

Program EVALPLOT  
(Version 2018-1)

by

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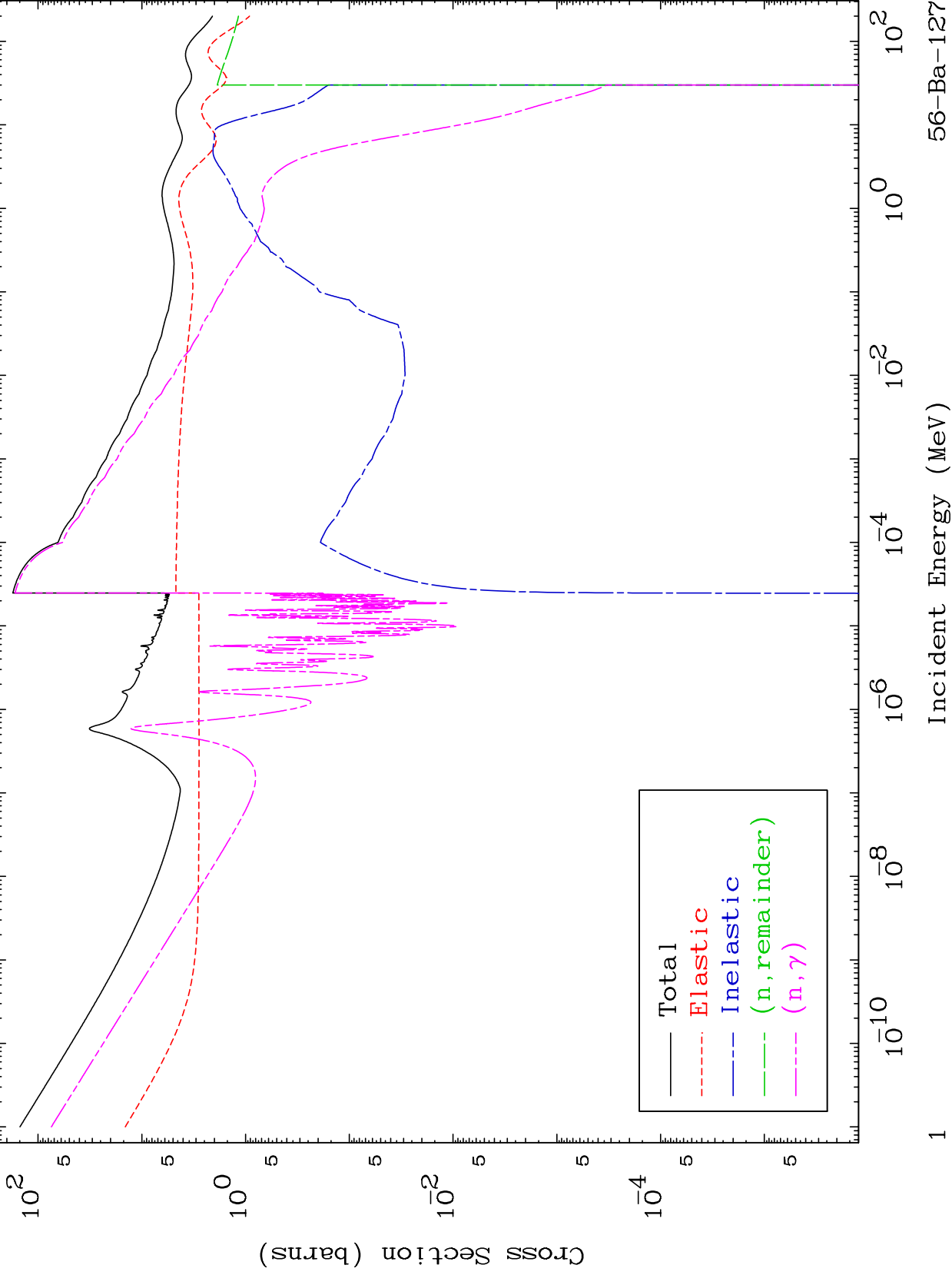
Press Mouse Button to Start

