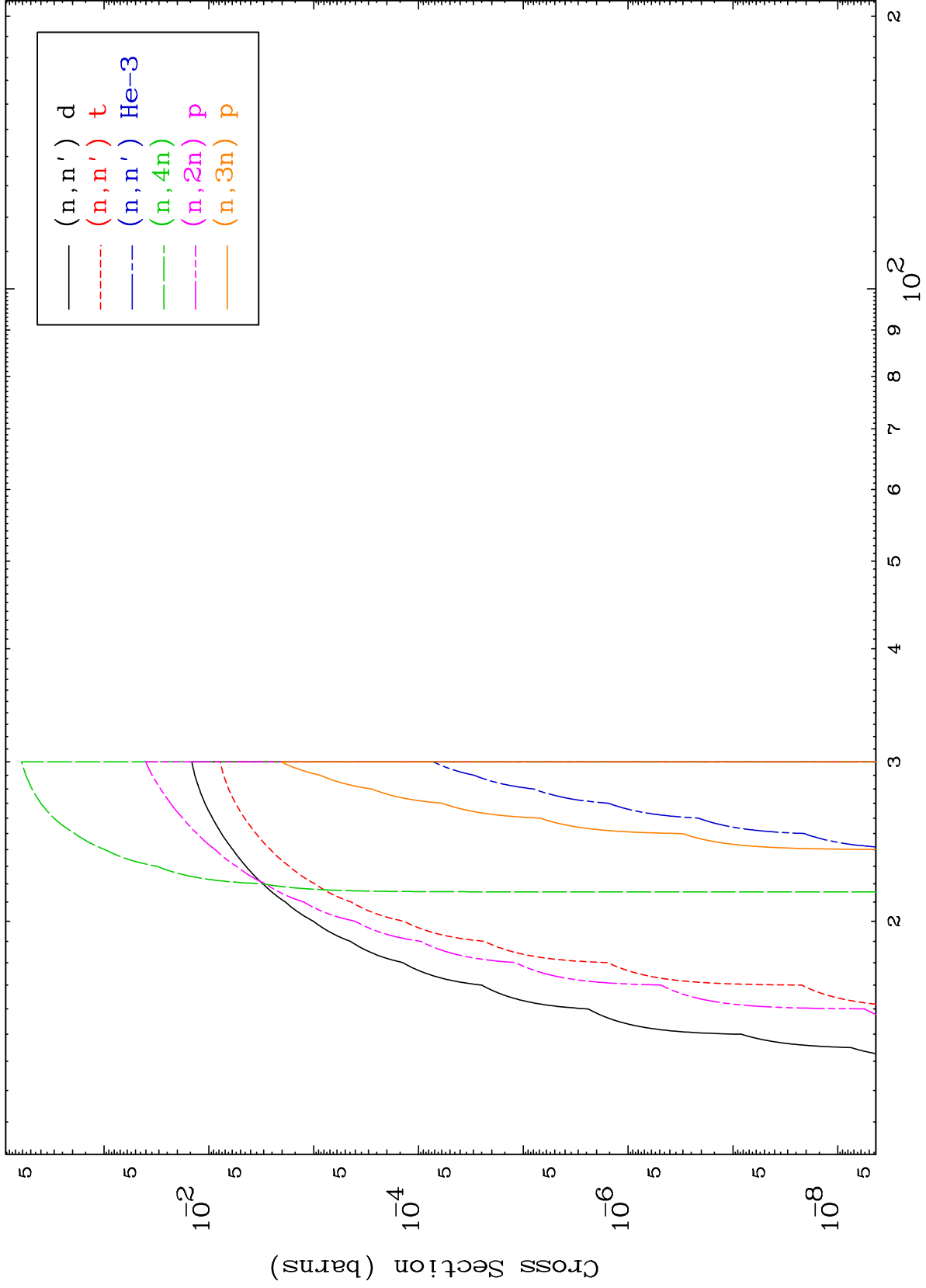
43-Tc-102

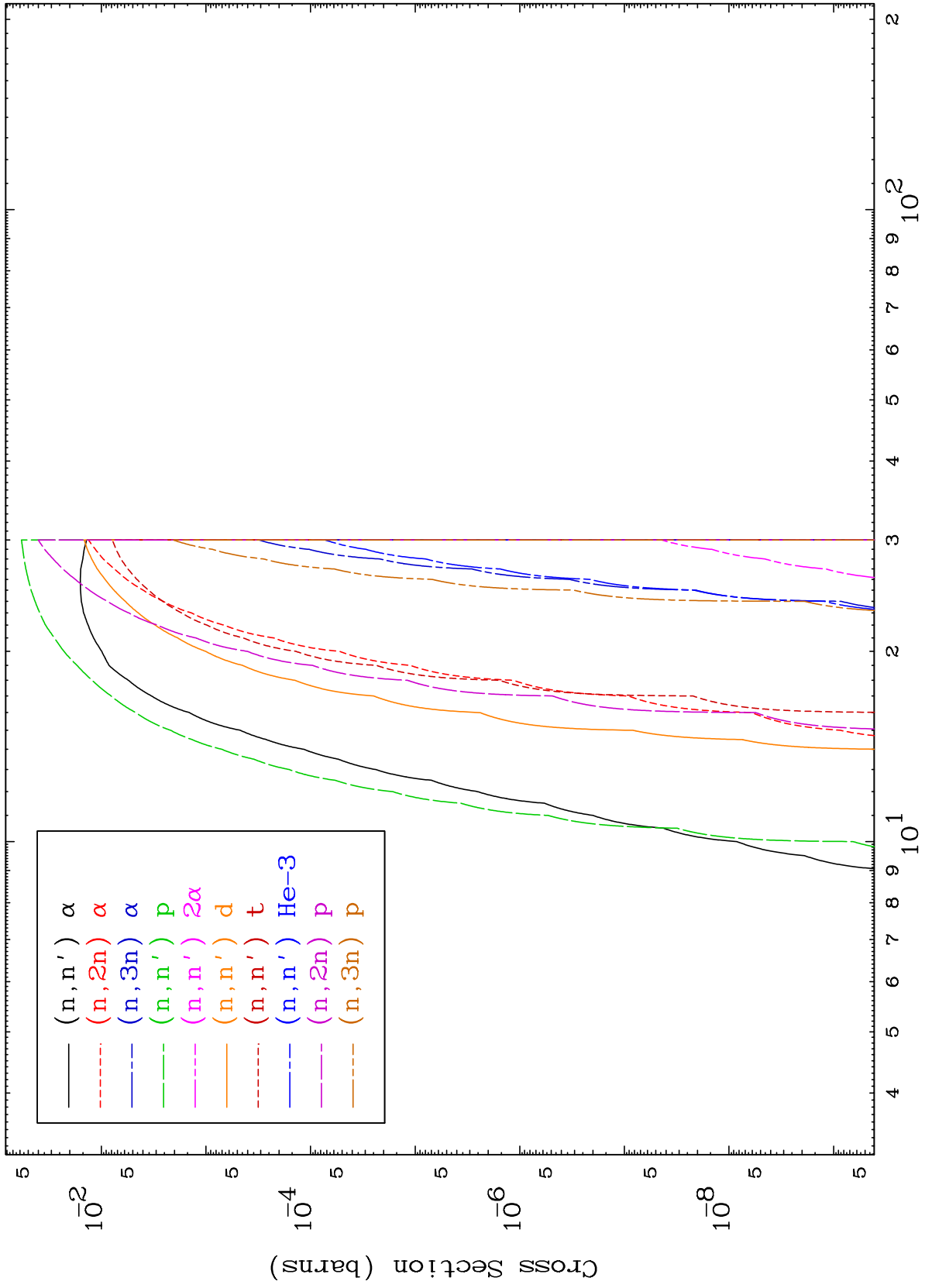


2

Incident Energy (MeV)

