

Program EVALPLOT  
(Version 2017-1)

by

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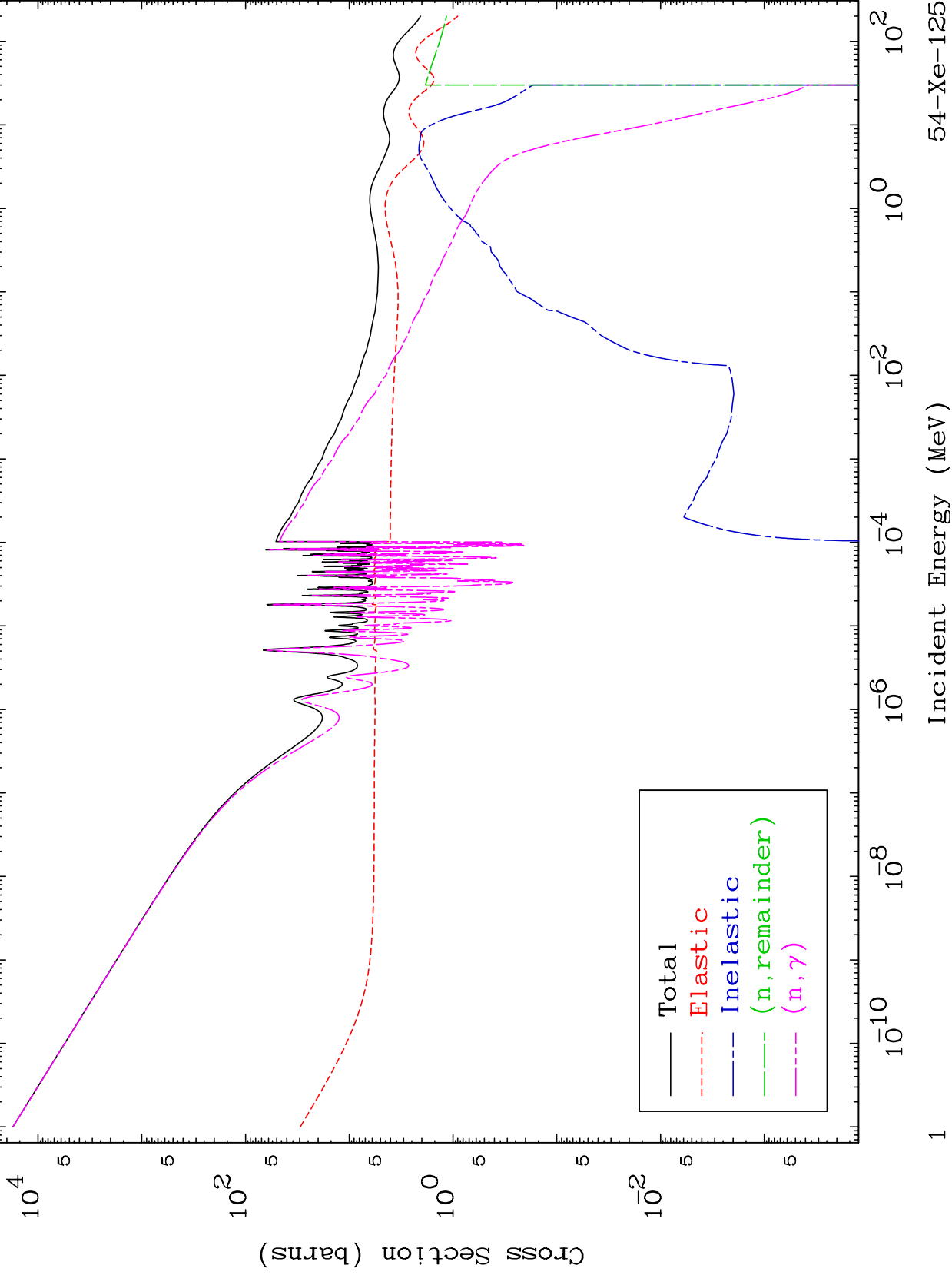
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5429