MAT 5617

Major

293 Kelvin Cross Sections

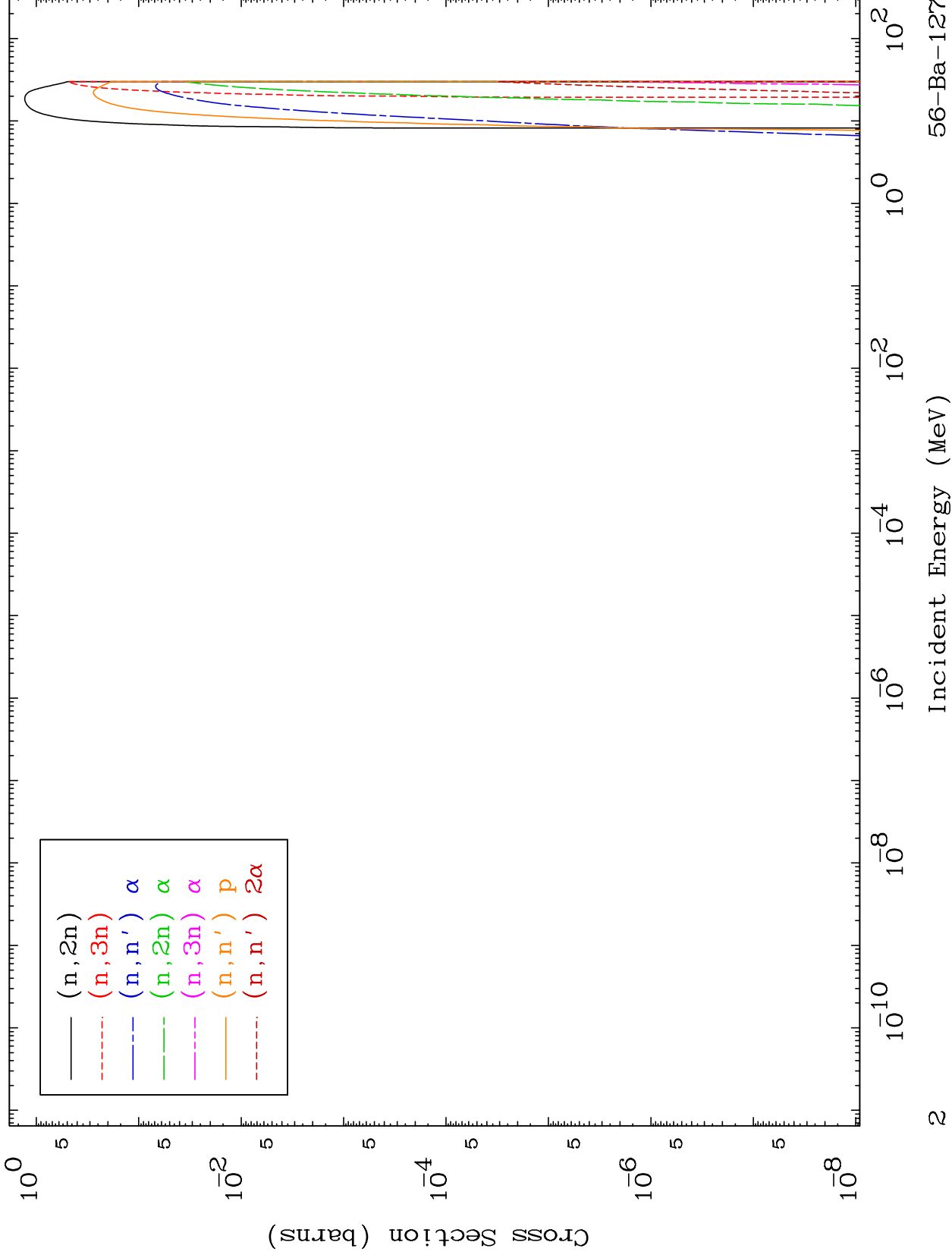
56-Ba-127

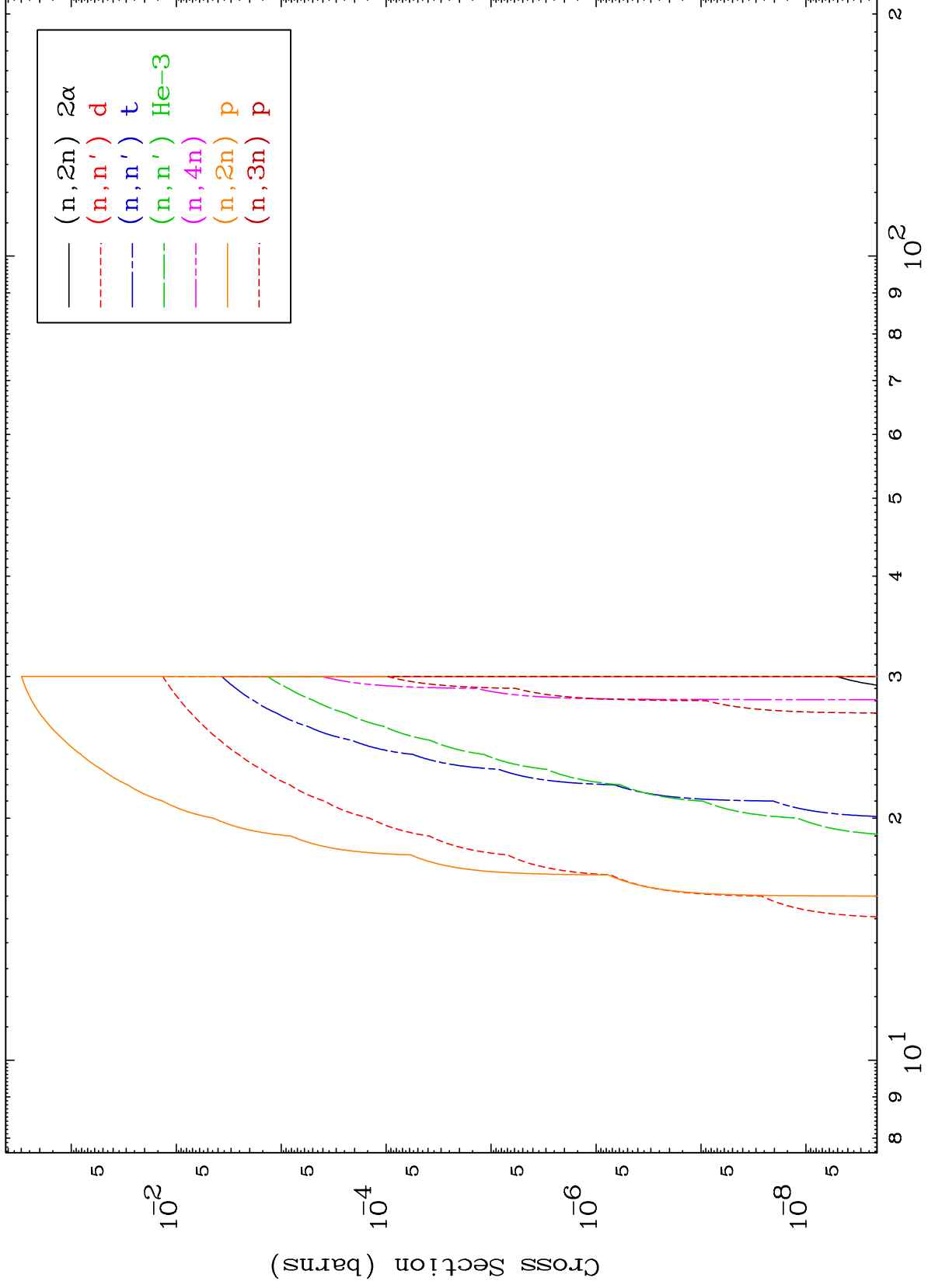


MAT 5617