43-Tc-102

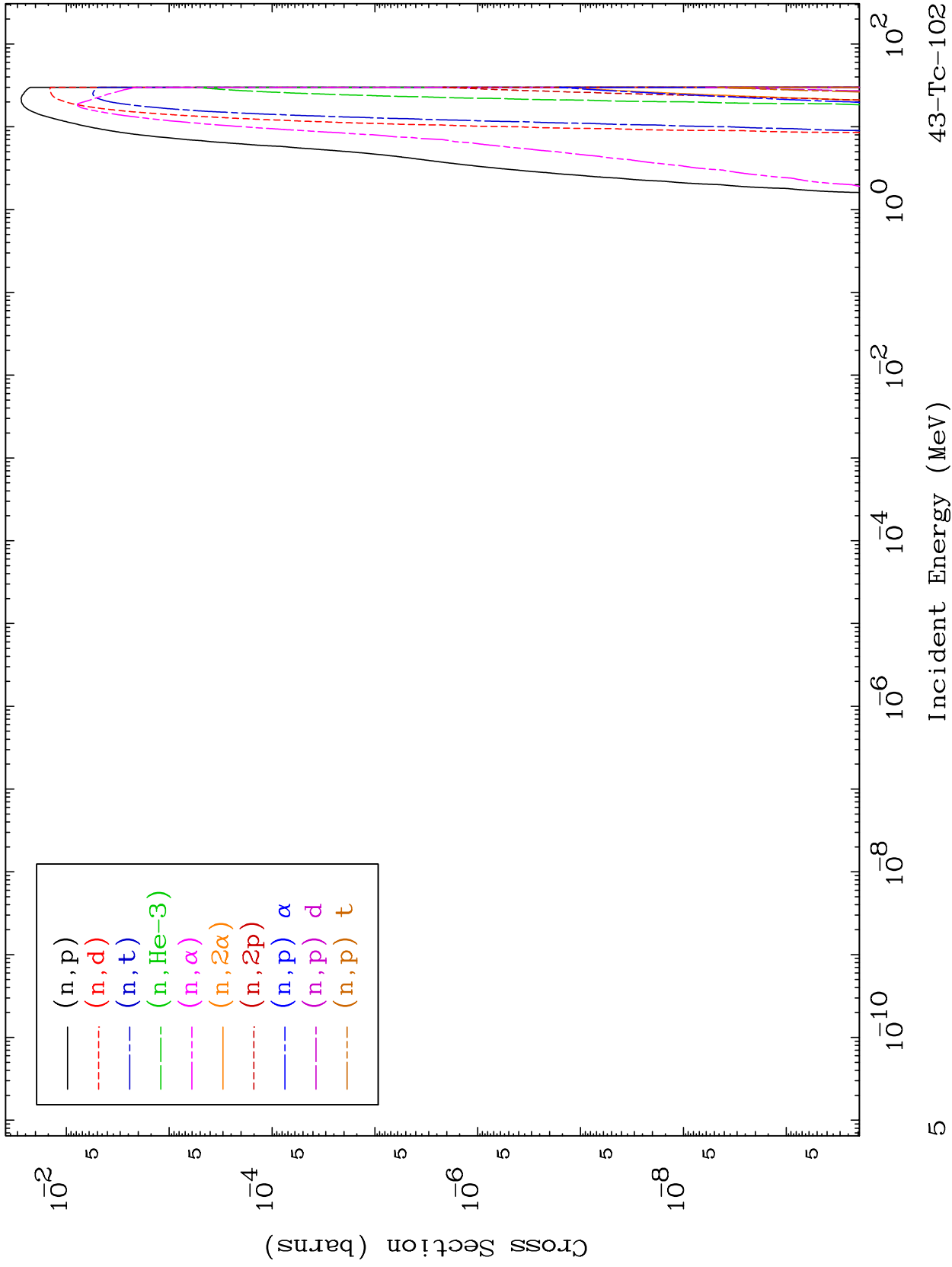




MAT 4335

Charged Particle  
293 Kelvin Cross Sections

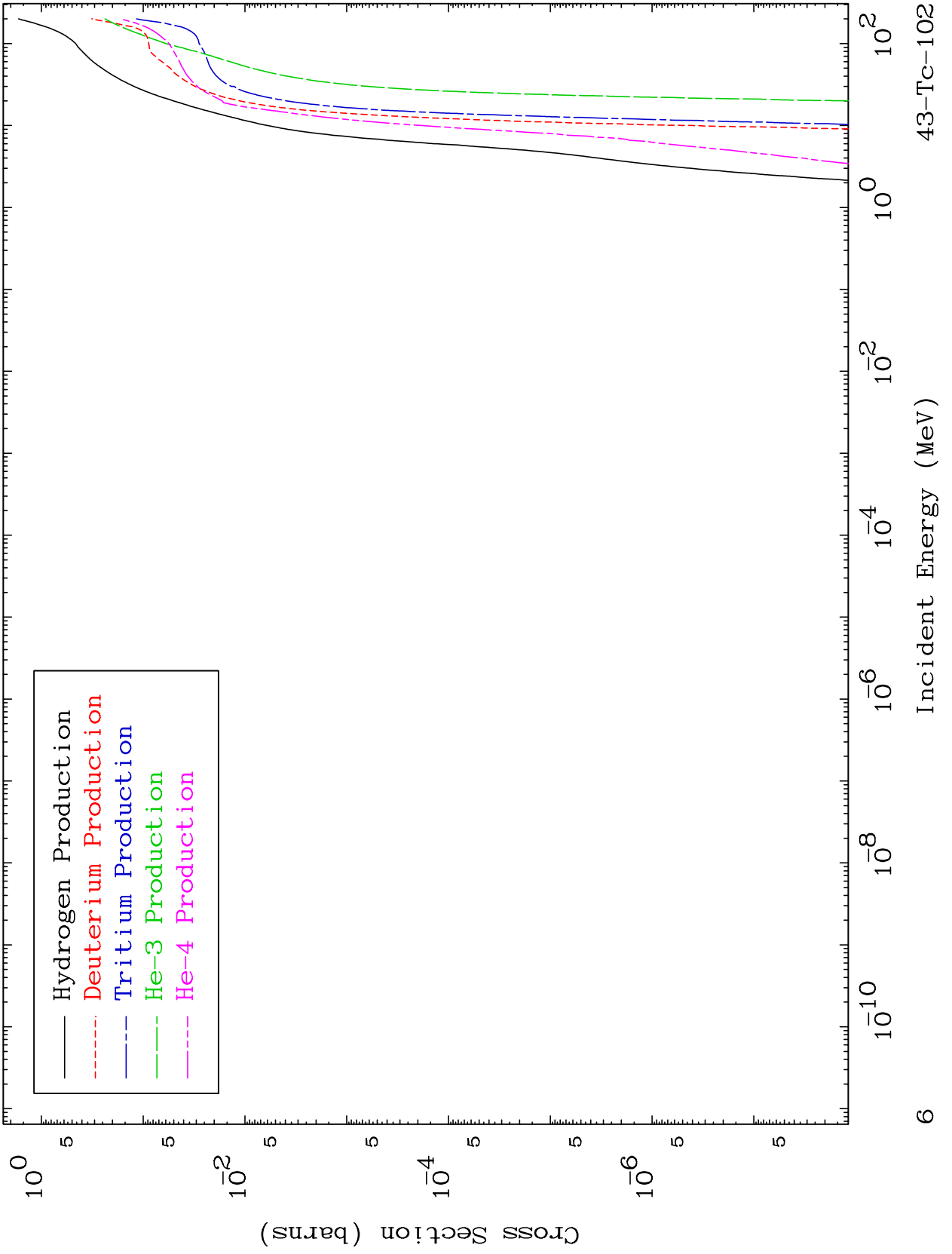
43-Tc-102



MAT 4335

Particle Production  
293 Kelvin Cross Sections

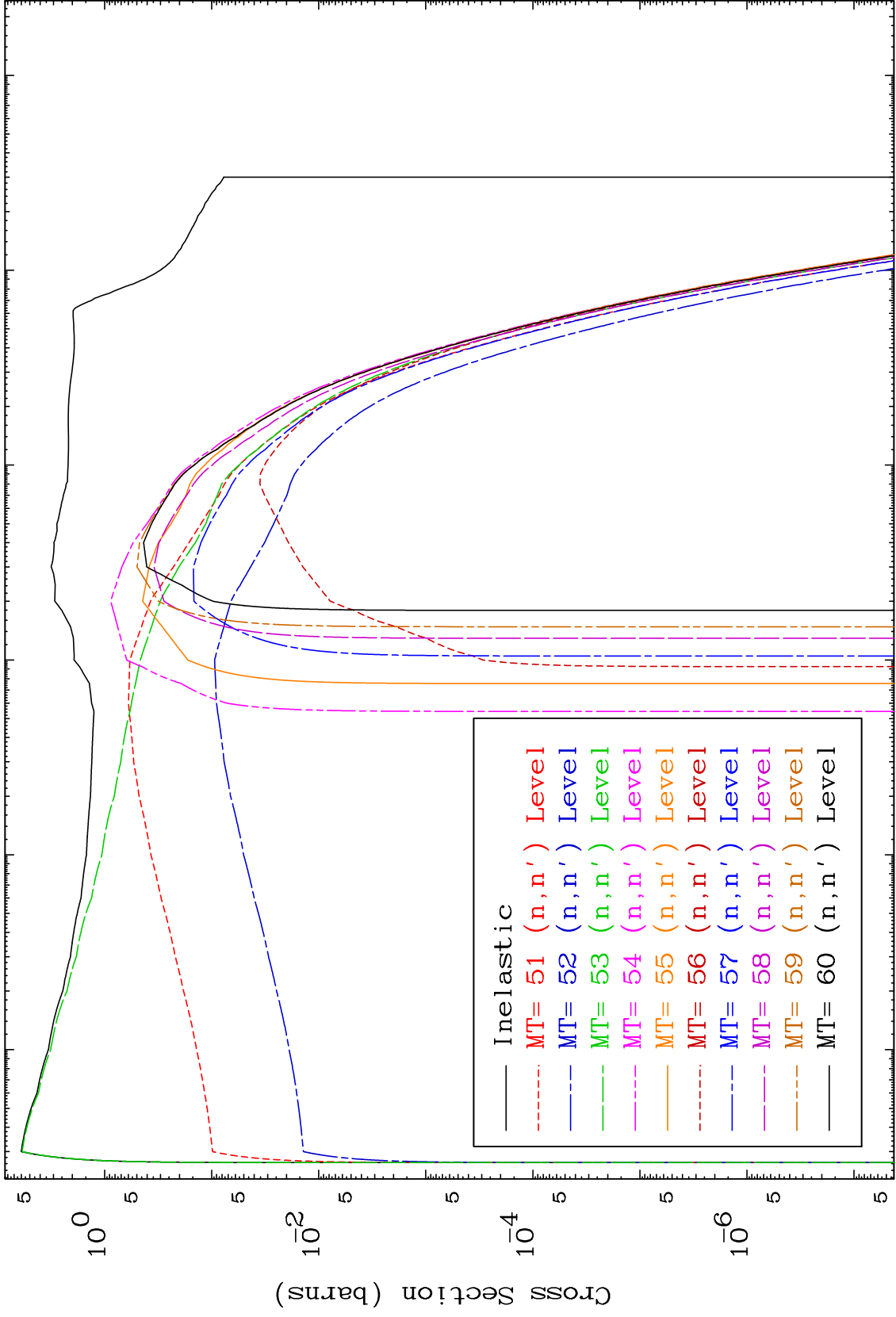
43-Tc-102



MAT 4335

(n,n') Level  
293 Kelvin Cross Sections

43-Tc-102



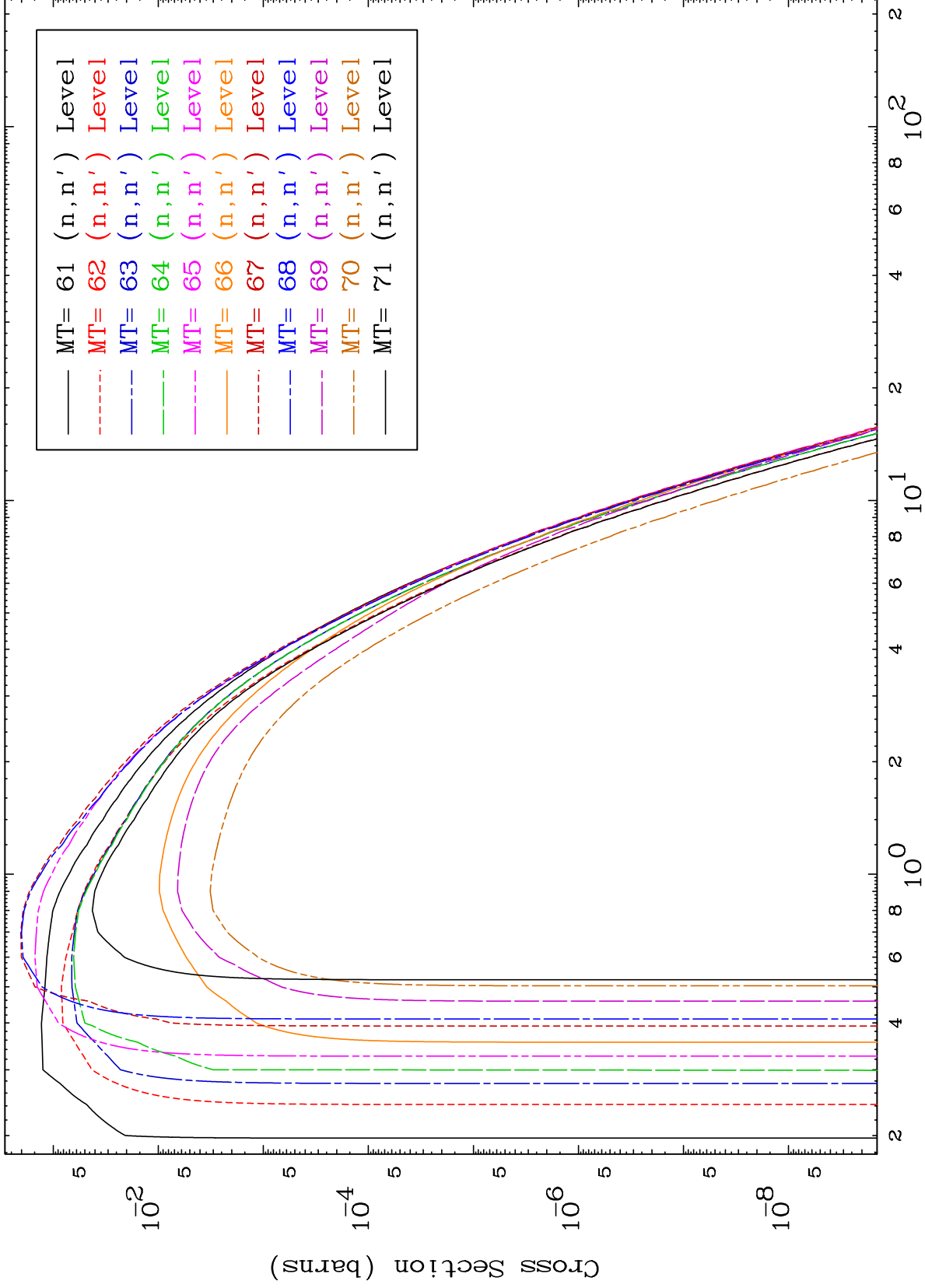


MAT 4335

(n,n') Level

43-Tc-102

293 Kelvin Cross Sections



8

Incident Energy (MeV)