Major  
293 Kelvin Cross Sections

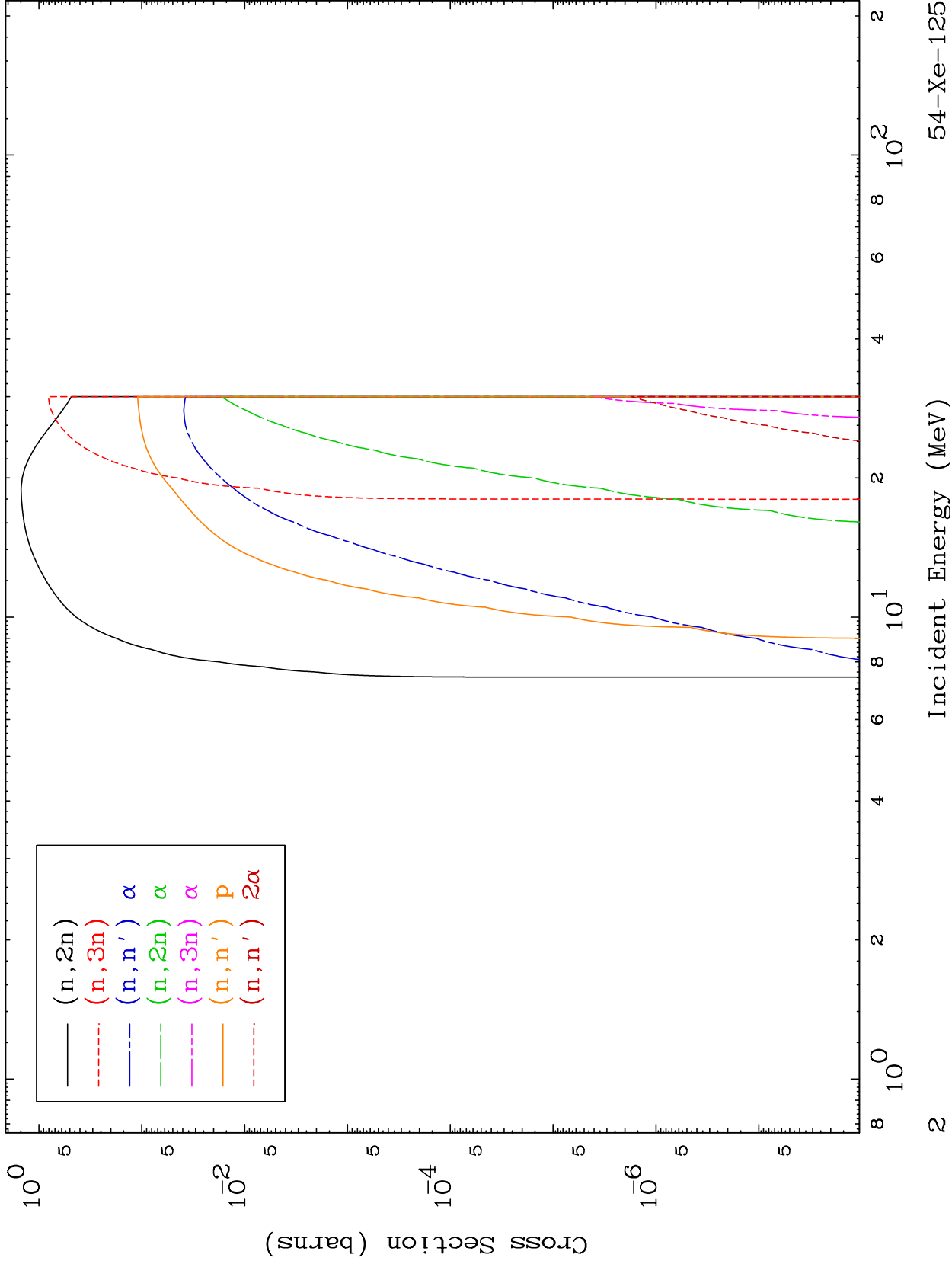
54-Xe-125

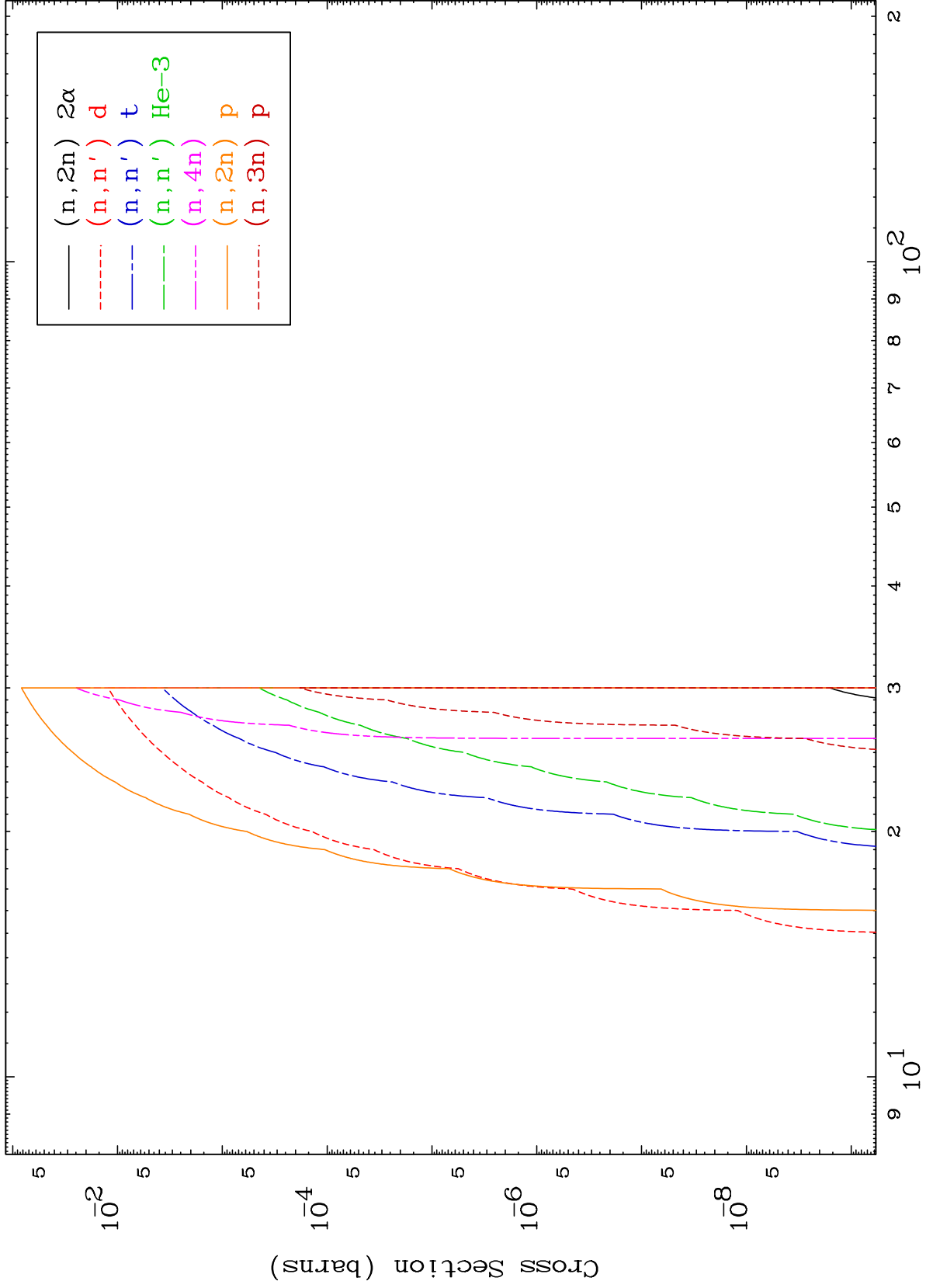


MAT 5429

Neutron Production  
293 Kelvin Cross Sections

54-Xe-125

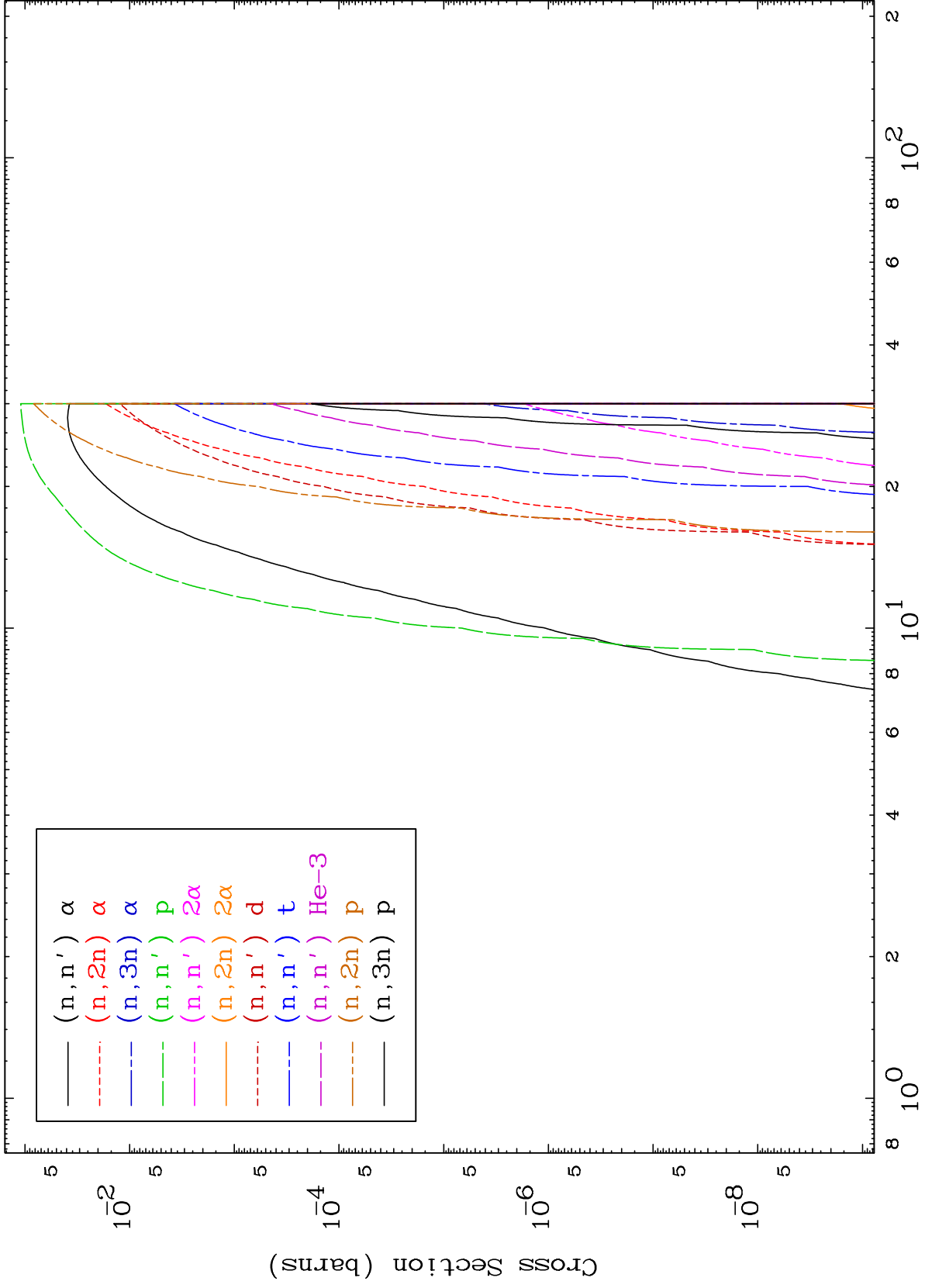




MAT 5429

Charged Particle  
293 Kelvin Cross Sections

54-Xe-125



54-Xe-125

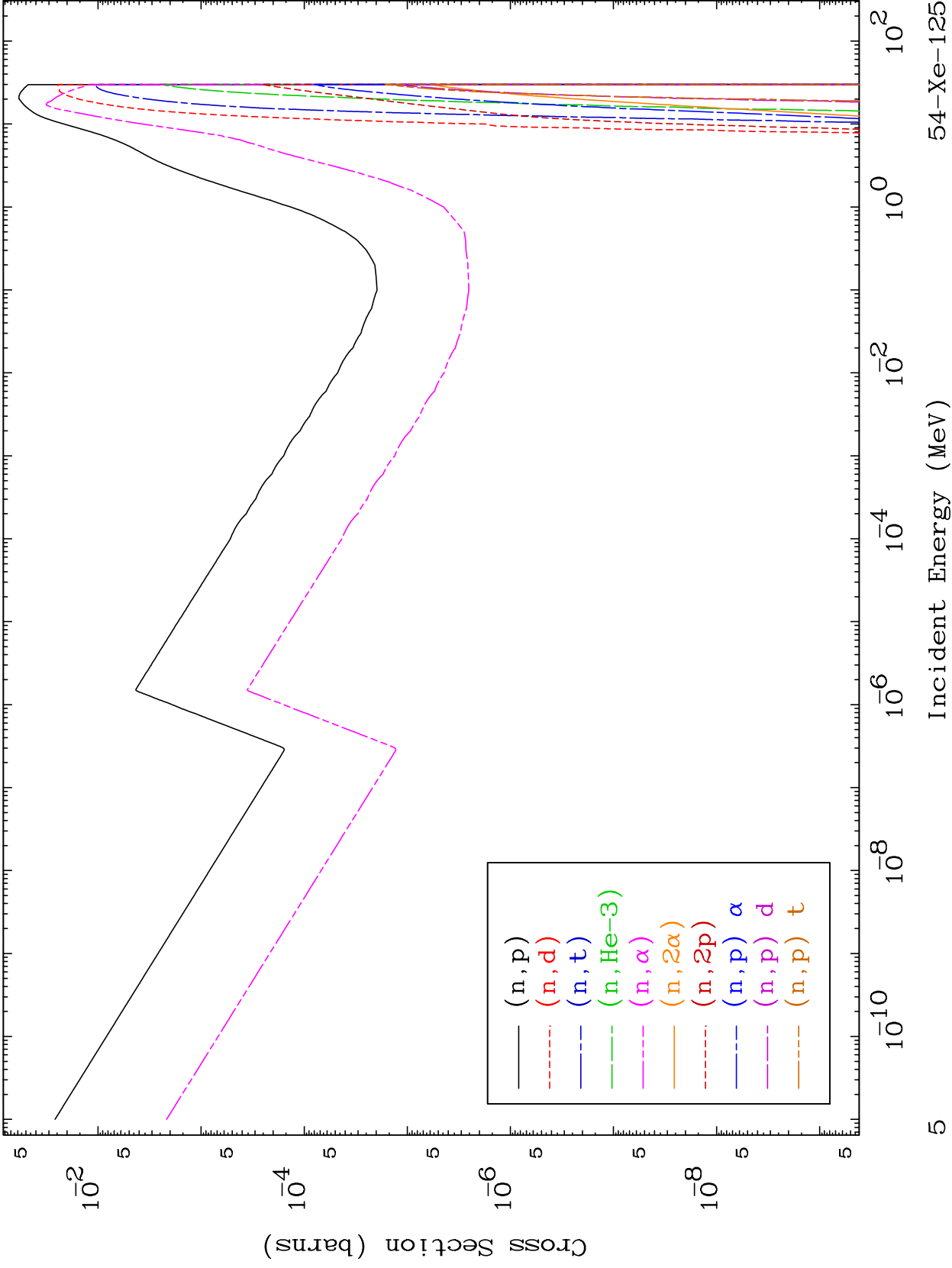
Incident Energy (MeV)