Neutron Production  
293 Kelvin Cross Sections

56-Ba-127

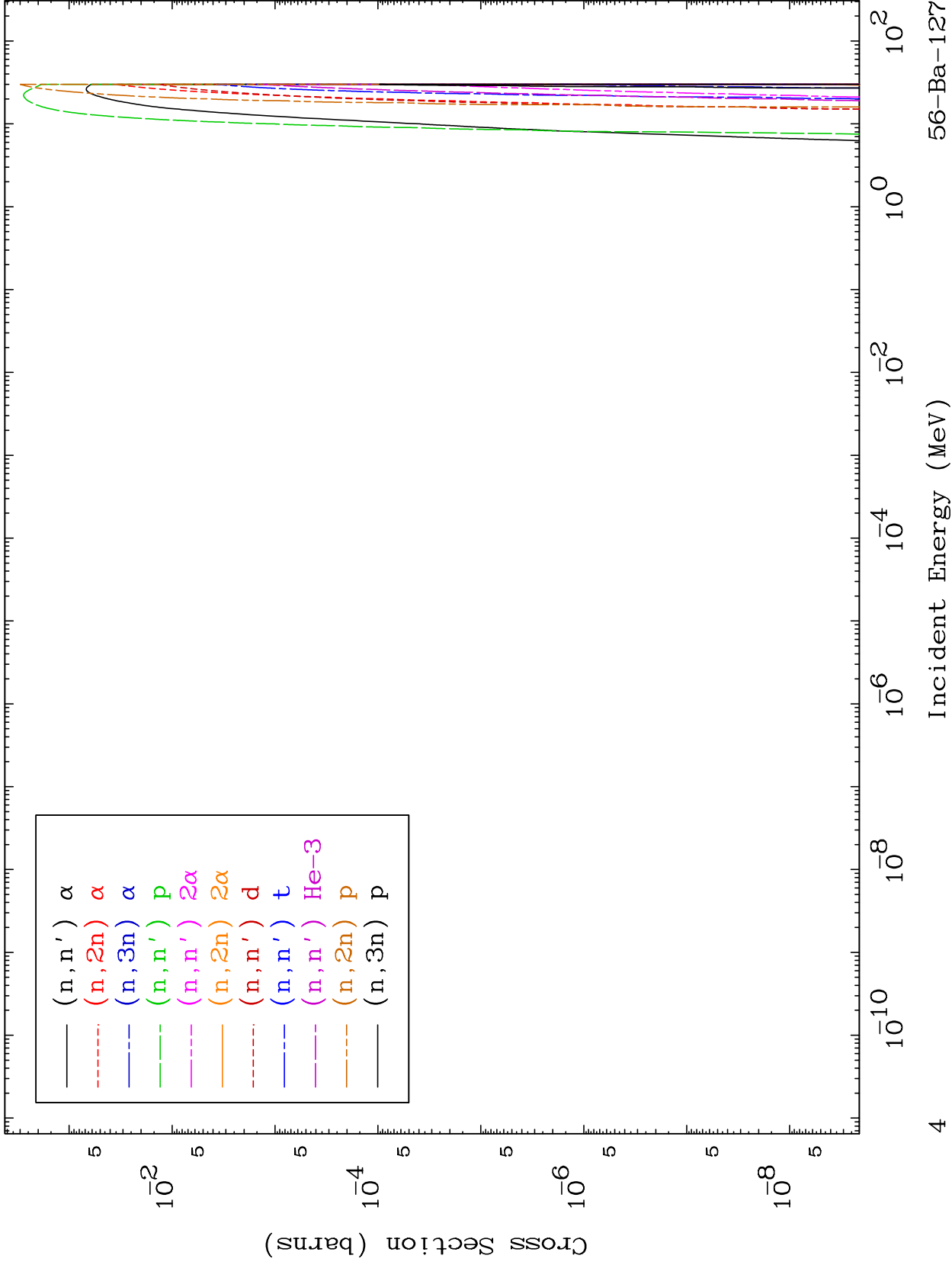




MAT 5617

Charged Particle  
293 Kelvin Cross Sections