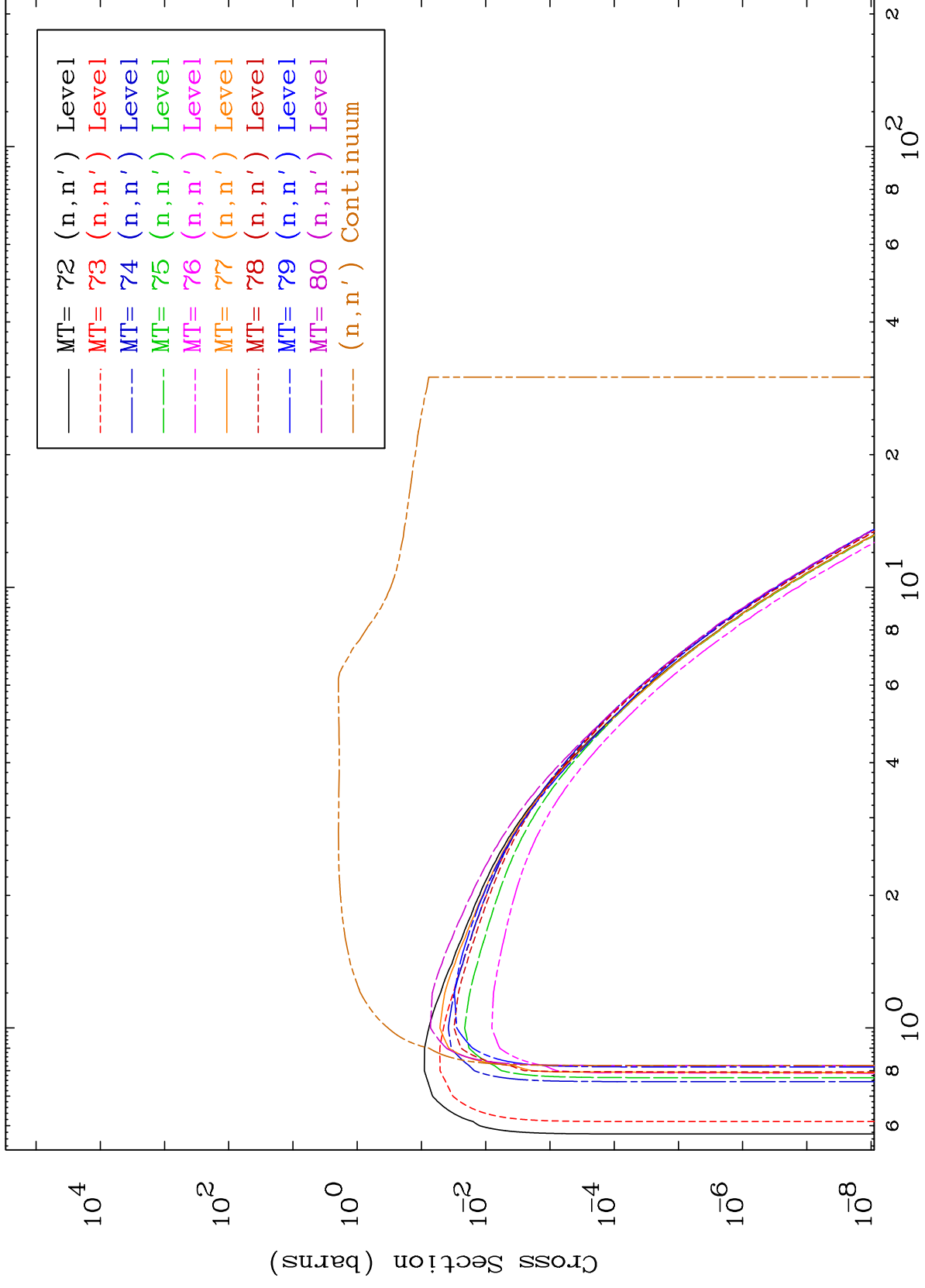
43-Tc-102

MAT 4335

(n,n') Level

43-Tc-102

293 Kelvin Cross Sections



9

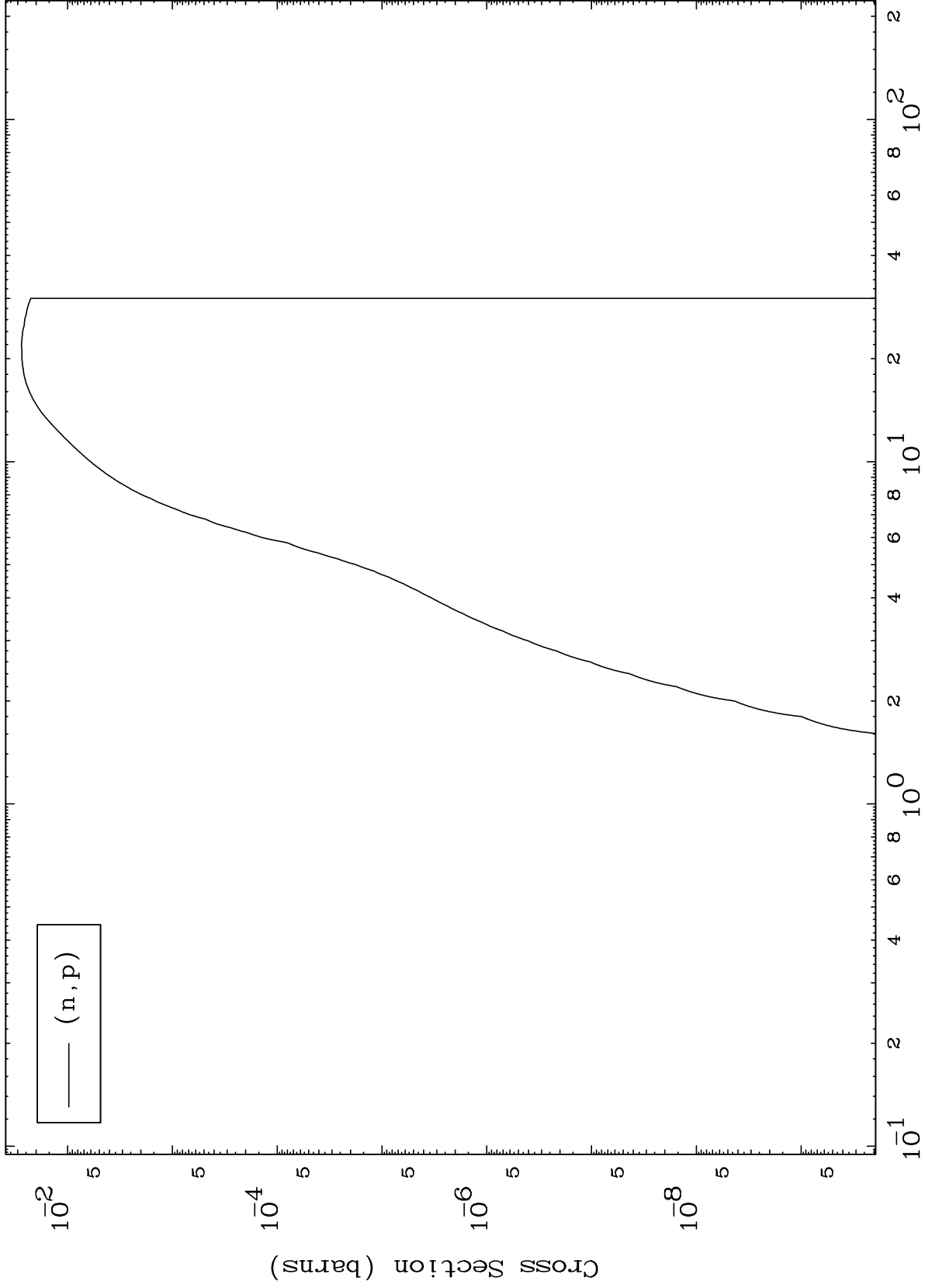
Incident Energy (MeV)