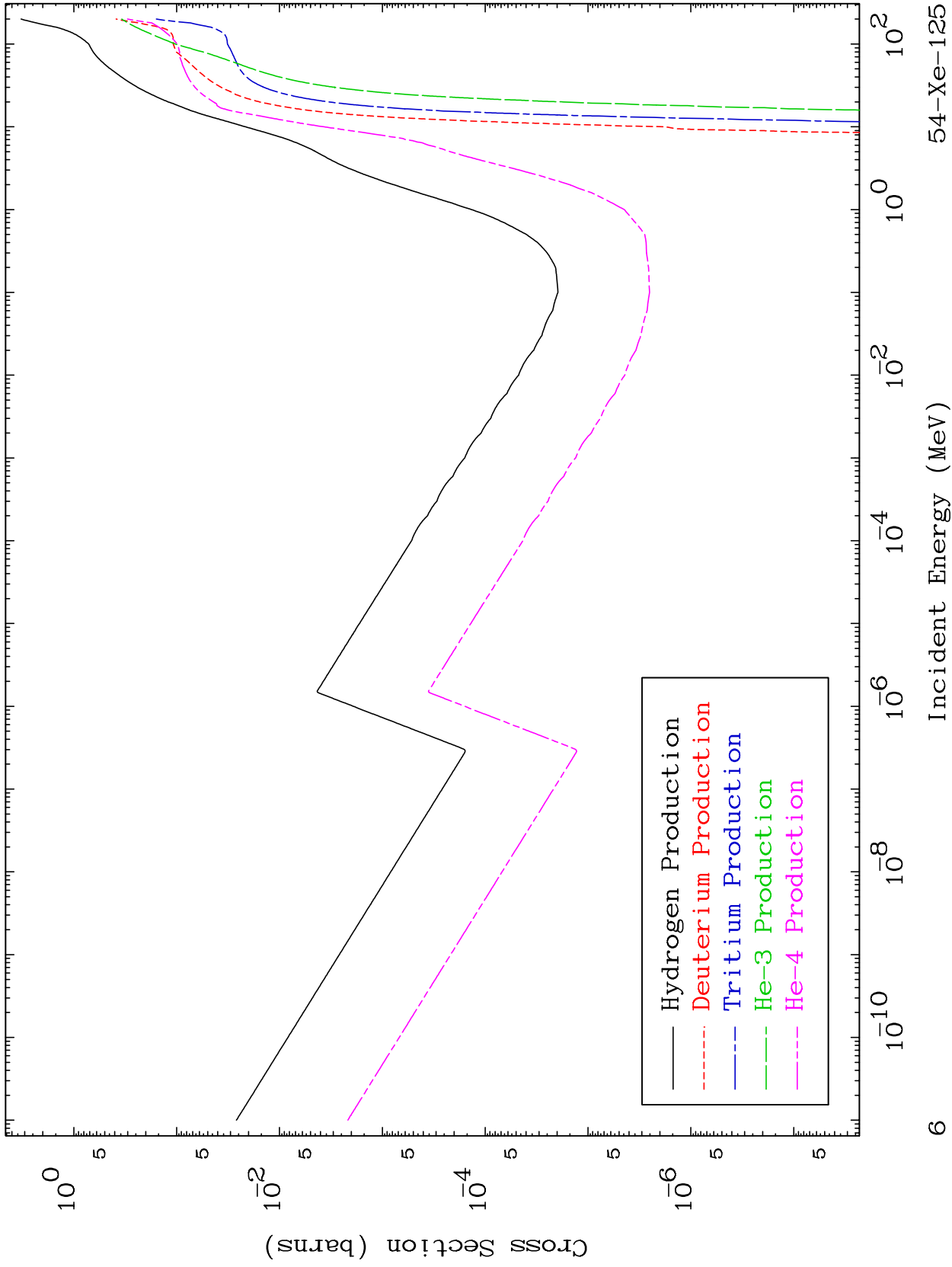
4

MAT 5429

Charged Particle  
293 Kelvin Cross Sections

54-Xe-125

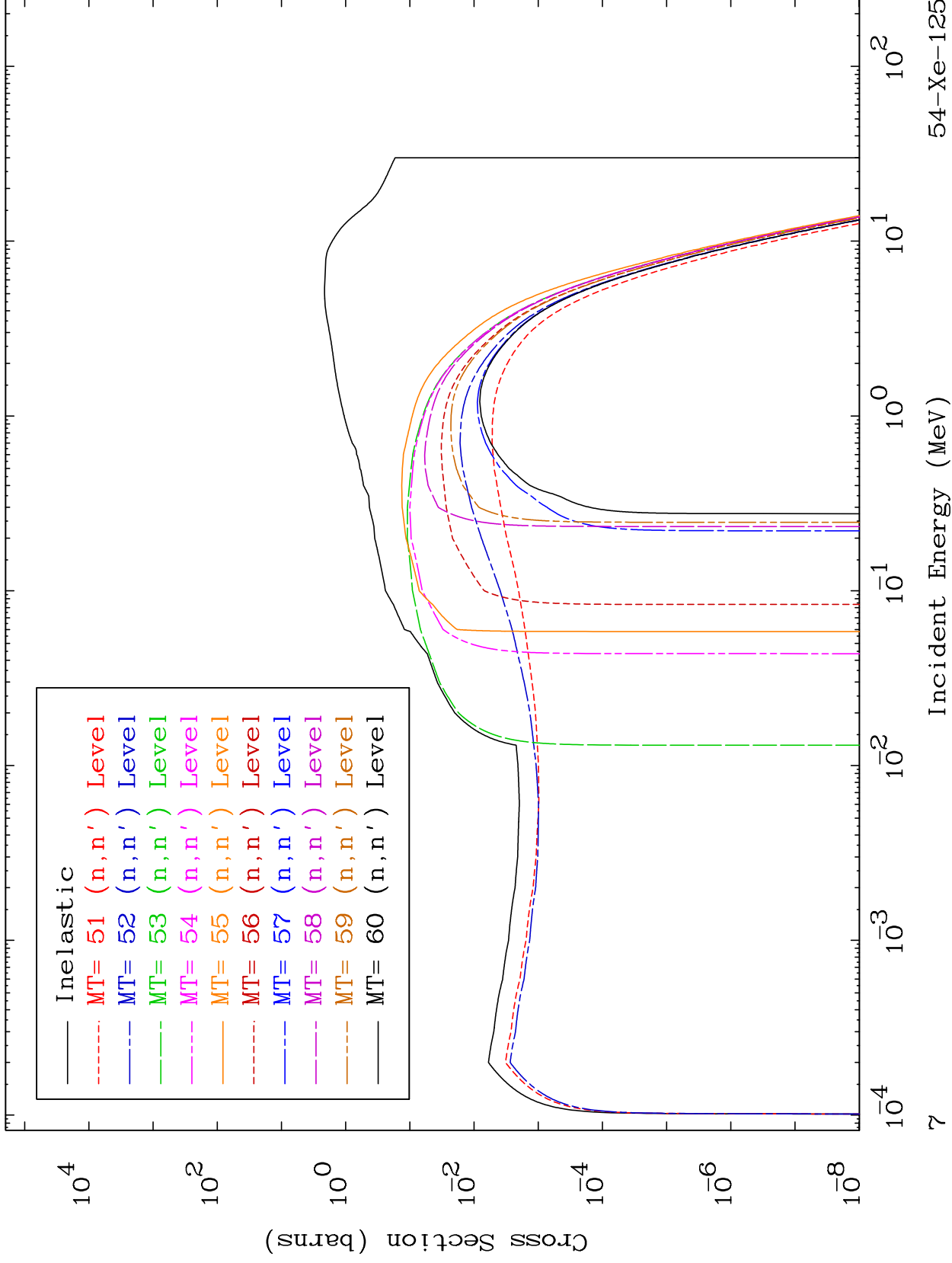




MAT 5429

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-125



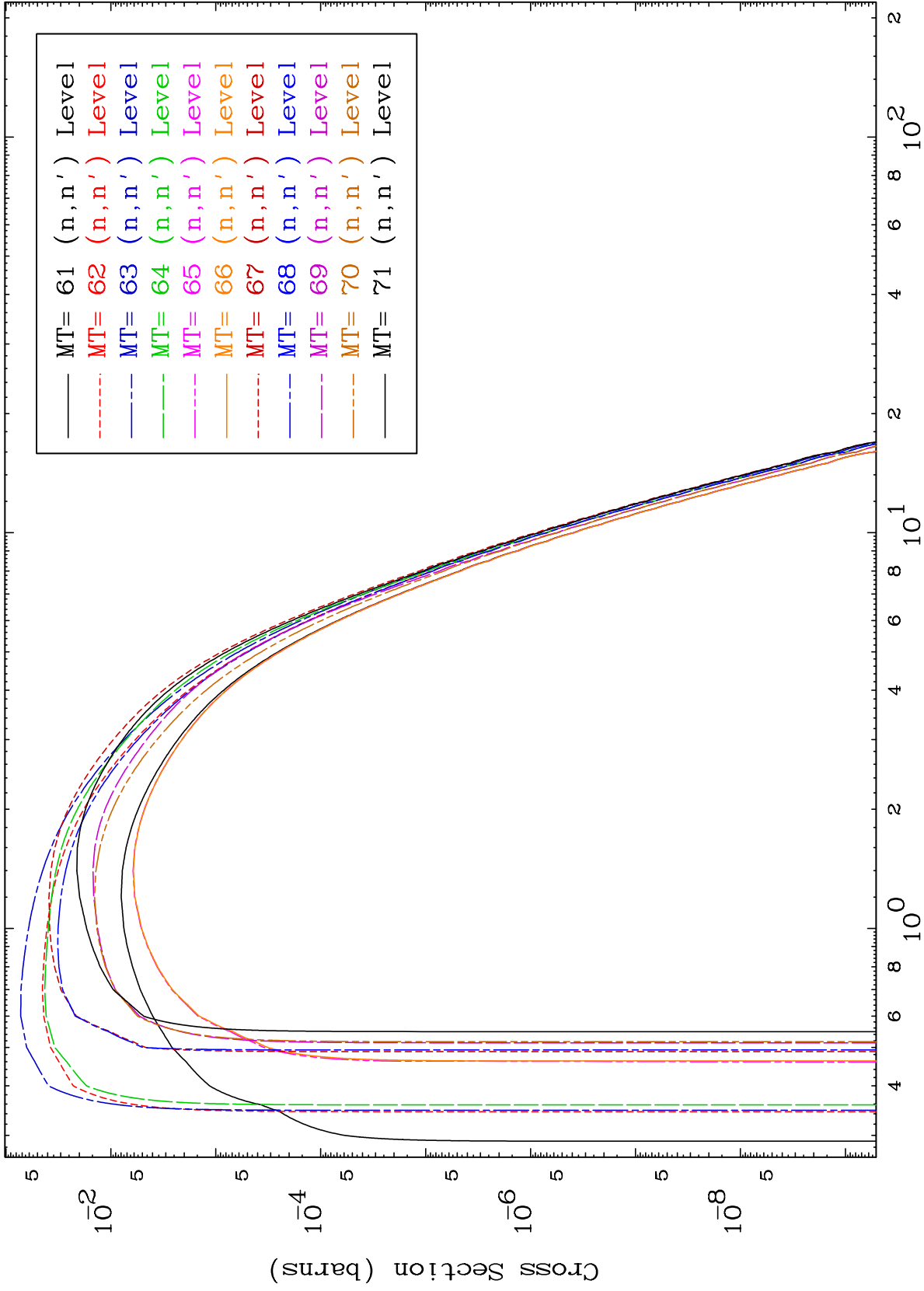


MAT 5429

(n,n') Level

54-Xe-125

293 Kelvin Cross Sections



Incident Energy (MeV)