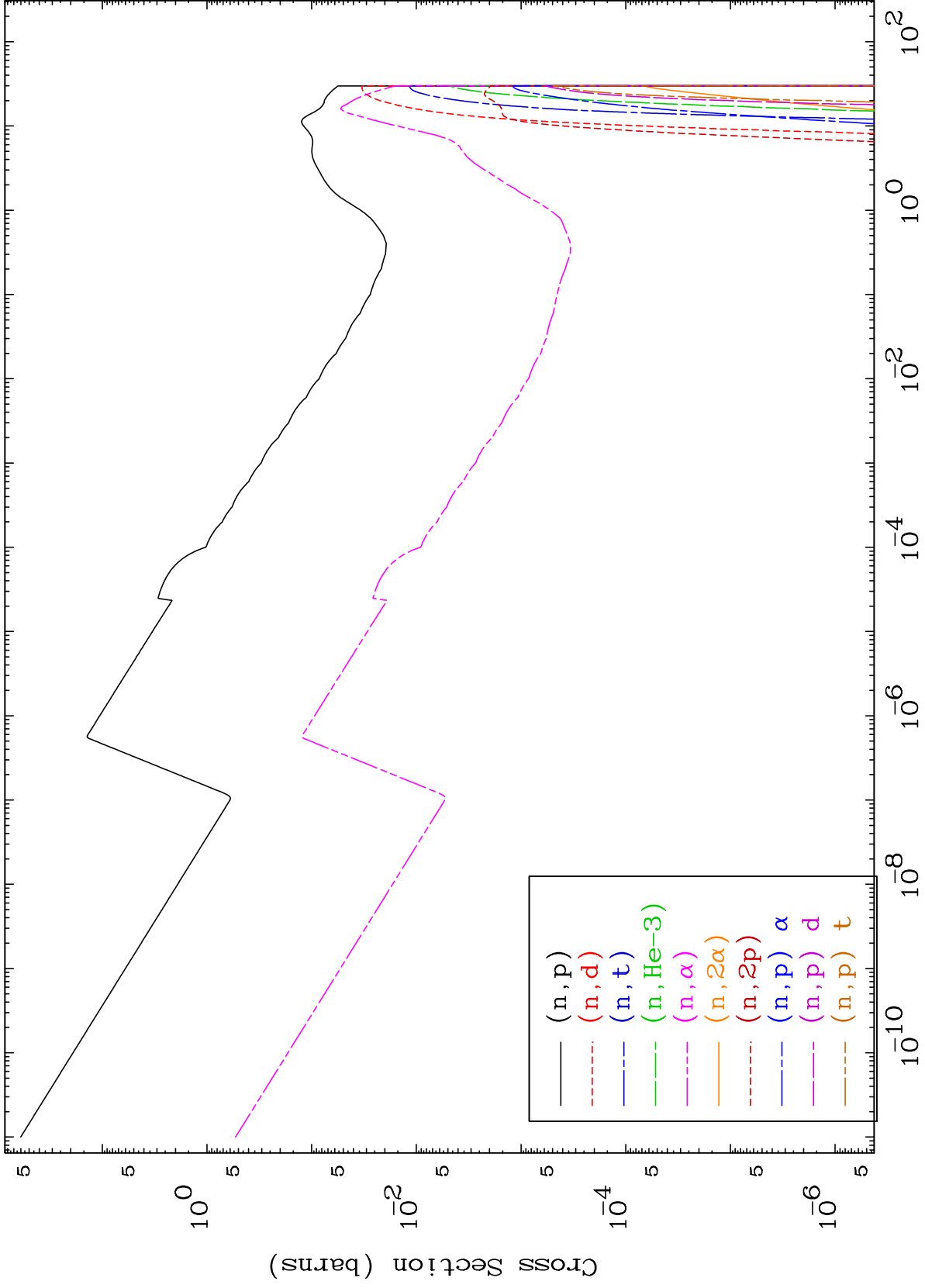
56-Ba-127



MAT 5617

Charged Particle  
293 Kelvin Cross Sections

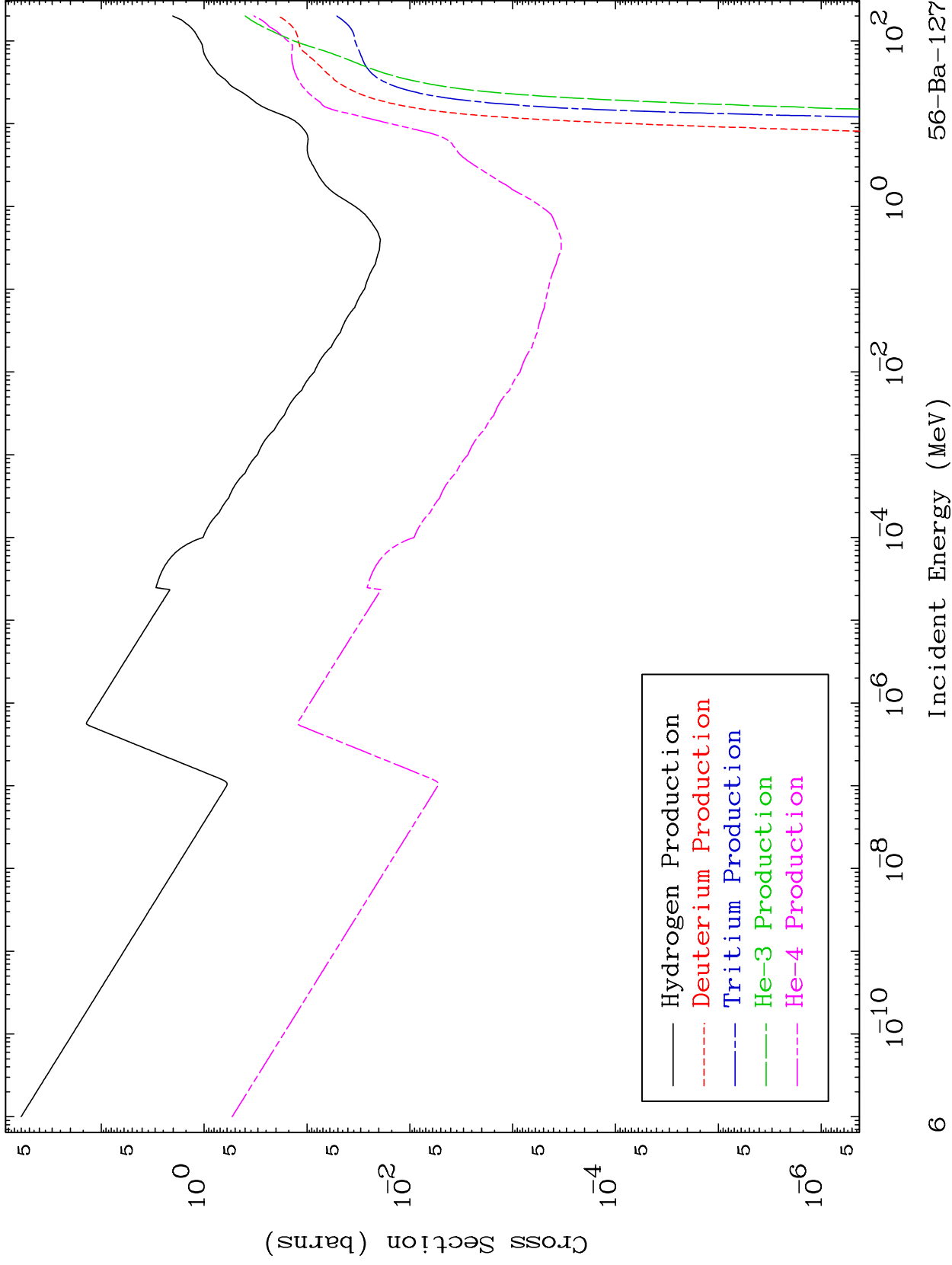
56-Ba-127