43-Tc-102

MAT 4335

(n,p) Levels  
293 Kelvin Cross Sections

43-Tc-102



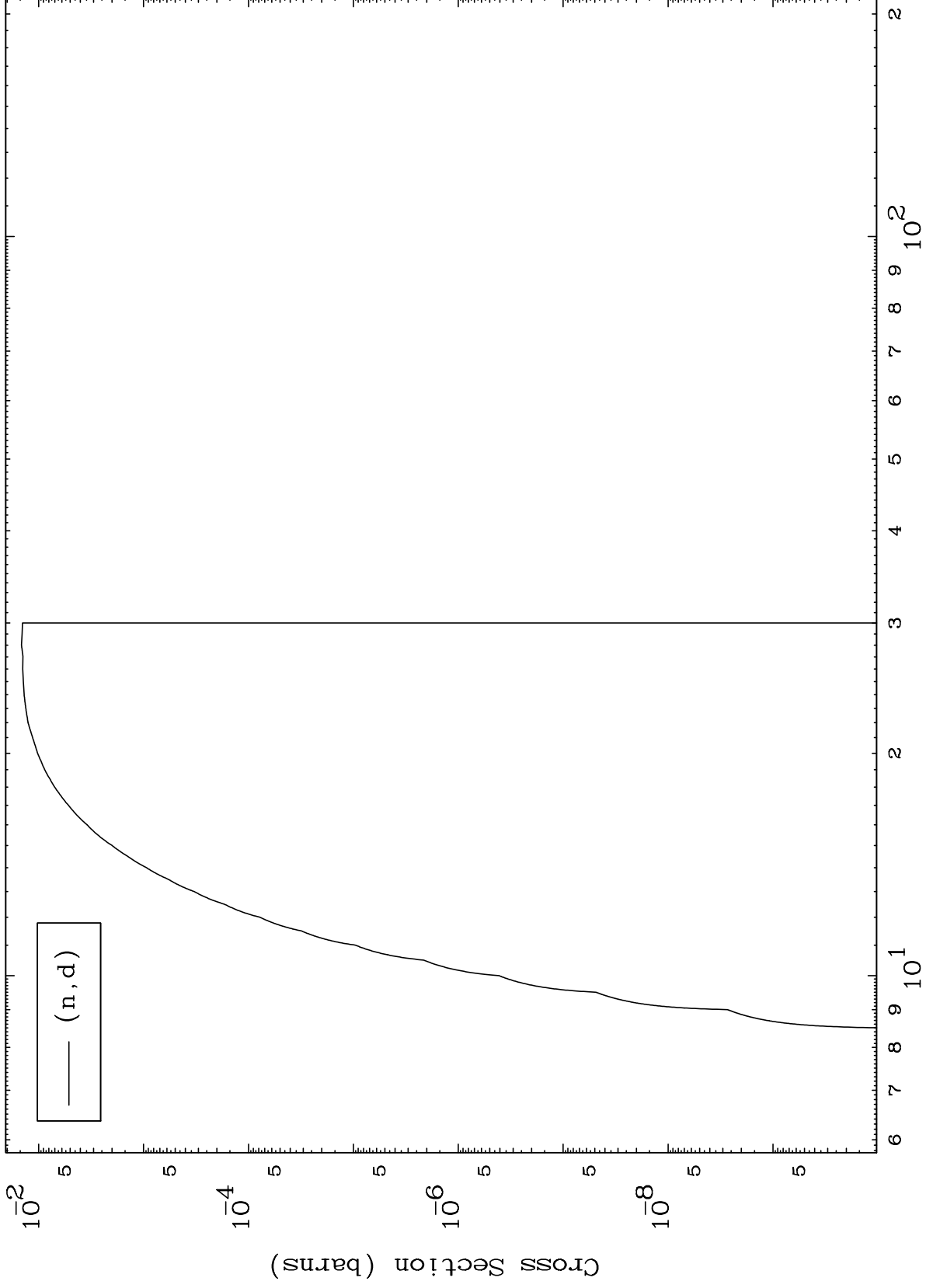
Incident Energy (MeV)

43-Tc-102

MAT 4335

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-102



11

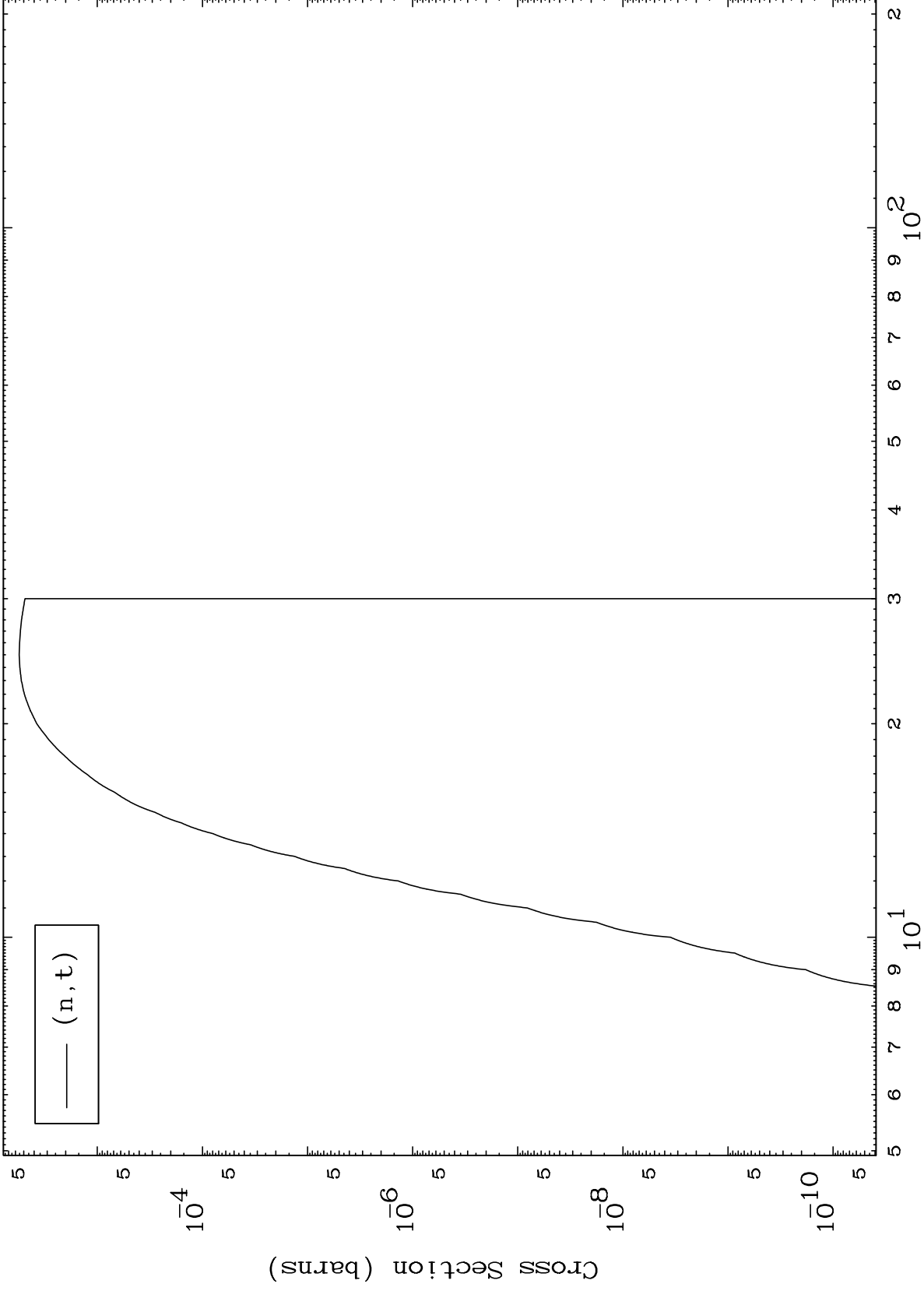
Incident Energy (MeV)

43-Tc-102

MAT 4335

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-102



12

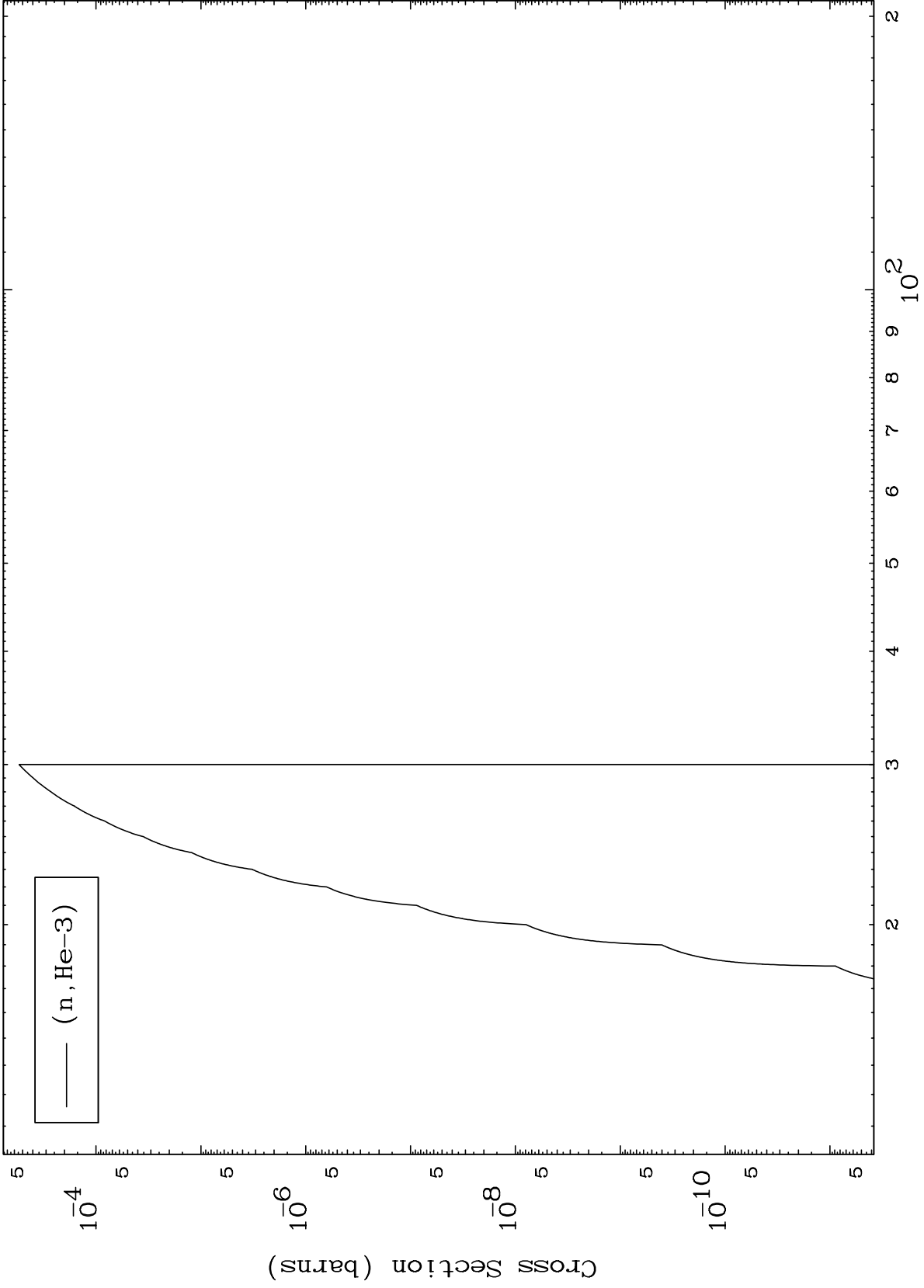
Incident Energy (MeV)