54-Xe-125

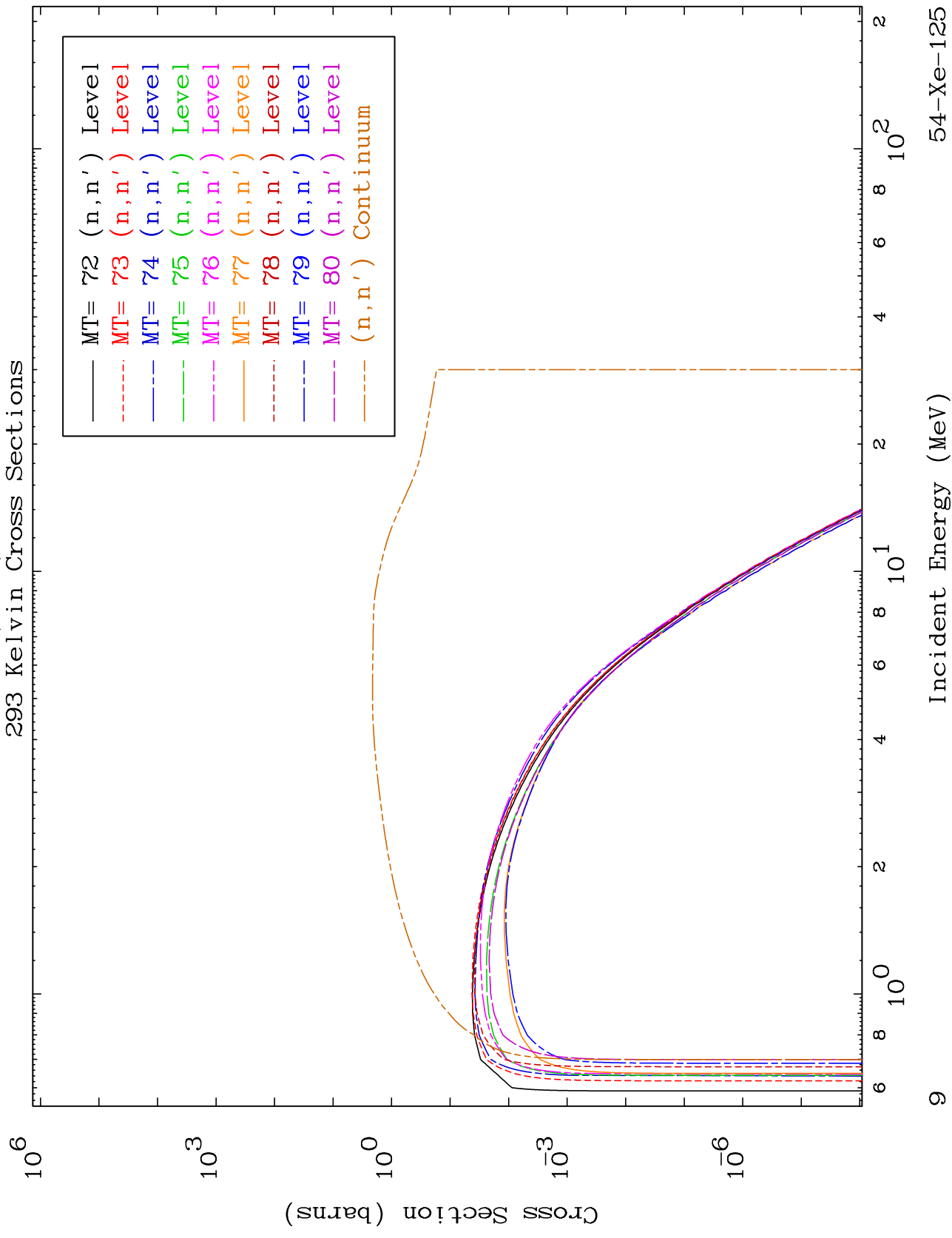
8

MAT 5429

(n,n') Level

54-Xe-125

293 Kelvin Cross Sections



9

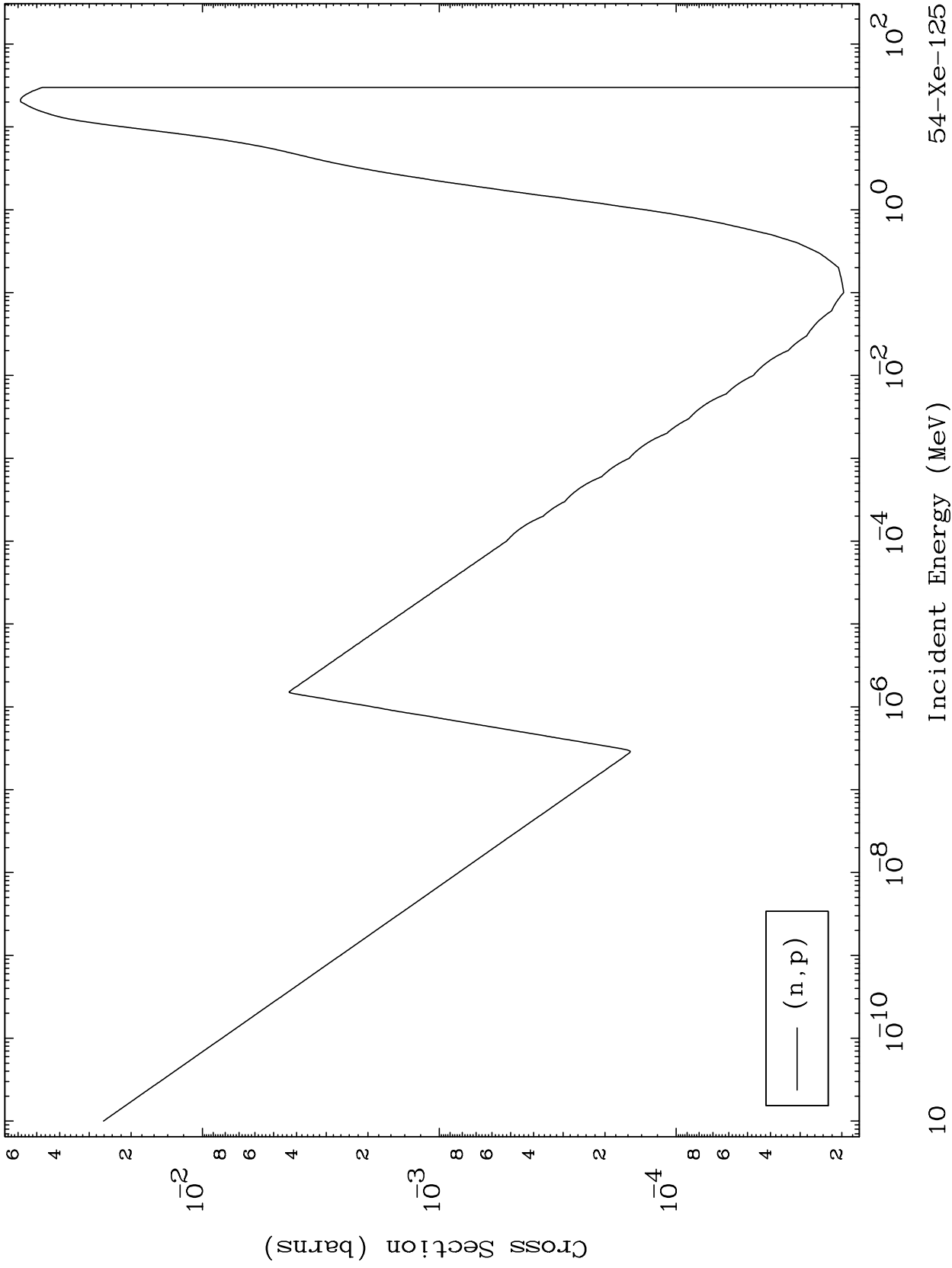
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n,p) Levels  
293 Kelvin Cross Sections

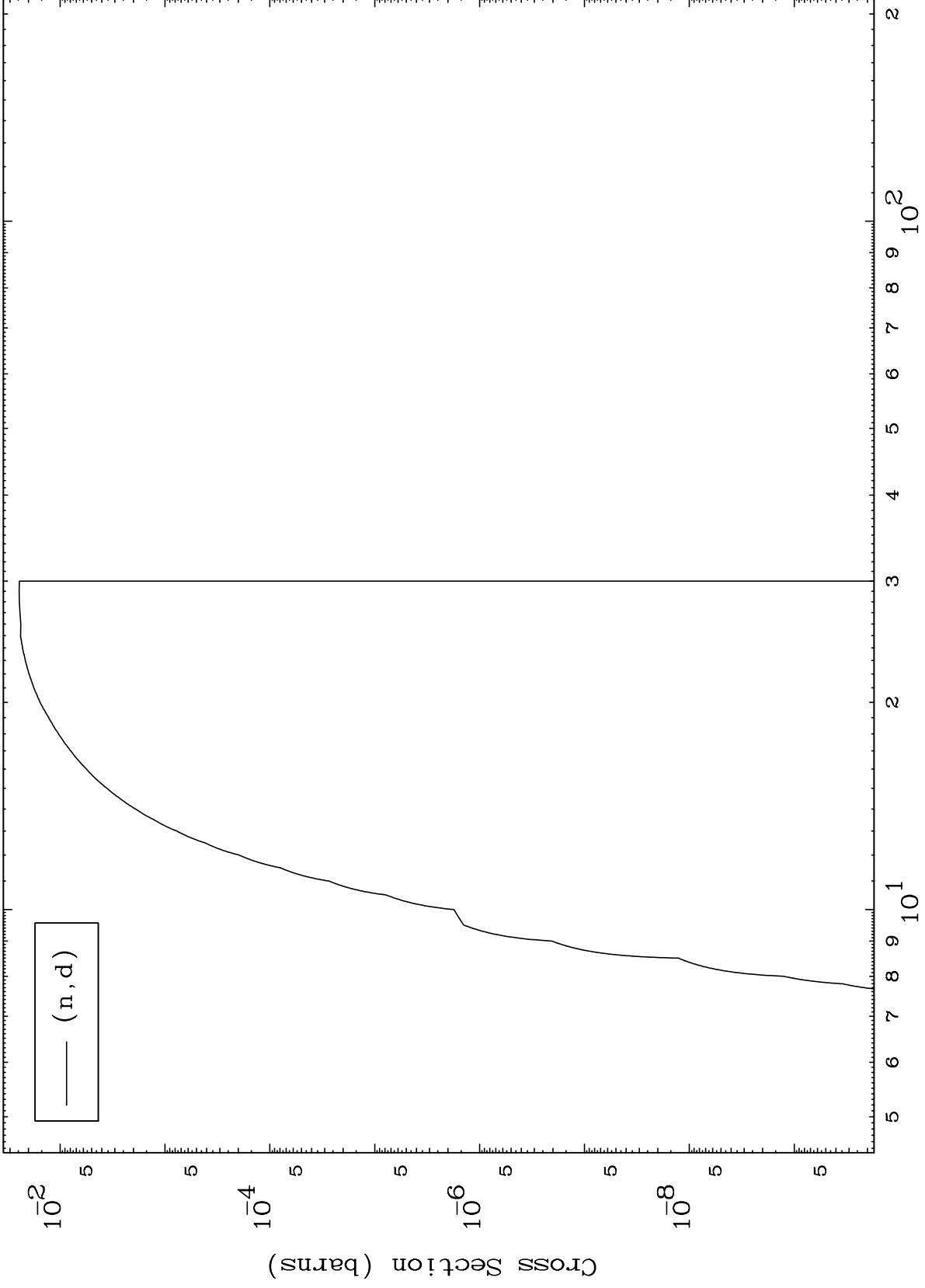
54-Xe-125



MAT 5429

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-125



11

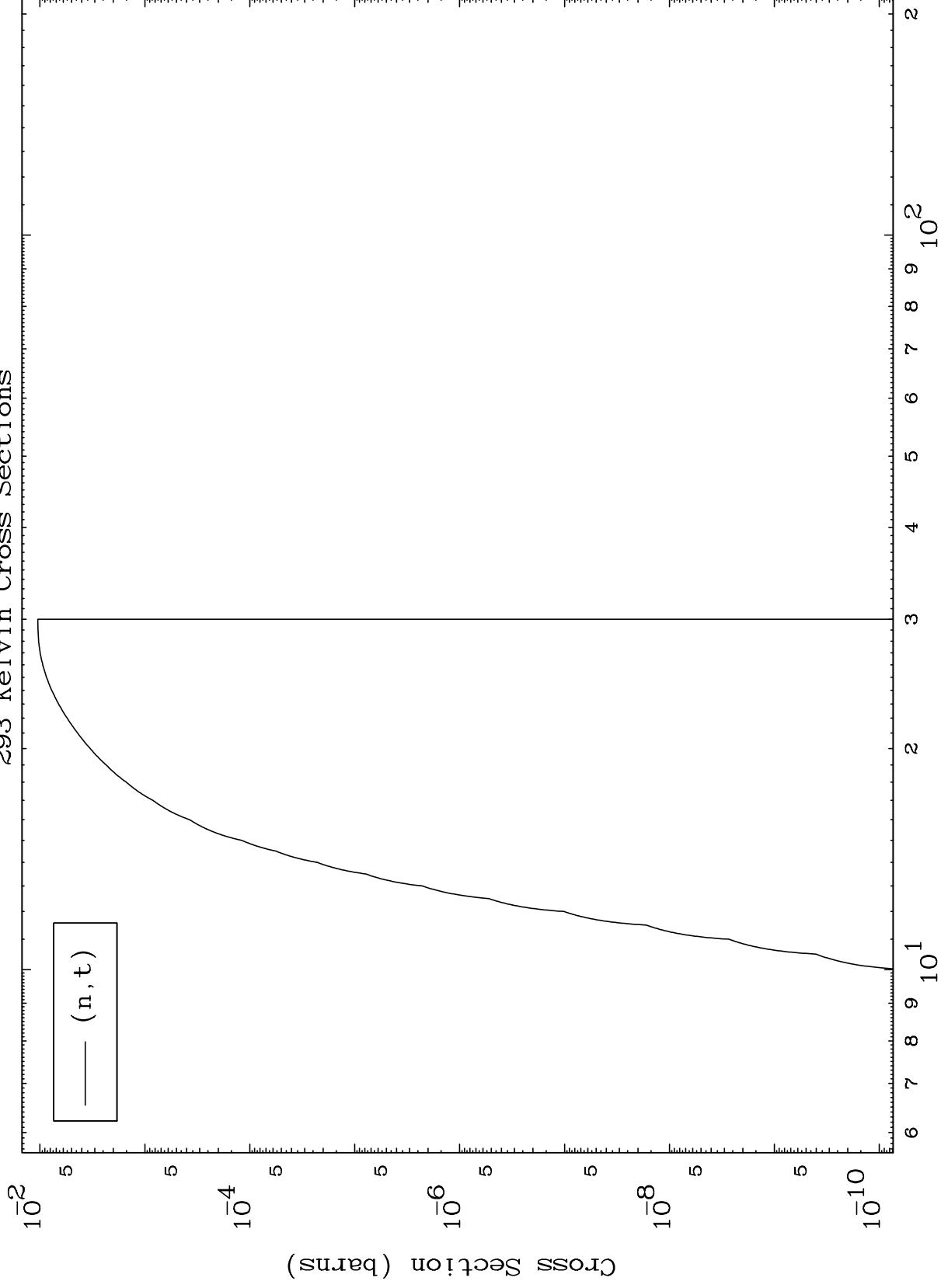
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n, t) Levels  
293 Kelvin Cross Sections