MAT 5617

Particle Production  
293 Kelvin Cross Sections

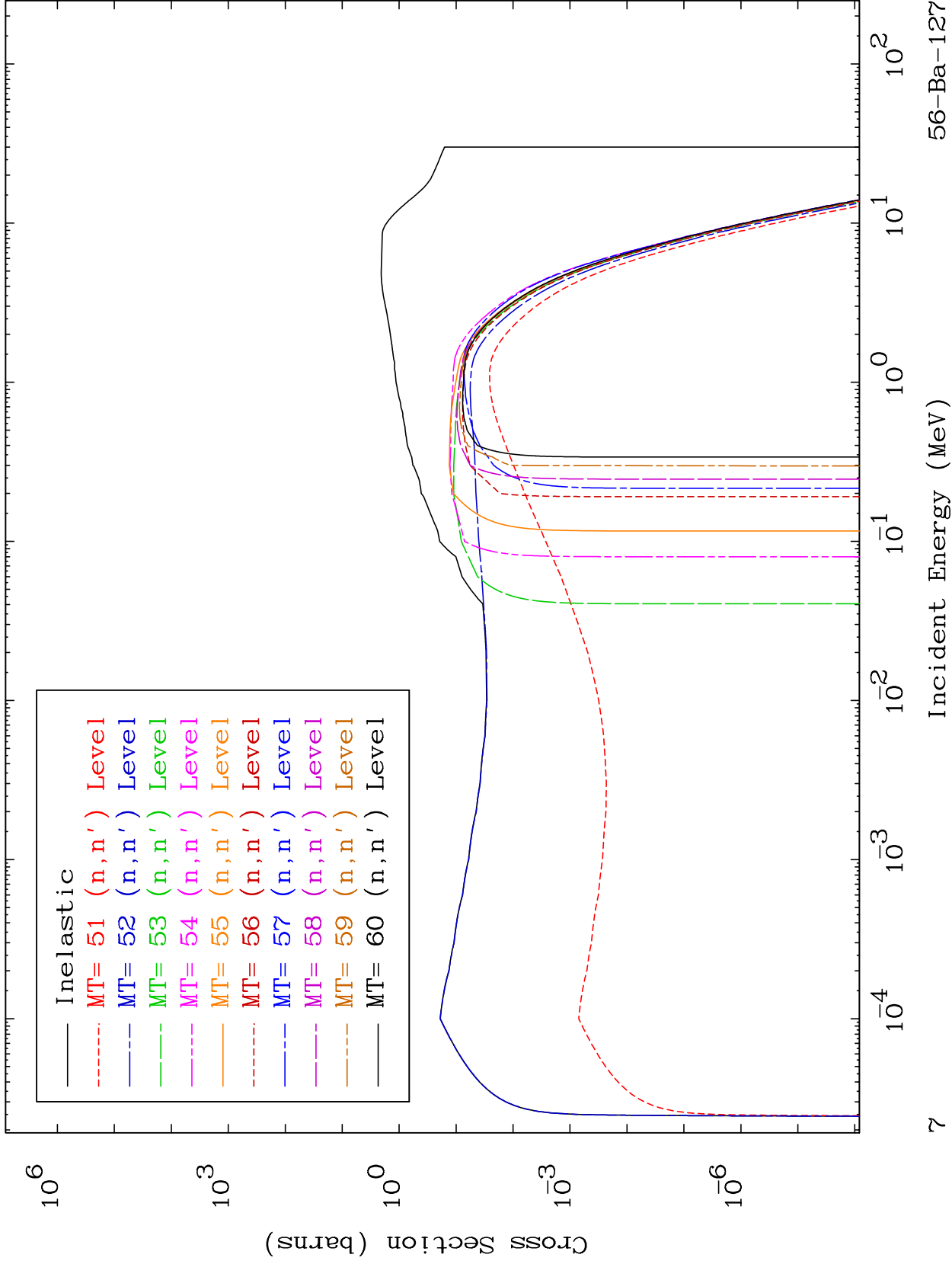
56-Ba-127



MAT 5617

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