43-Tc-102

MAT 4335

(n,He3) Levels  
293 Kelvin Cross Sections

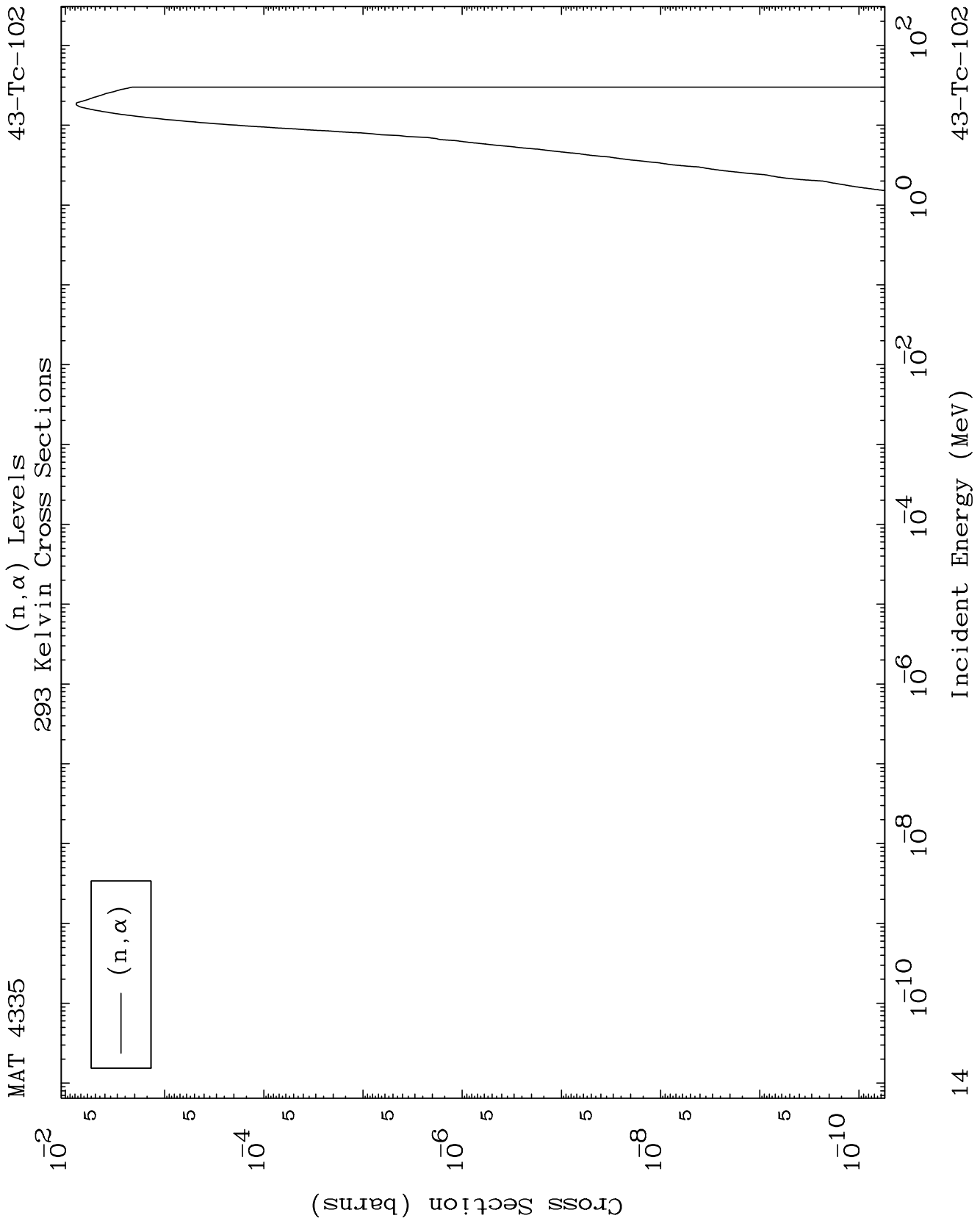
43-Tc-102

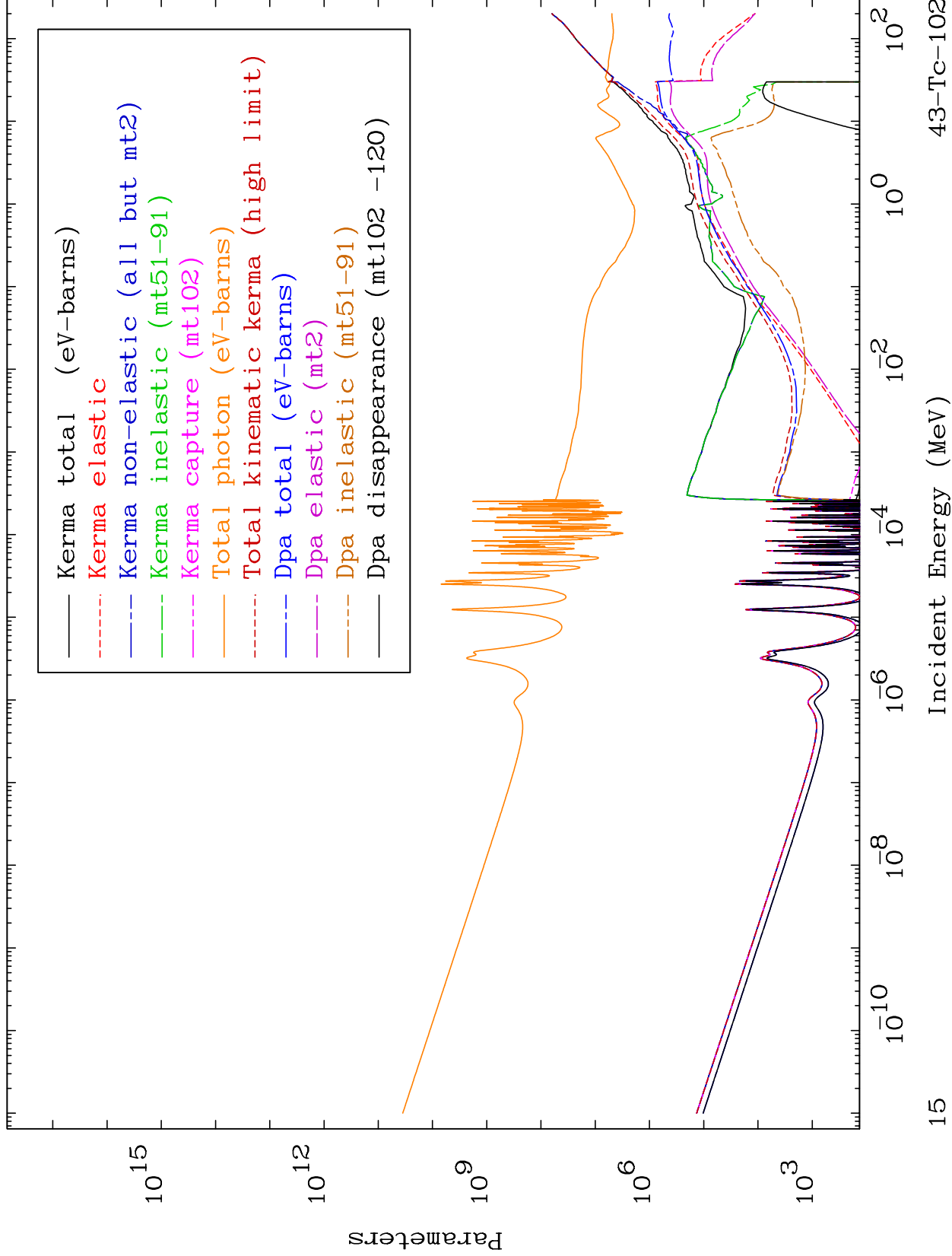


13

Incident Energy (MeV)

43-Tc-102







MAT 4335

Elastic  
Legendre Coefficients

43-Tc-102



16

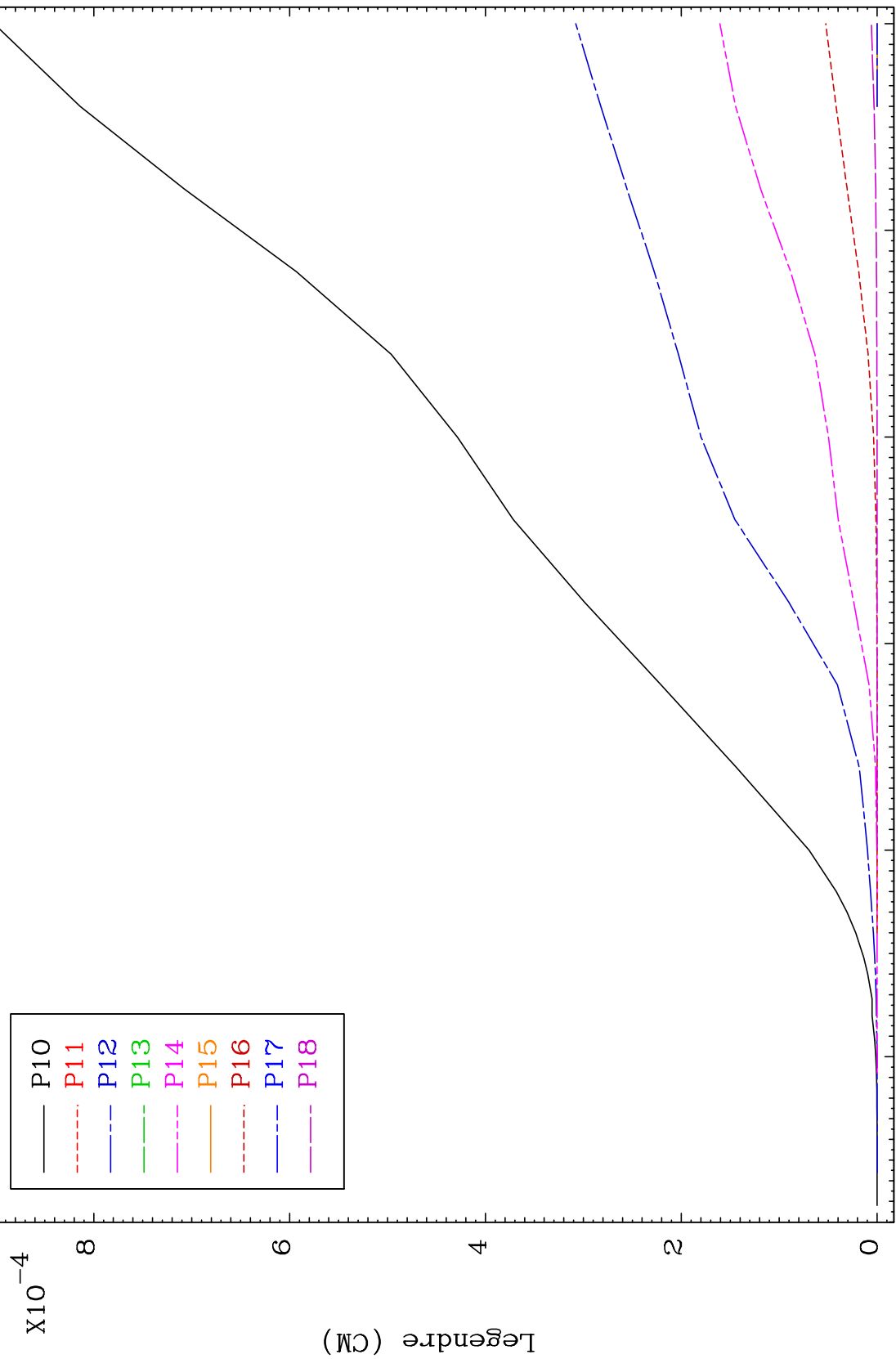
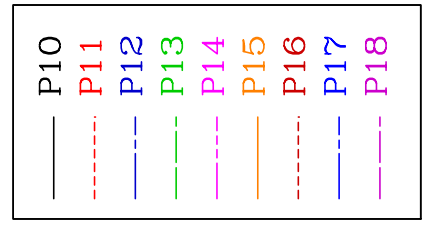
Incident Energy (MeV)