54-Xe-125



12

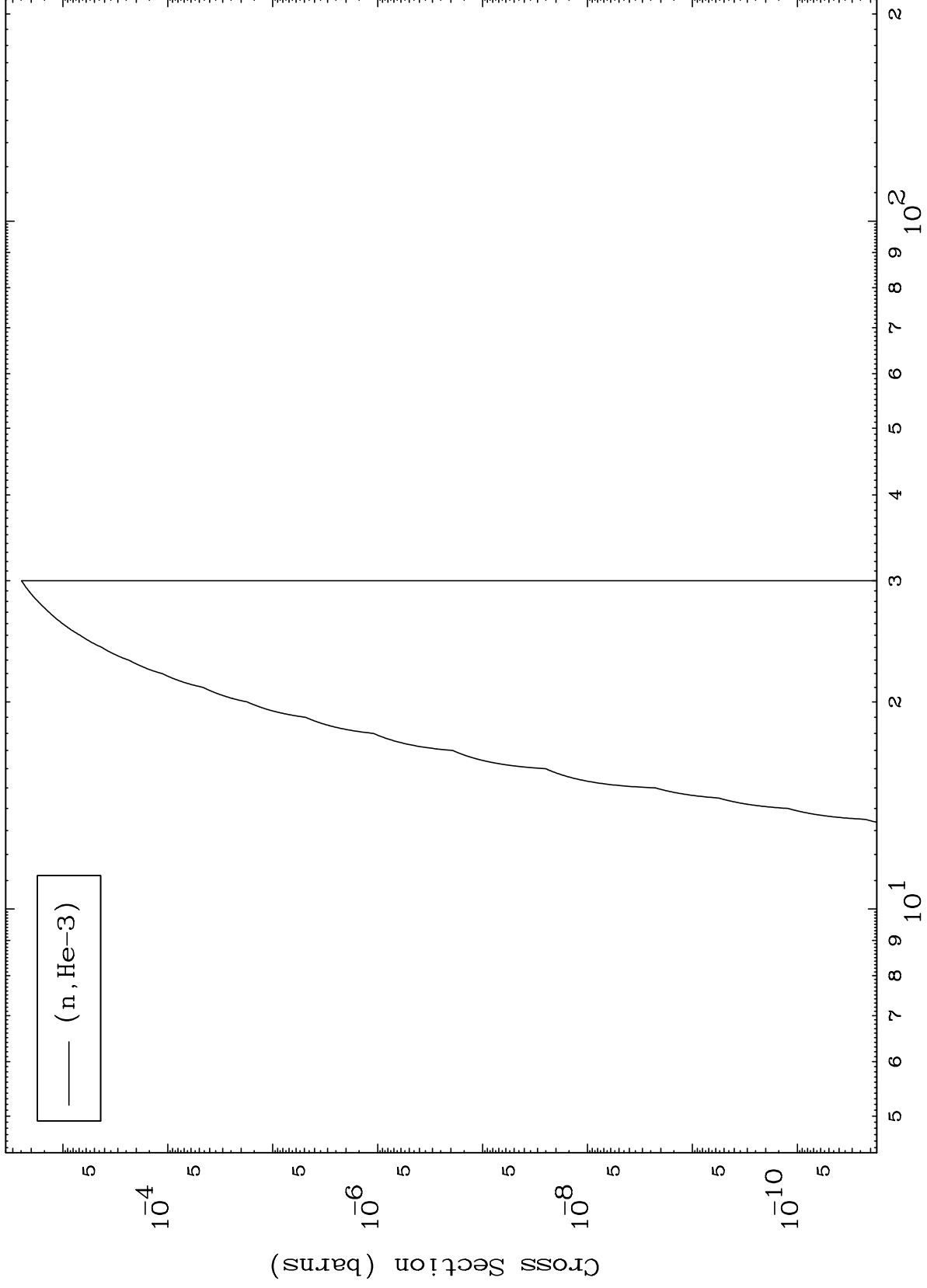
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-125



13

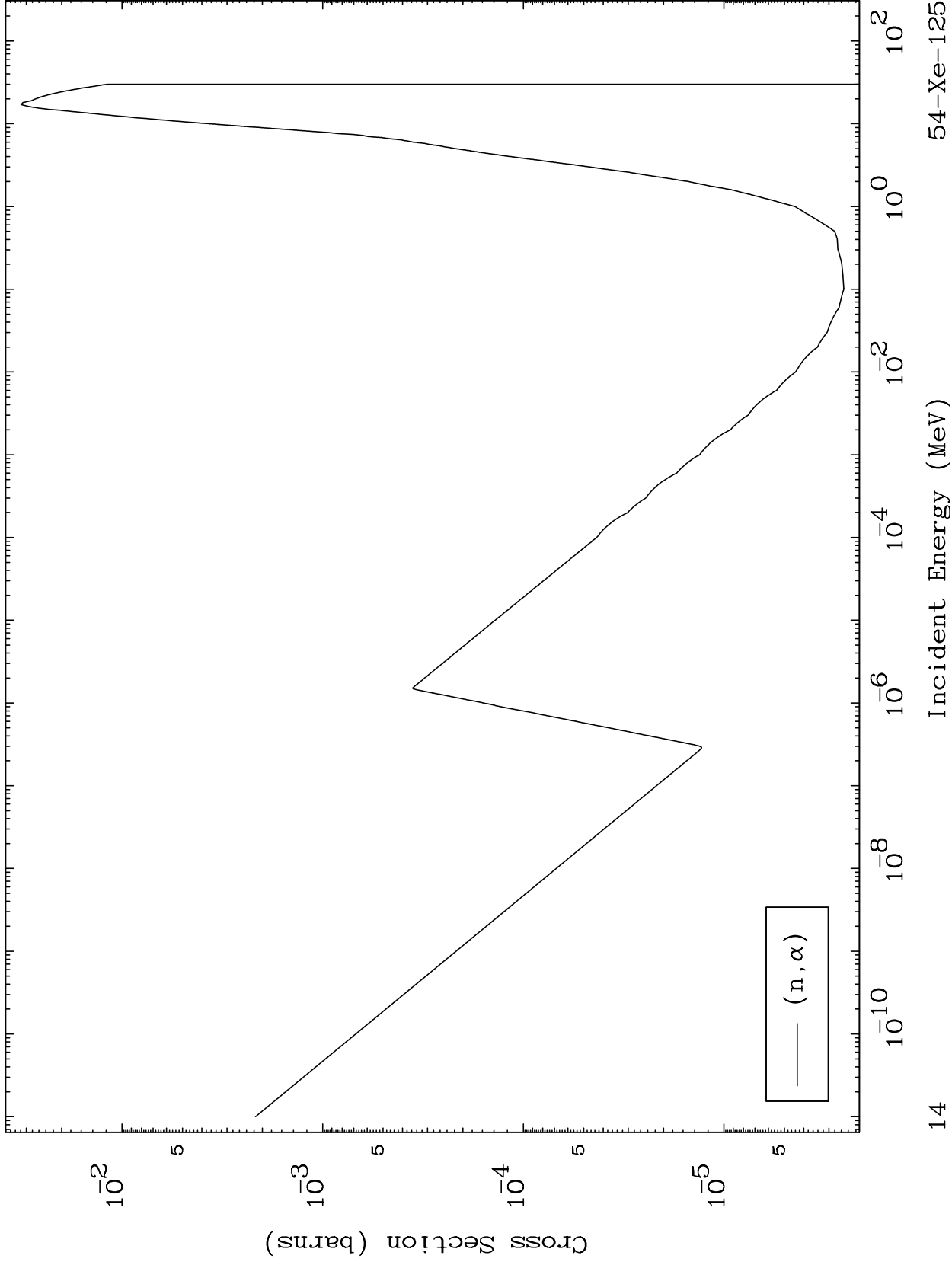
Incident Energy (MeV)