-127



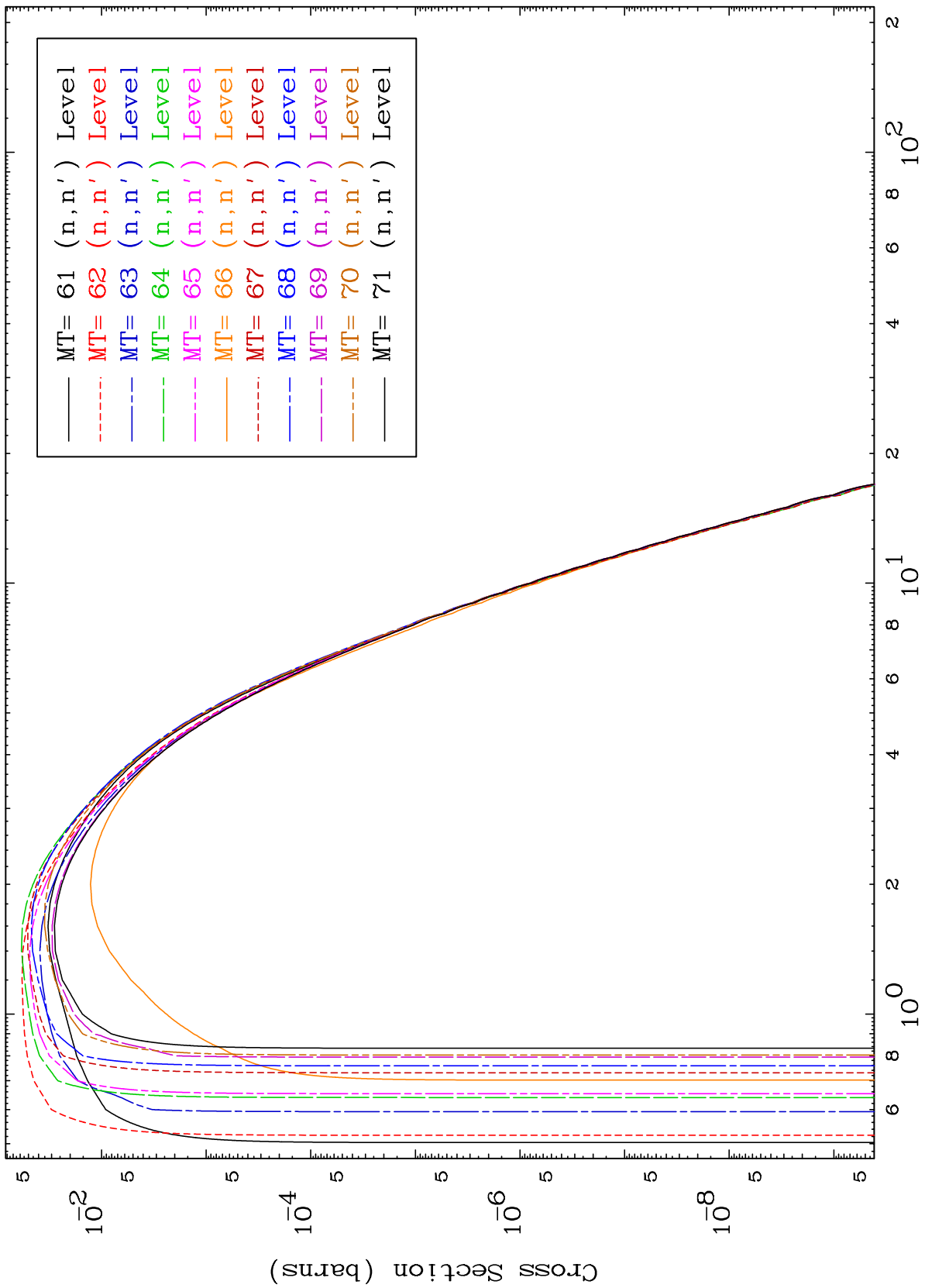


MAT 5617

(n,n') Level

56-Ba-127

293 Kelvin Cross Sections



8

Incident Energy (MeV)