43-Tc-102

MAT 4335

Elastic Legendre Coefficients

43-Tc-102



17

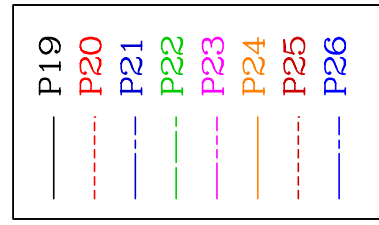
Incident Energy (MeV)

43-Tc-102

MAT 4335

Elastic  
Legendre Coefficients

43-Tc-102



$\times 10^{-3}$

Legendre (CM)

2

1

0

15

20

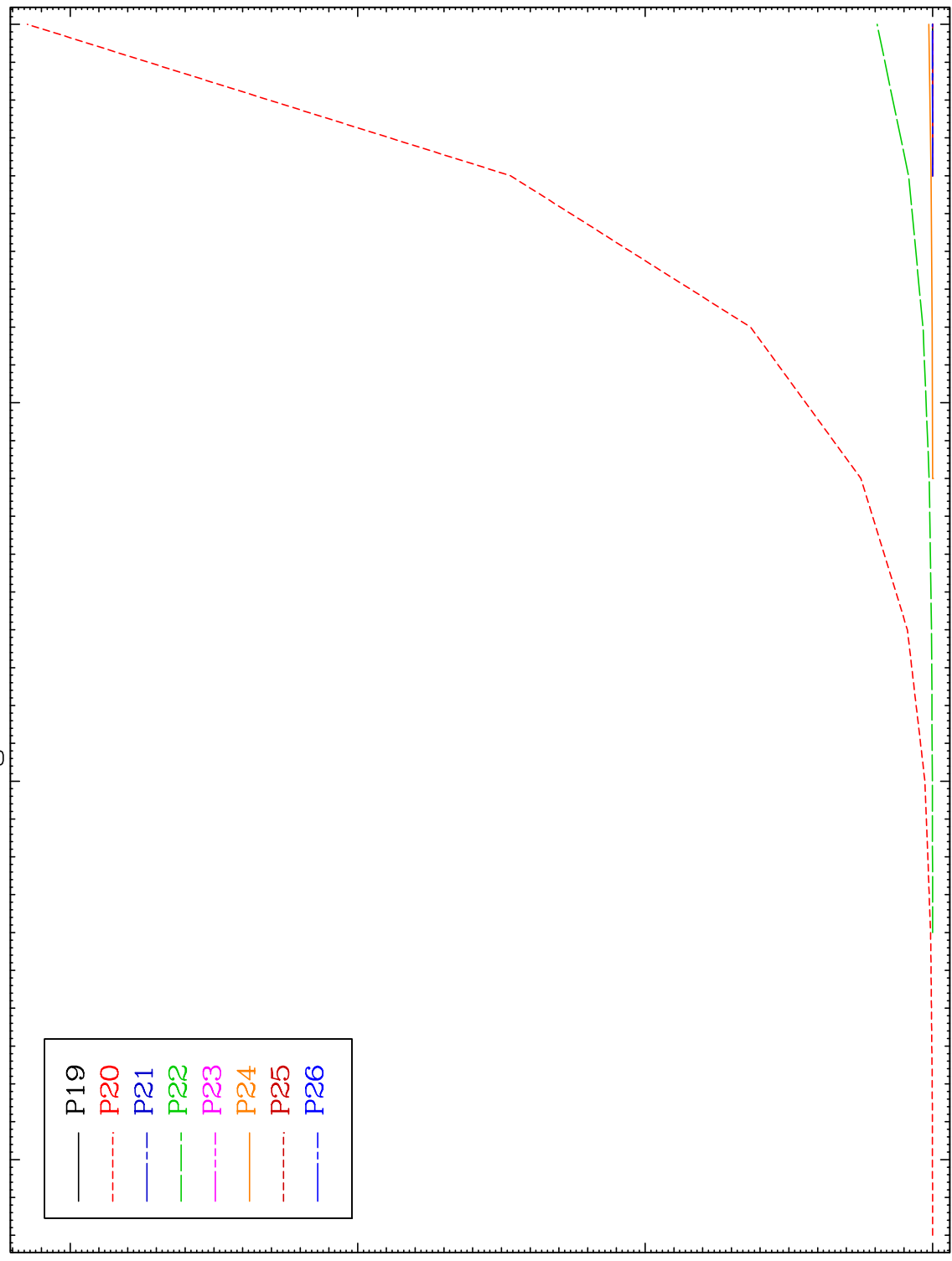
25

30

18

Incident Energy (MeV)

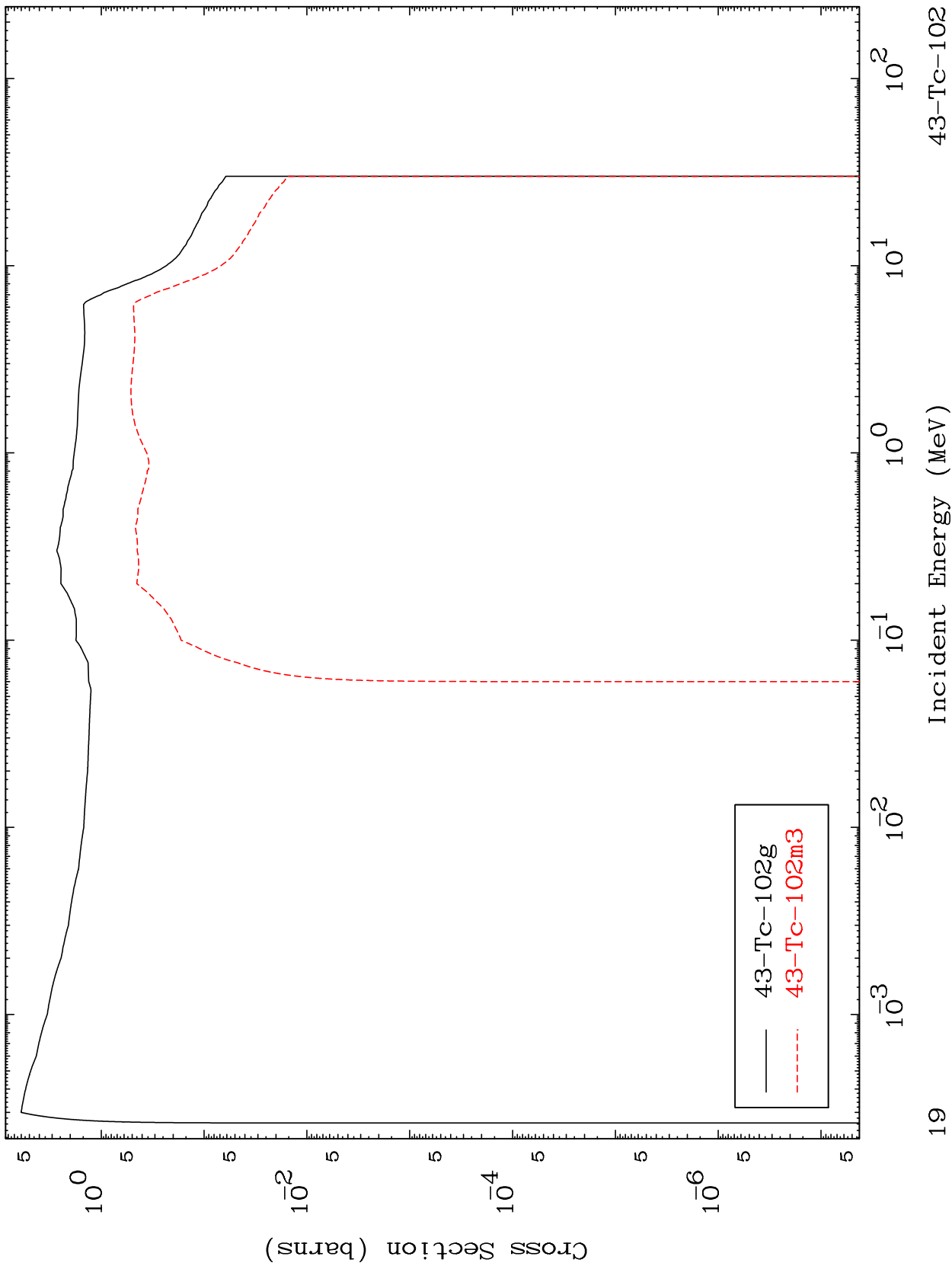
43-Tc-102



MAT 4335

43-Tc-102

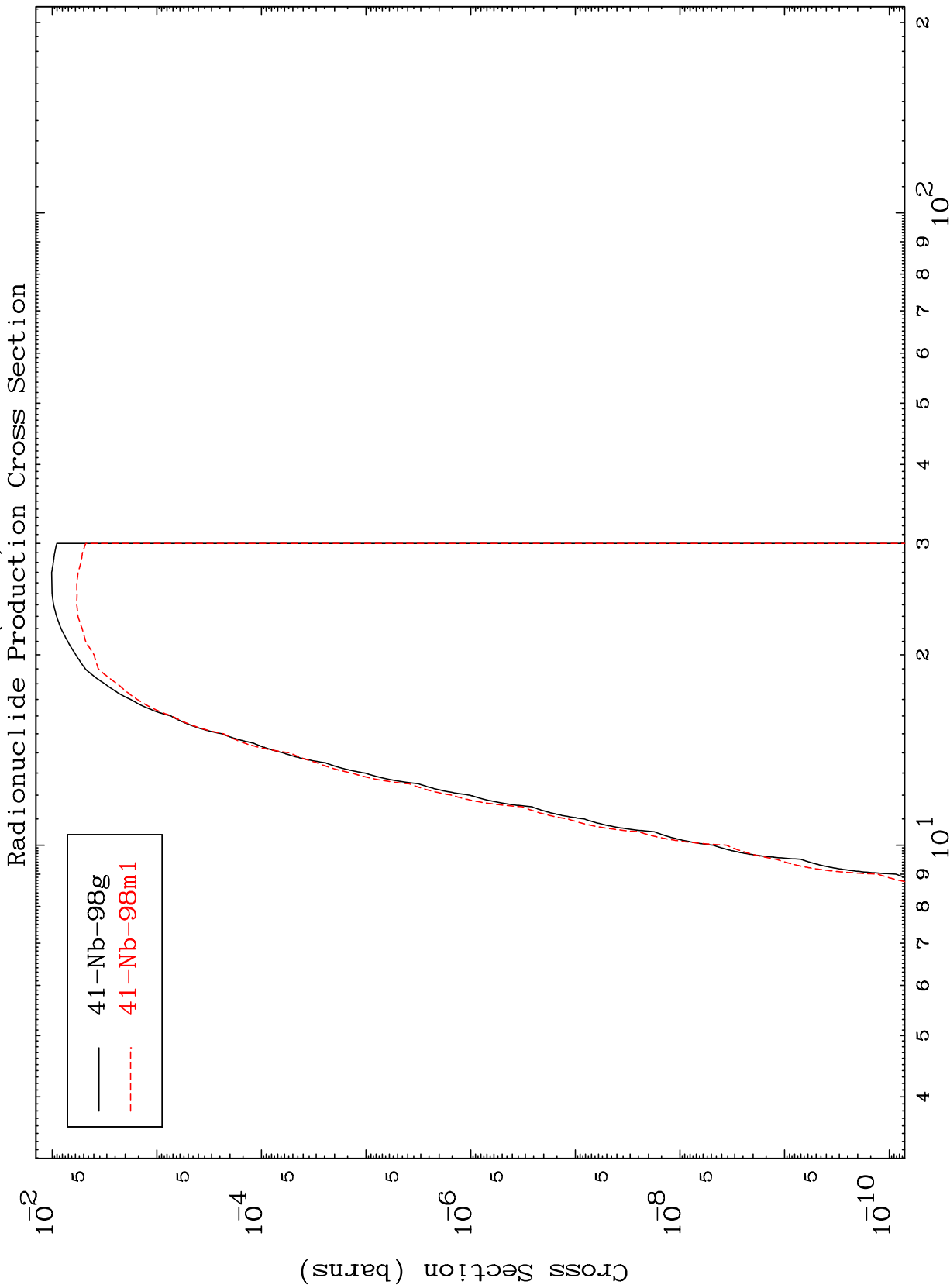
Inelastic  
Radionuclide Production Cross Section