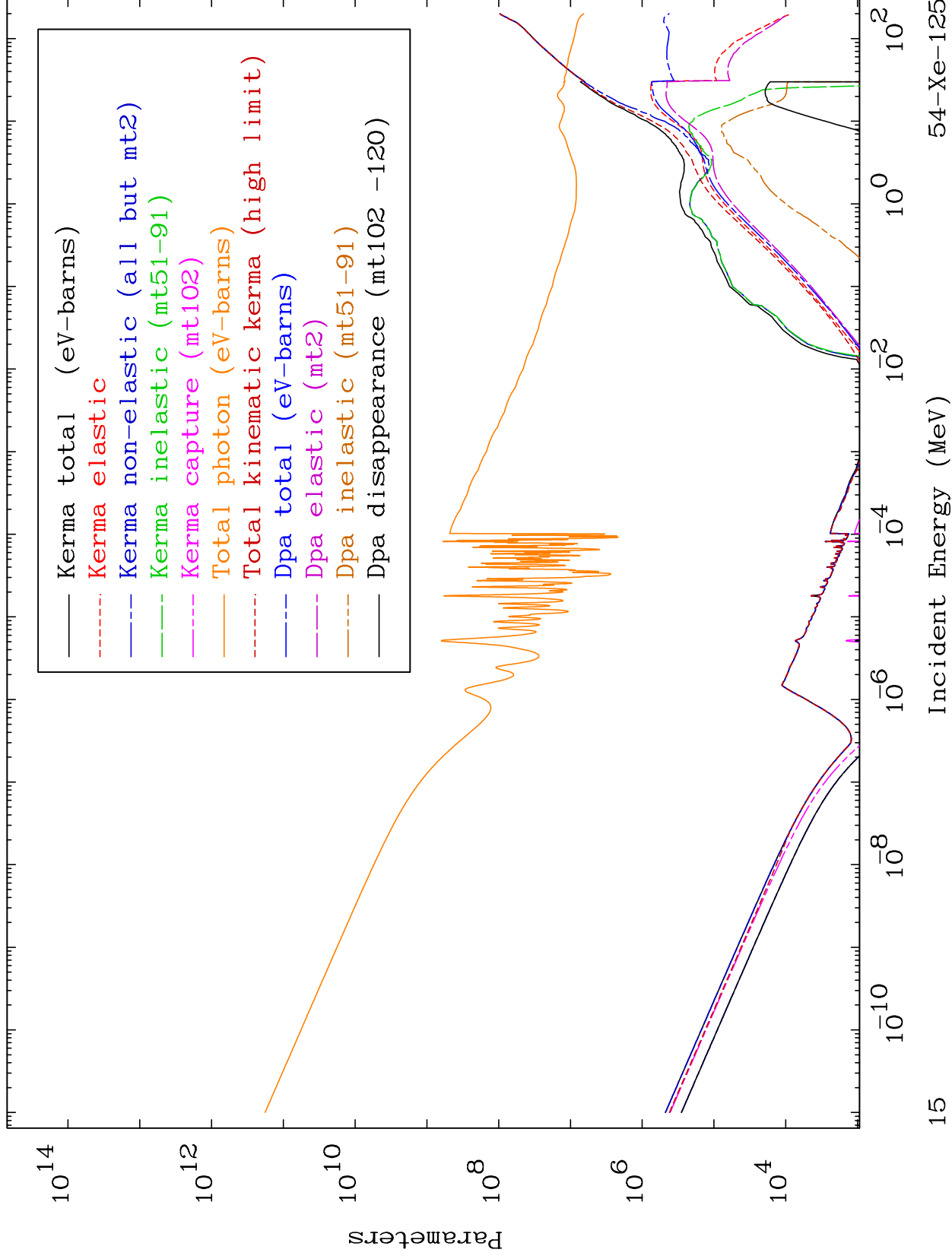
54-Xe-125

MAT 5429

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

54-Xe-125





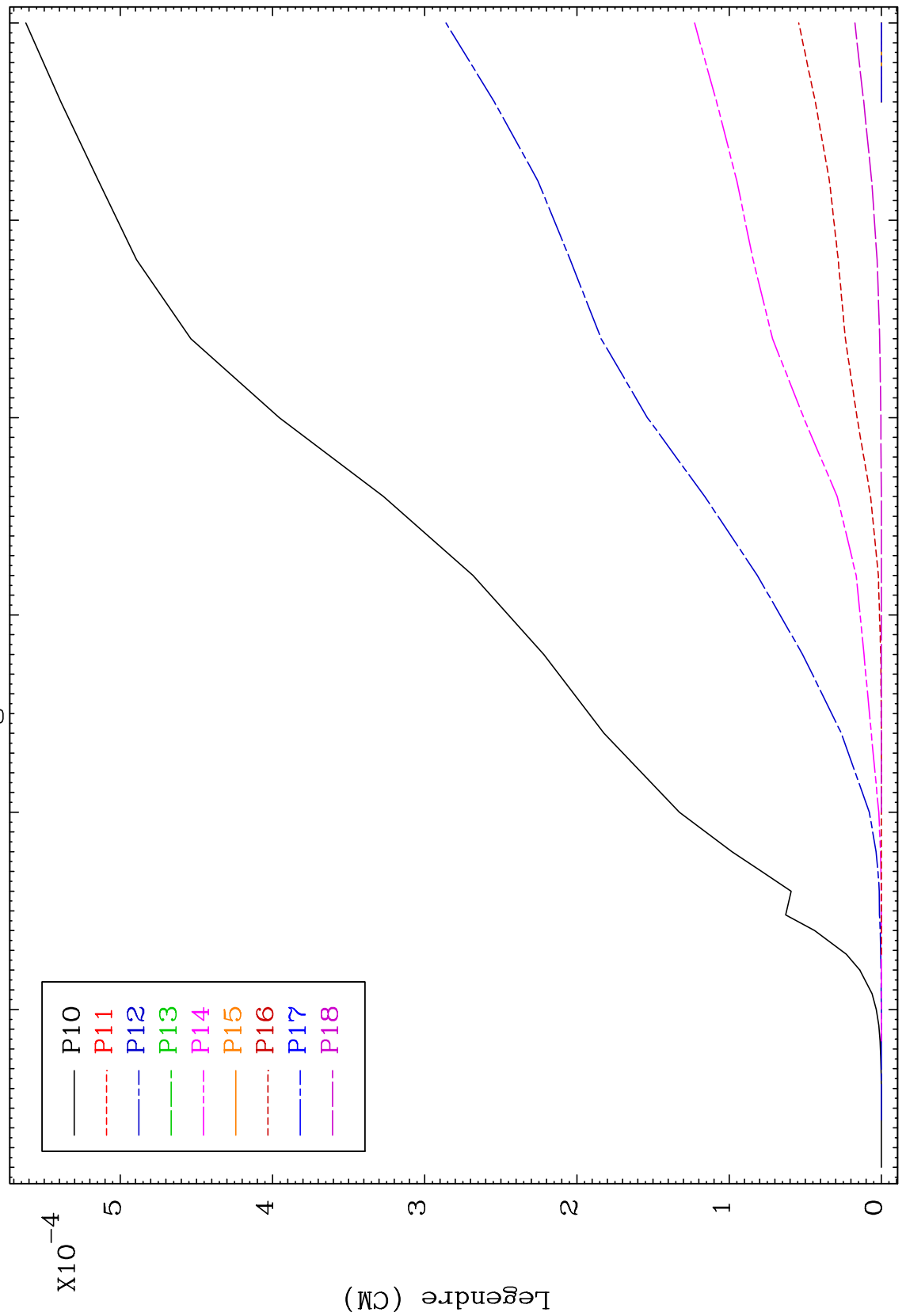




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Elastic Legendre Coefficients

54-Xe-125



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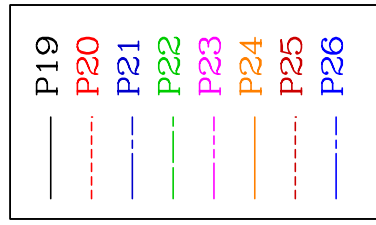
54-Xe-125

Incident Energy (MeV)

MAT 5429

### Elastic Legendre Coefficients

54-Xe-125



$\times 10^{-6}$   
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

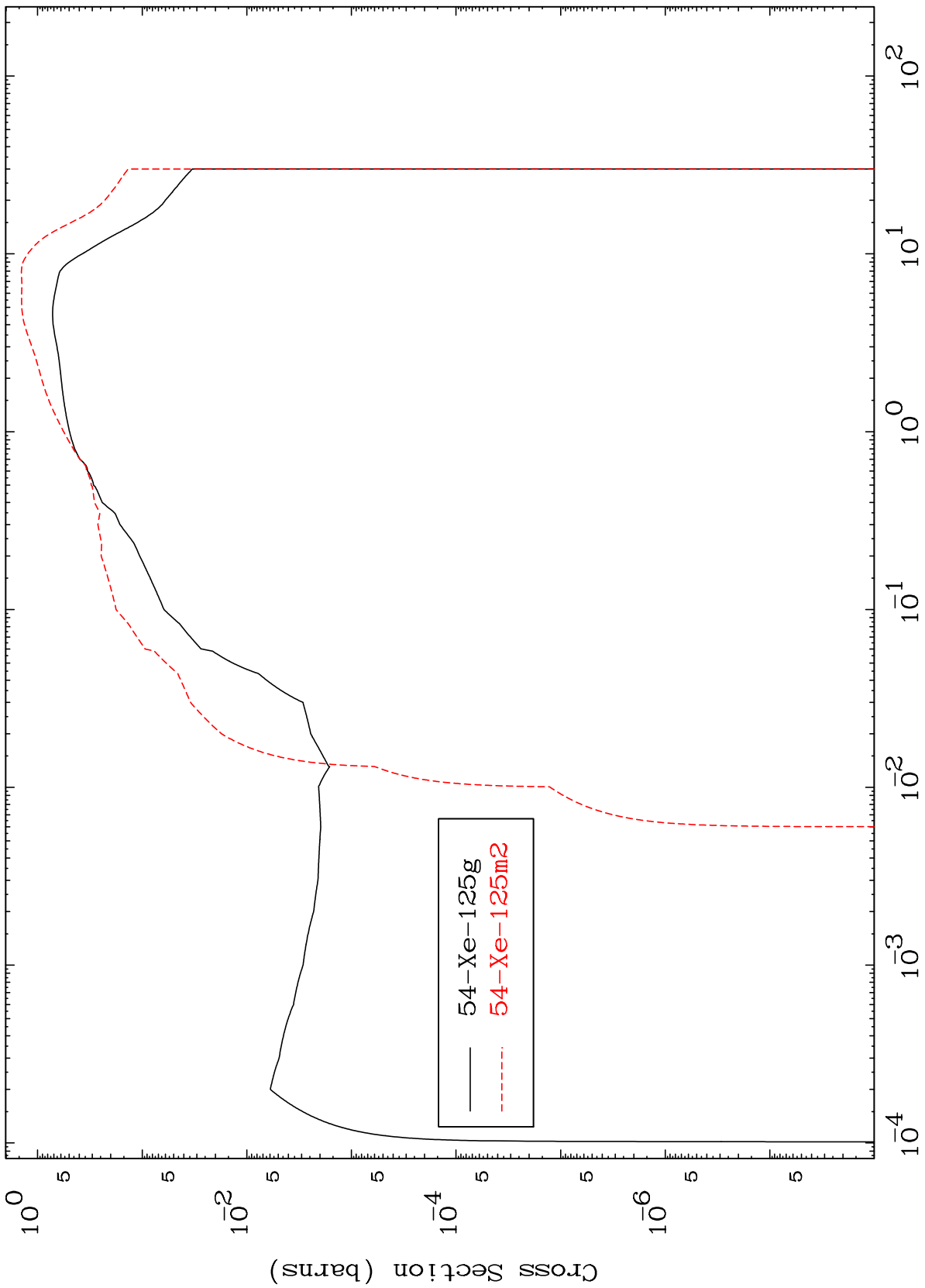


15 20 25 30  
Incident Energy (MeV)  
54-Xe-125

MAT 5429

54-Xe-125

Inelastic  
Radionuclide Production Cross Section



19

54-Xe-125

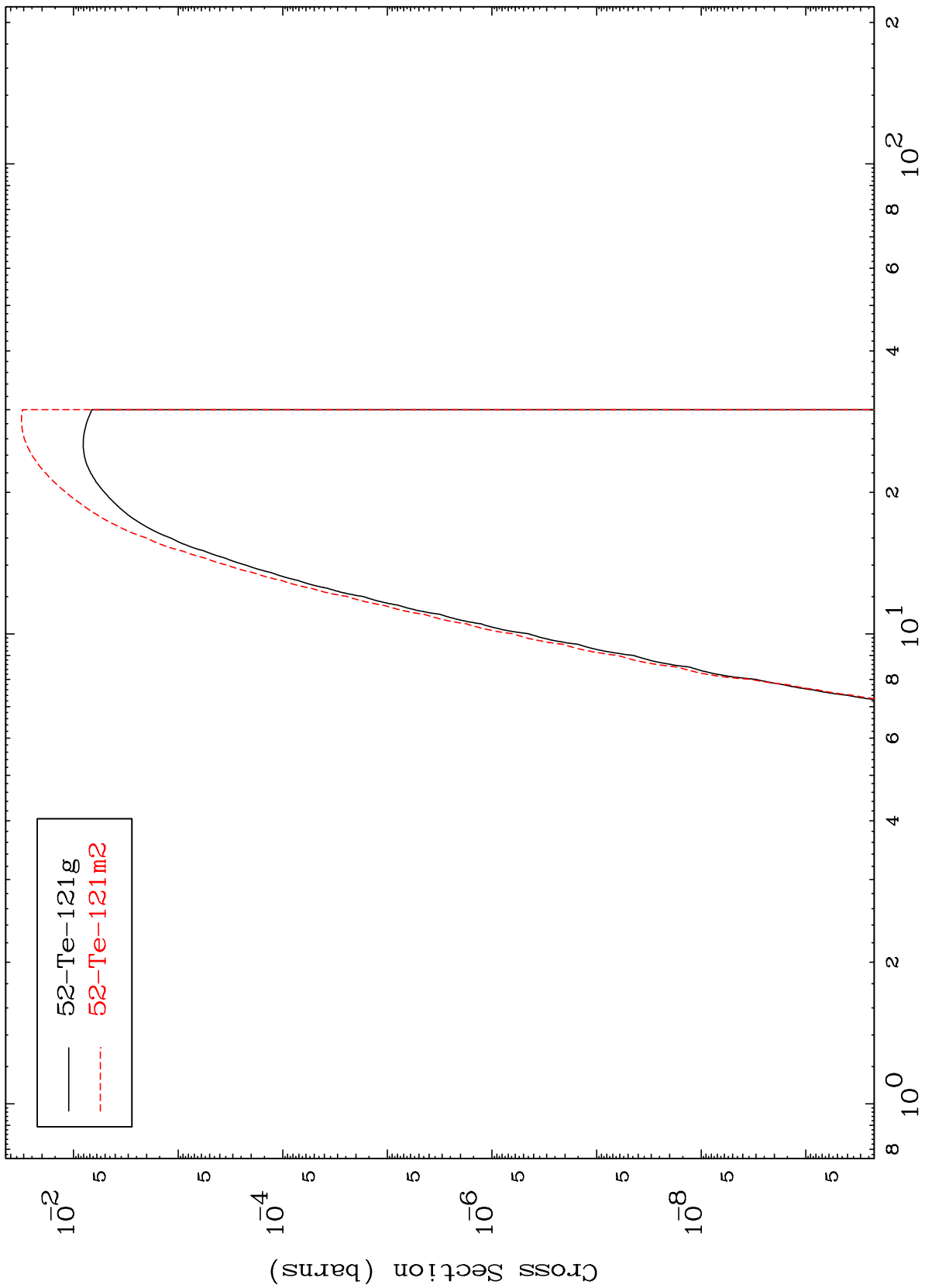
Incident Energy (MeV)