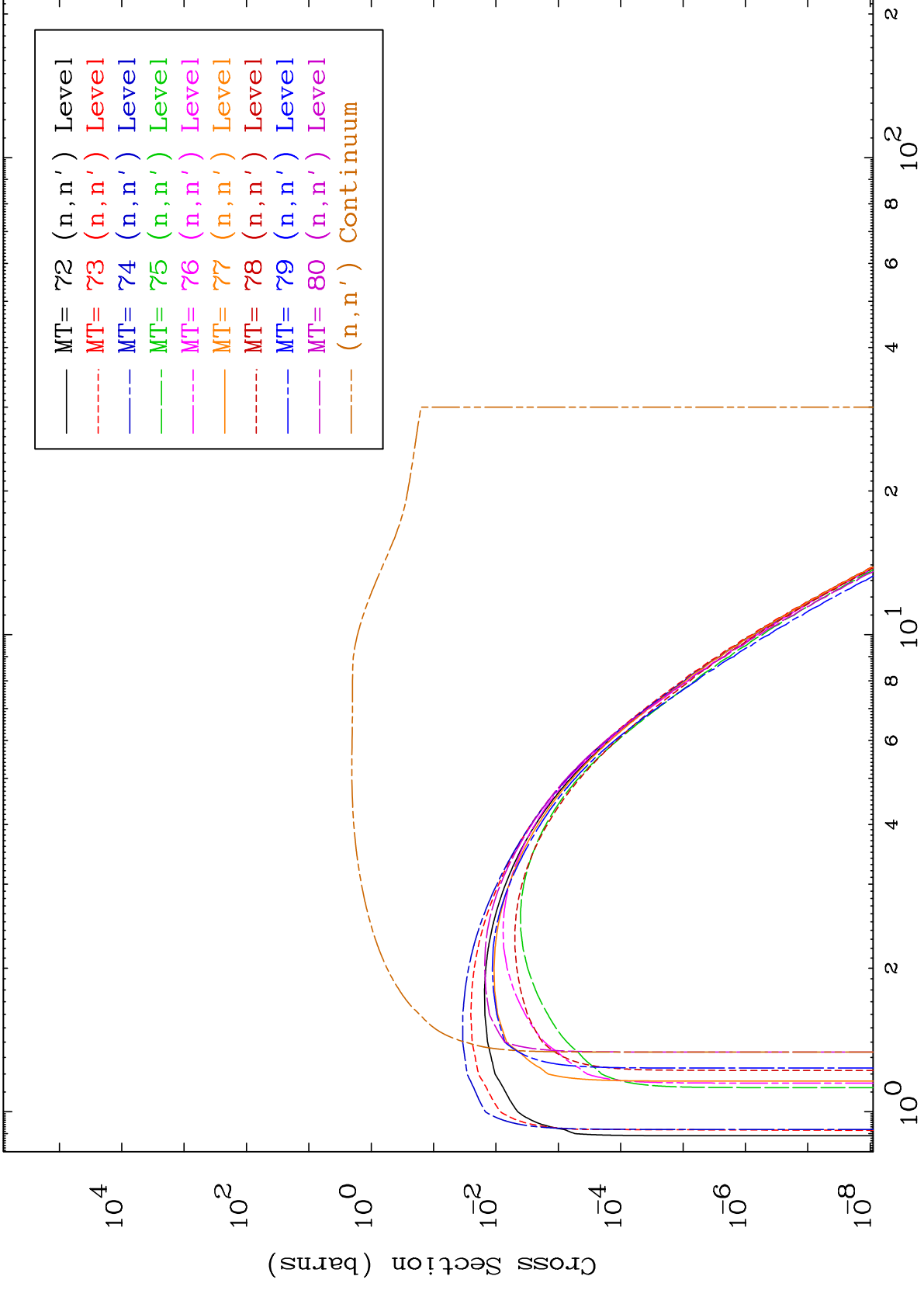
56-Ba-127

MAT 5617

(n,n') Level

56-Ba-127

293 Kelvin Cross Sections



9