MAT 4335

(n,n')  $\alpha$

43-Tc-102



20

Incident Energy (MeV)

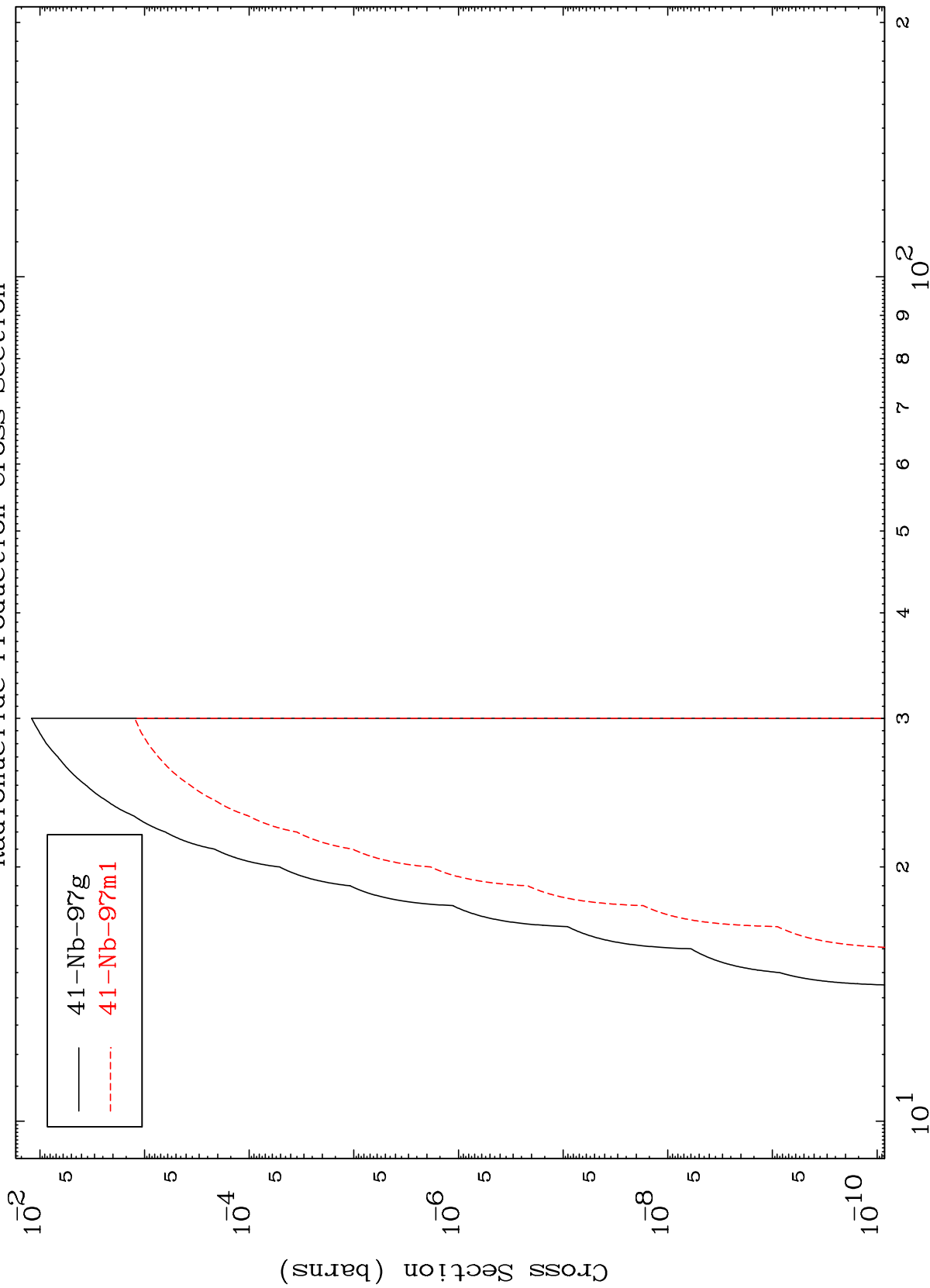
43-Tc-102

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(n,2n)  $\alpha$

43-Tc-102

Radionuclide Production Cross Section

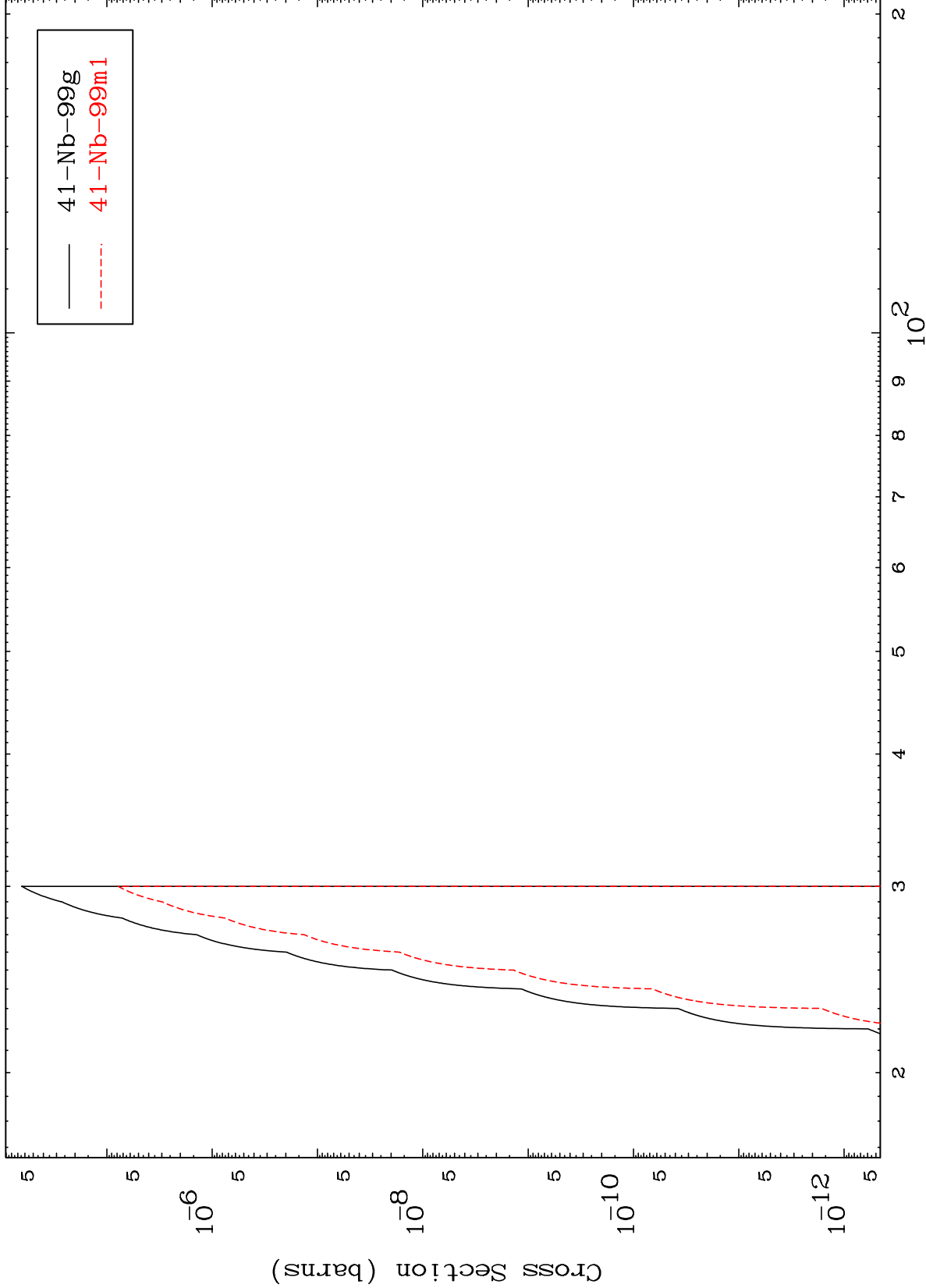


Incident Energy (MeV)