MAT 5429

(n,n')  $\alpha$

54-Xe-125

Radionuclide Production Cross Section

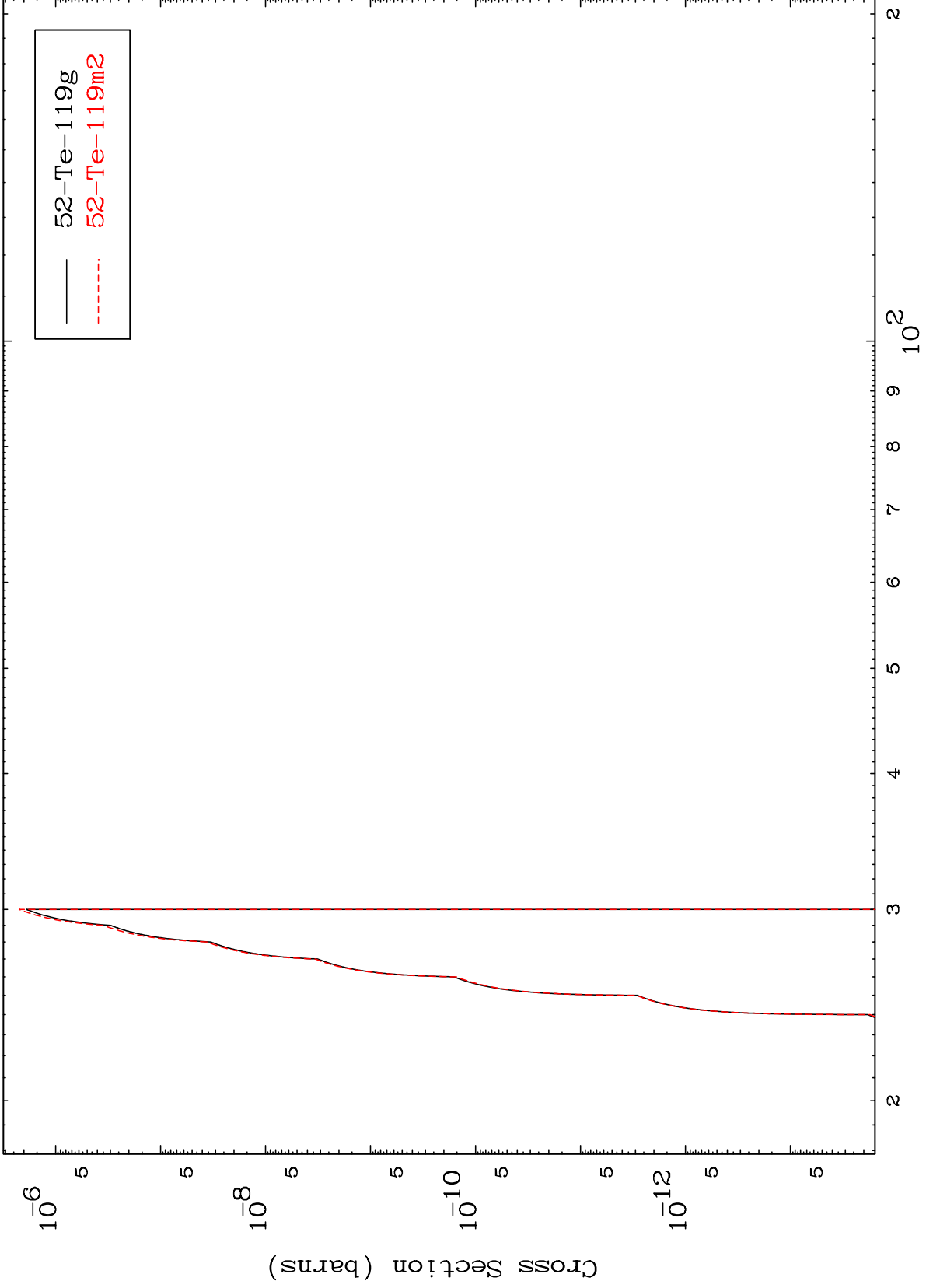


Incident Energy (MeV)

54-Xe-125

20

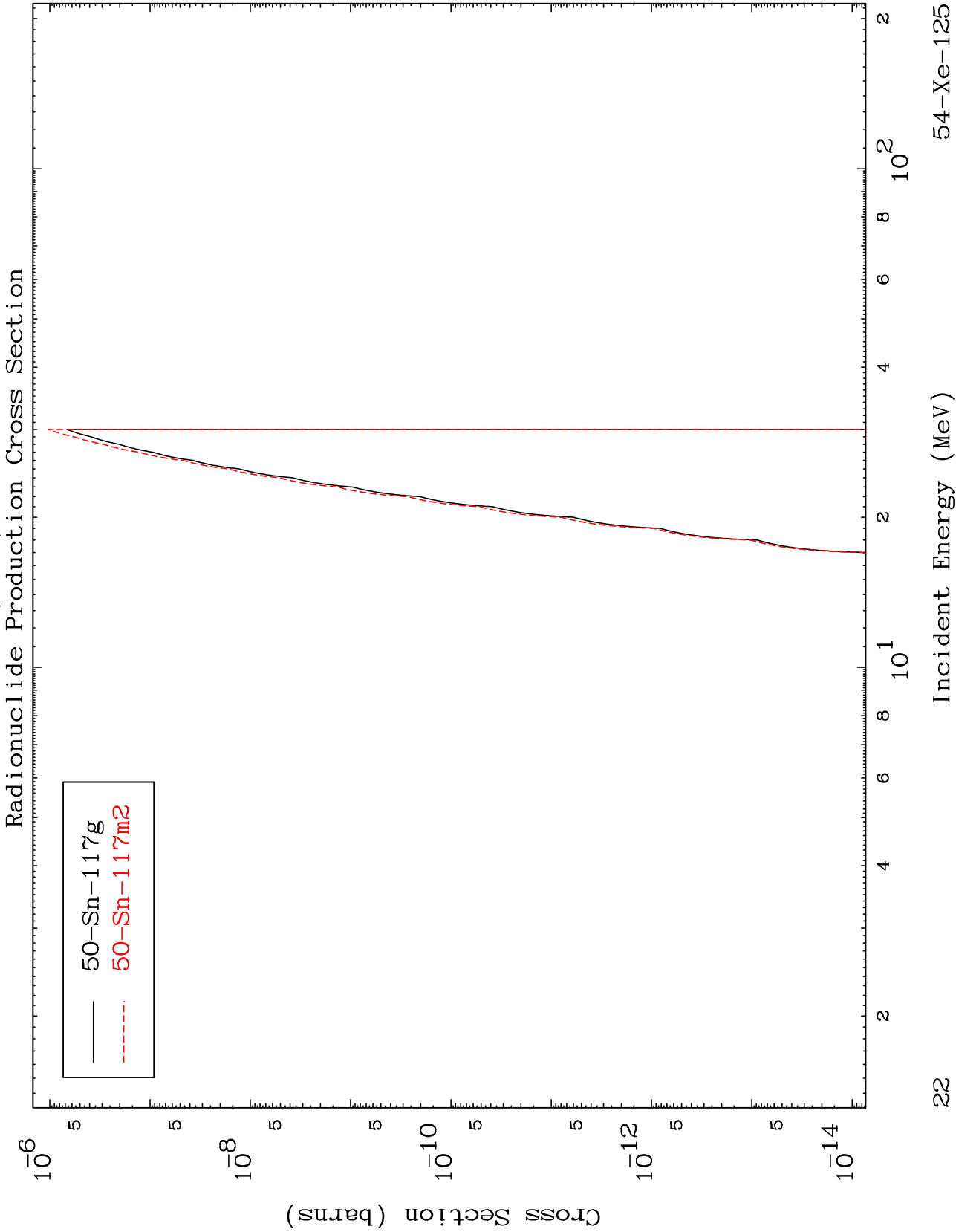
Radionuclide Production Cross Section



MAT 5429

(n,n') 2 $\alpha$

54-Xe-125

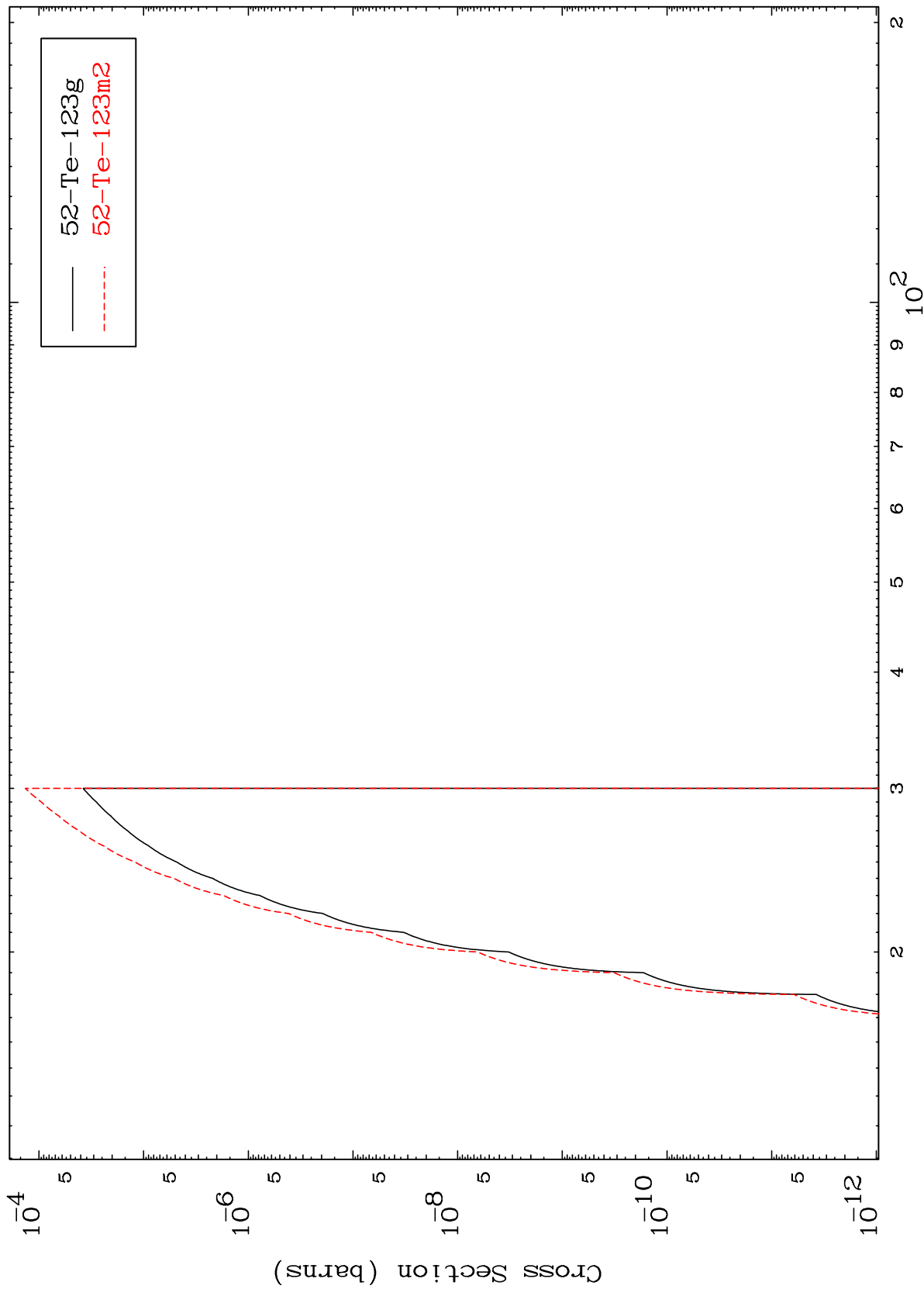


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(n,2n) p

54-Xe-125

Radionuclide Production Cross Section



23

Incident Energy (MeV)

54-Xe-125

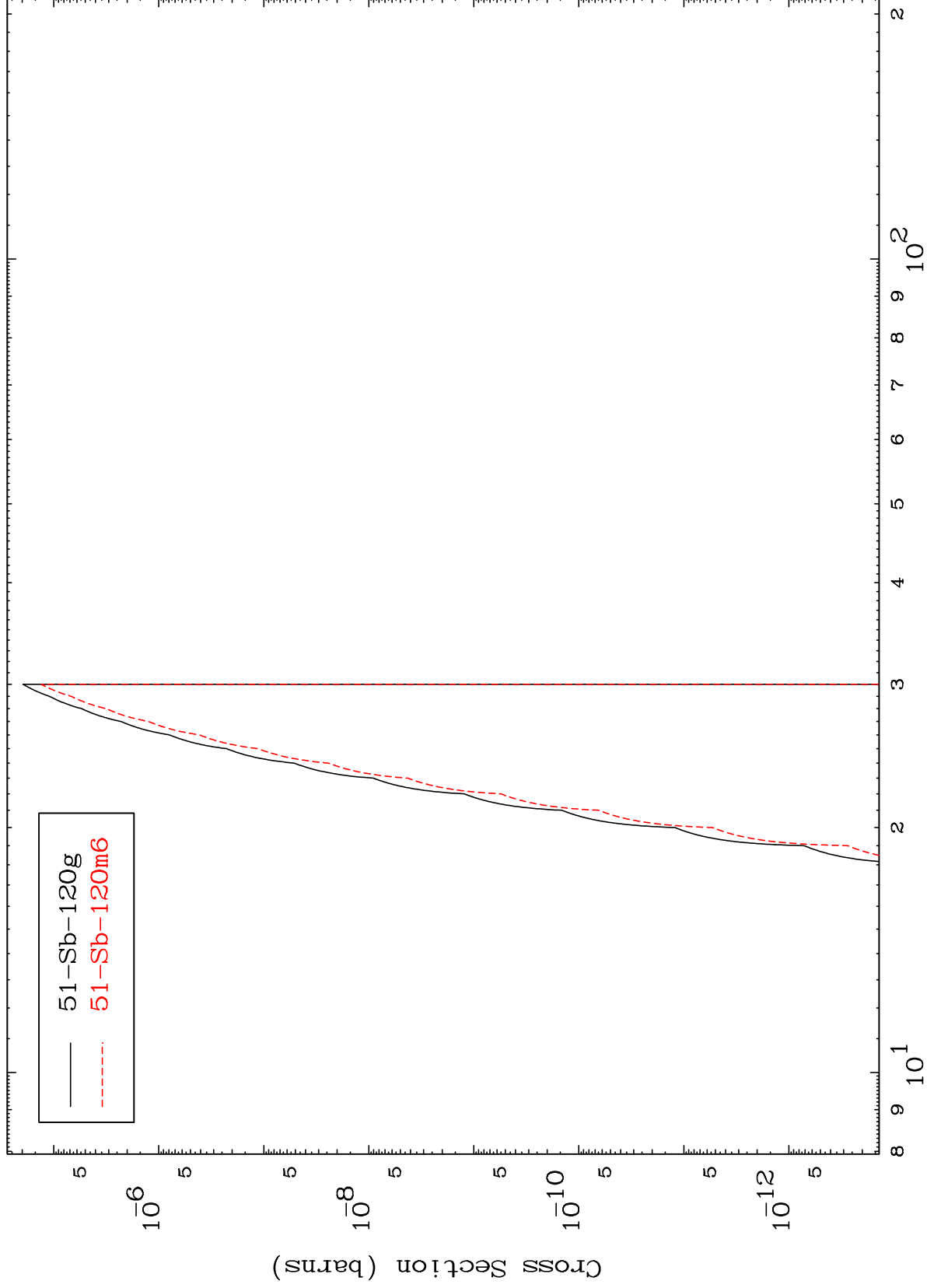


MAT 5429

(n,n') p  $\alpha$

54-Xe-125

Radionuclide Production Cross Section

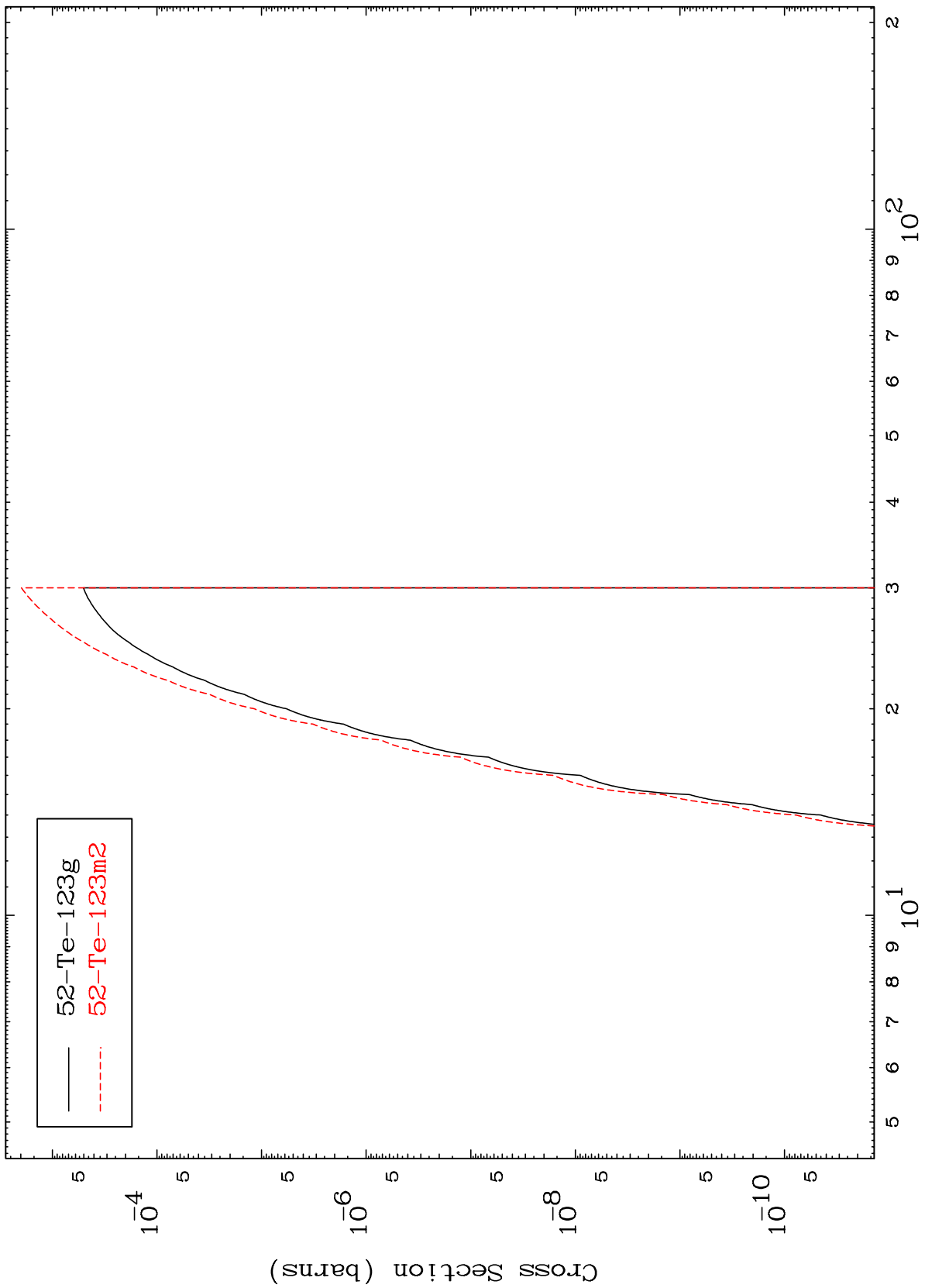


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Incident Energy (MeV)

54-Xe-125

Radionuclide Production Cross Section  
(n,He-3)

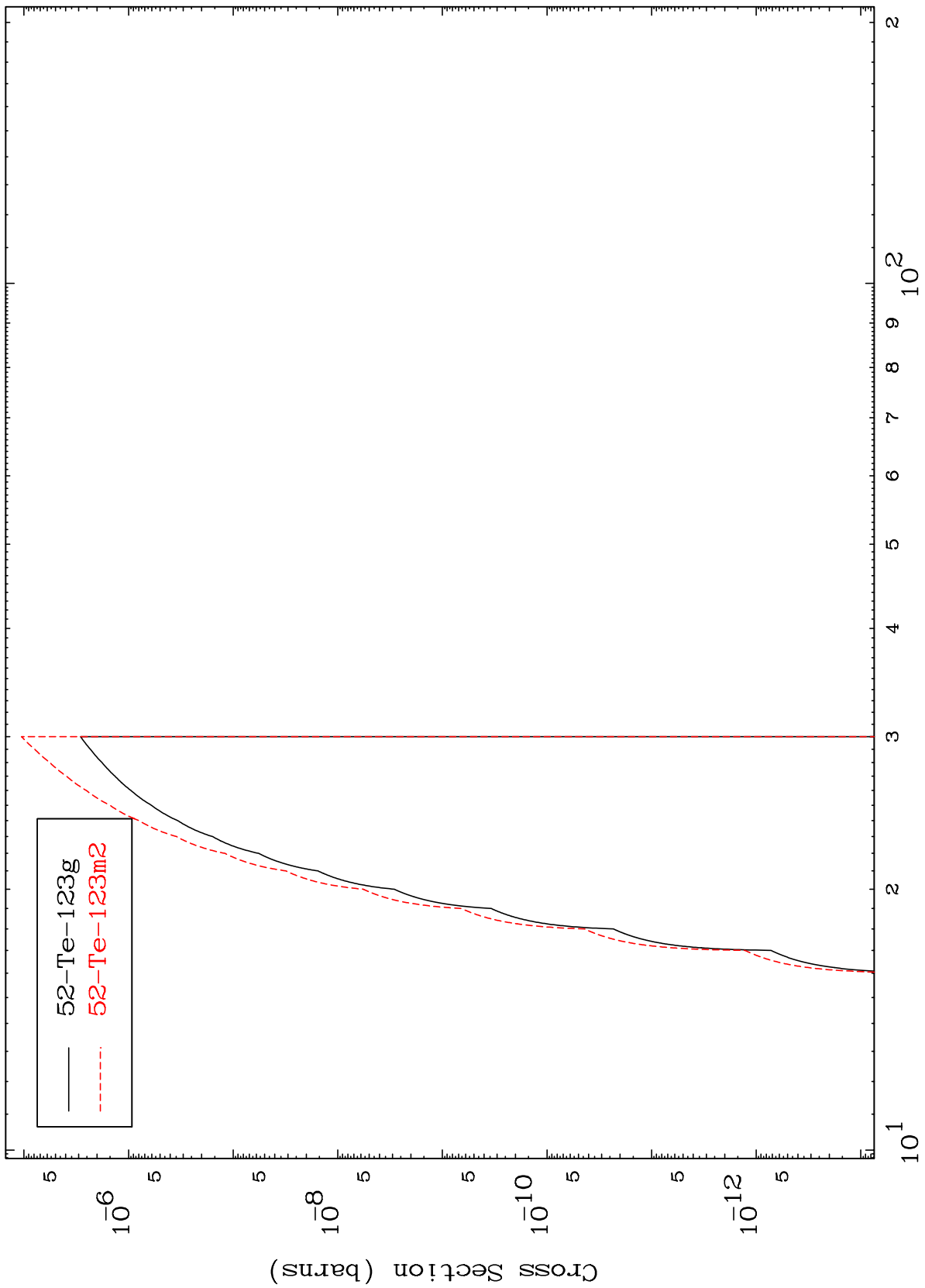


MAT 5429

(n,p) d

54-Xe-125

Radionuclide Production Cross Section



54-Xe-125

54-Xe-125

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