43-Tc-102

21

Radionuclide Production Cross Section



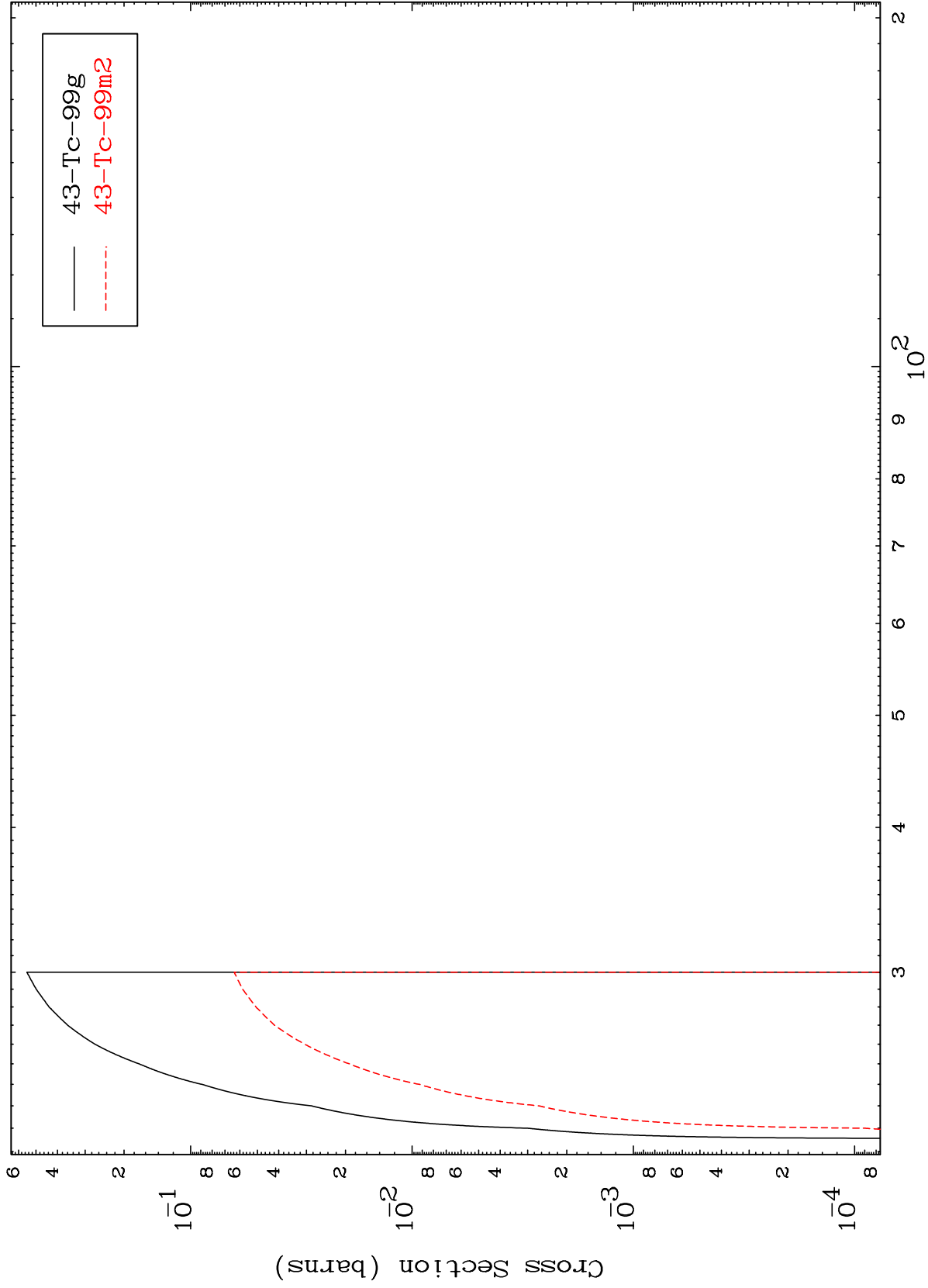
41-Nb-99g  
41-Nb-99m1

MAT 4335

(n,4n)

43-Tc-102

Radionuclide Production Cross Section



23

Incident Energy (MeV)

43-Tc-102

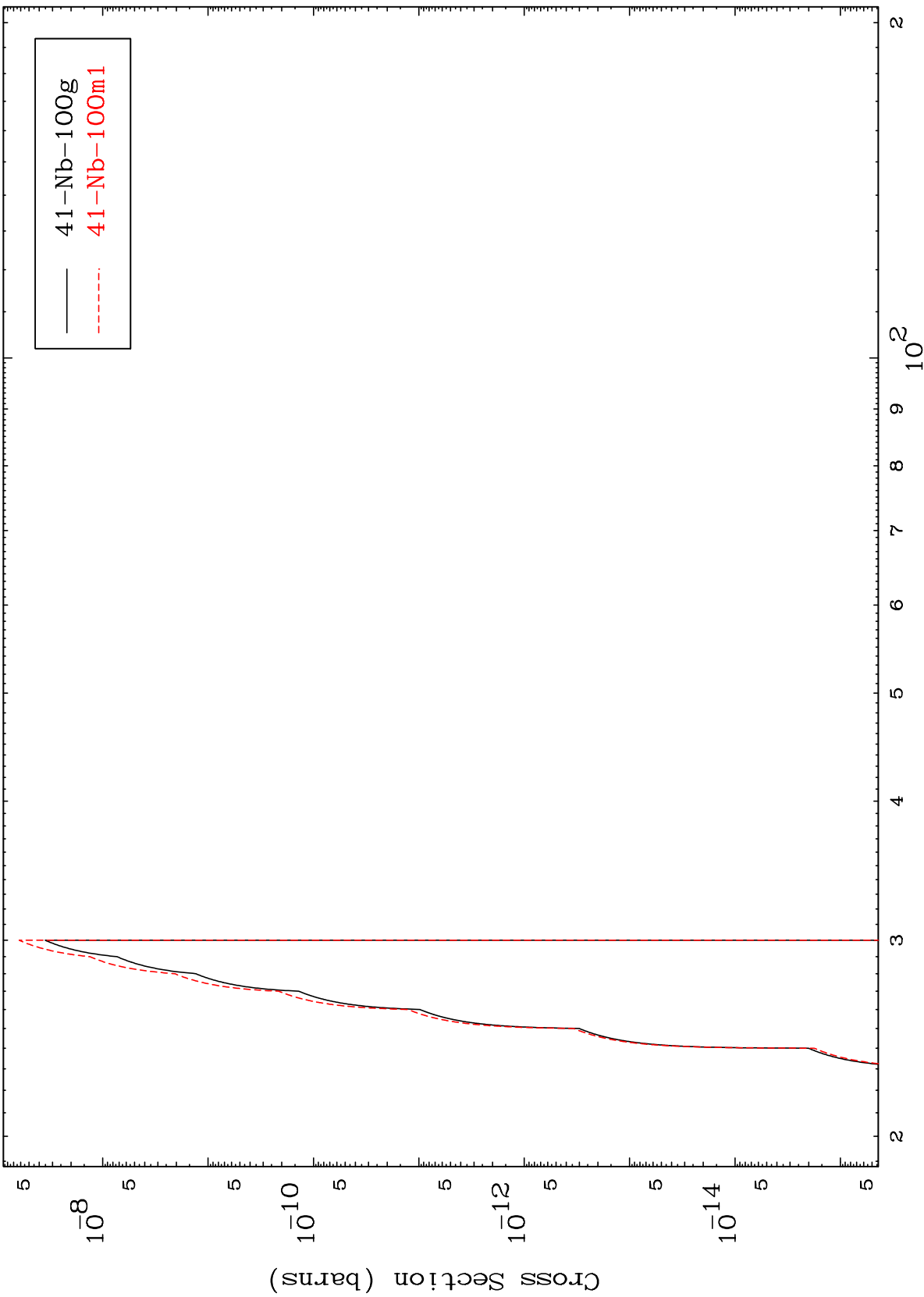


MAT 4335

(n,2n) p

43-Tc-102

Radionuclide Production Cross Section

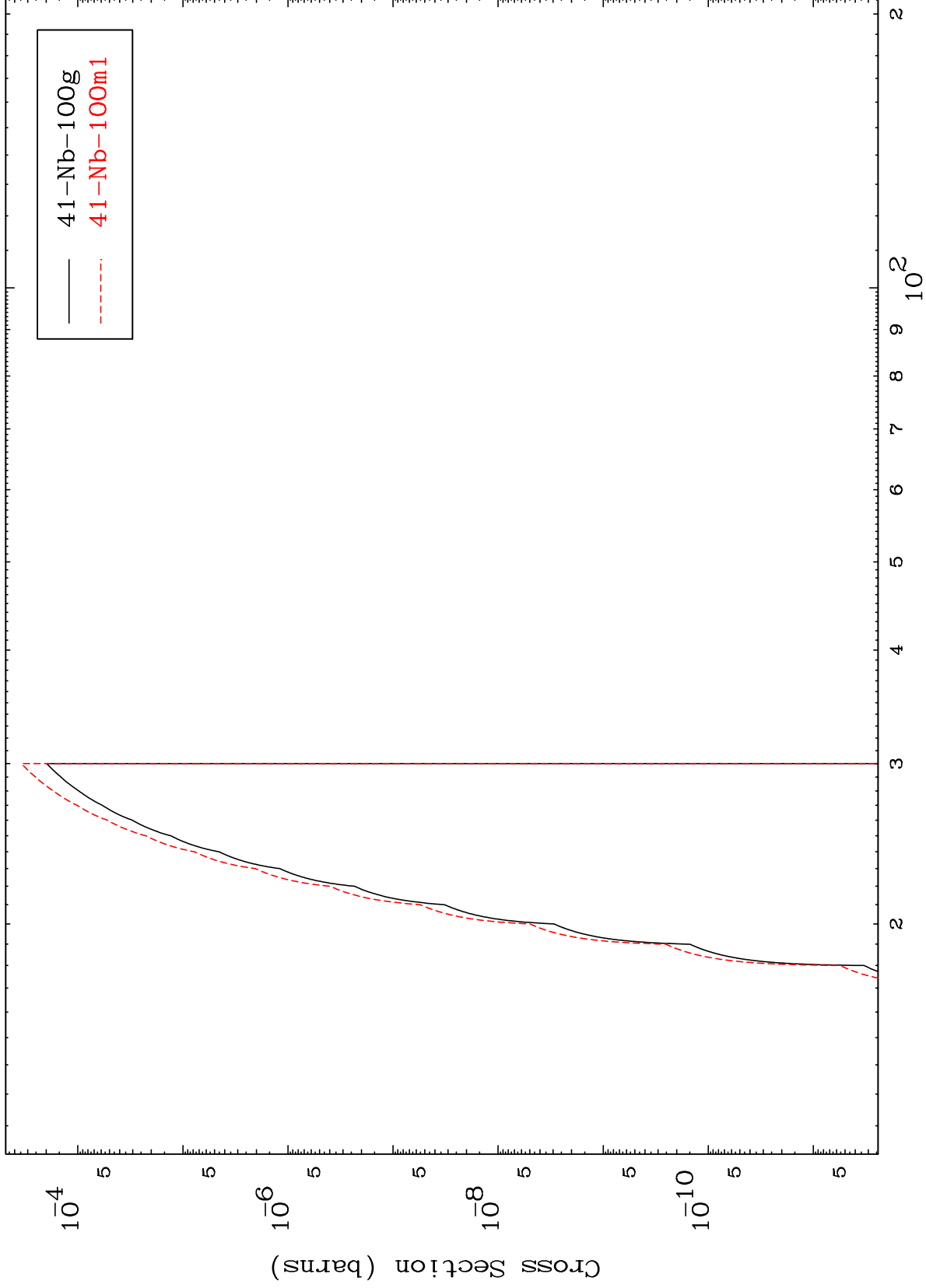


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Incident Energy (MeV)

43-Tc-102

Radionuclide Production Cross Section



MAT 4335

(n,  $\alpha$ )

43-Tc-102

Radionuclide Production Cross Section