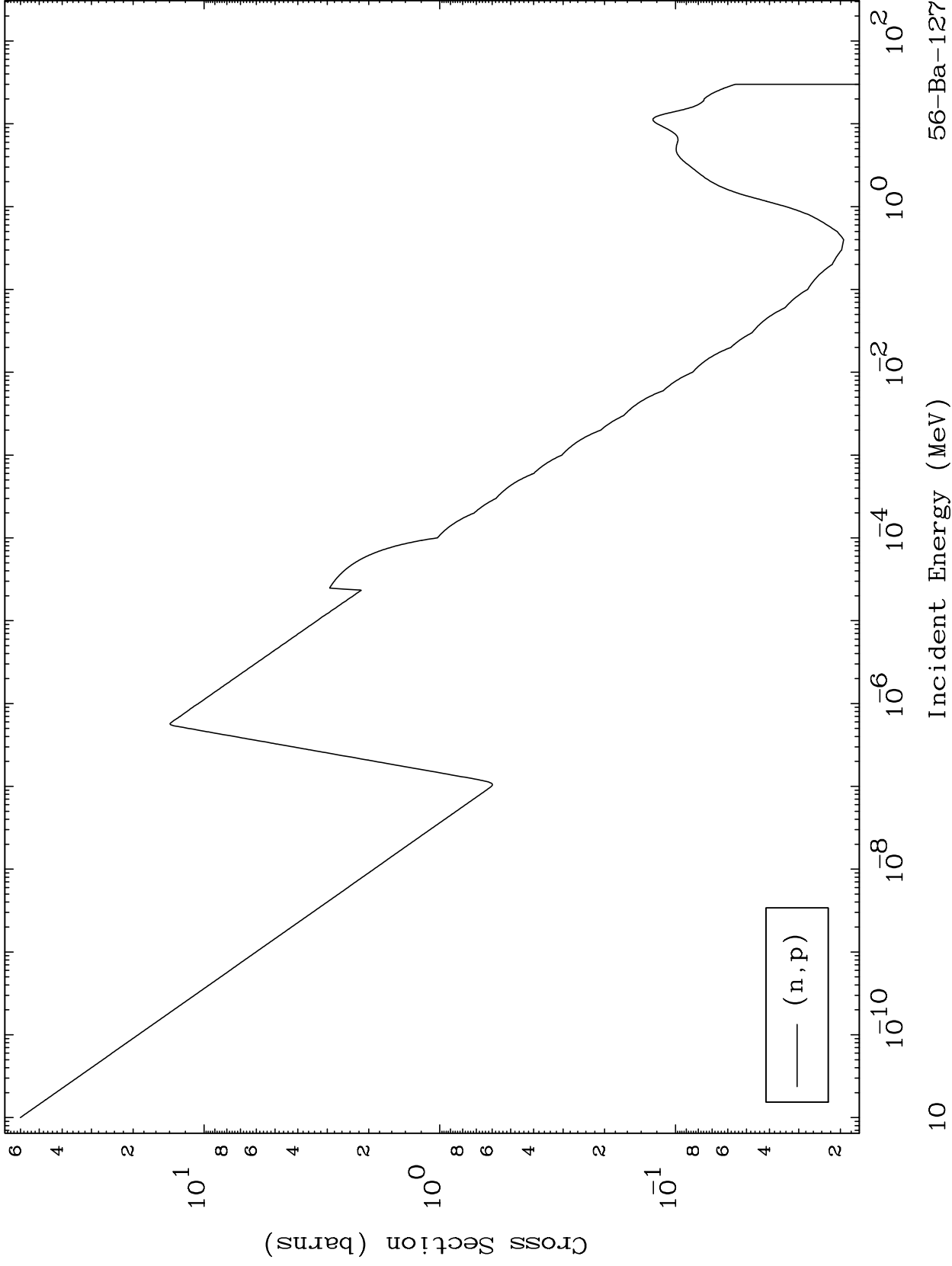
Incident Energy (MeV)

56-Ba-127

MAT 5617

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-127



10

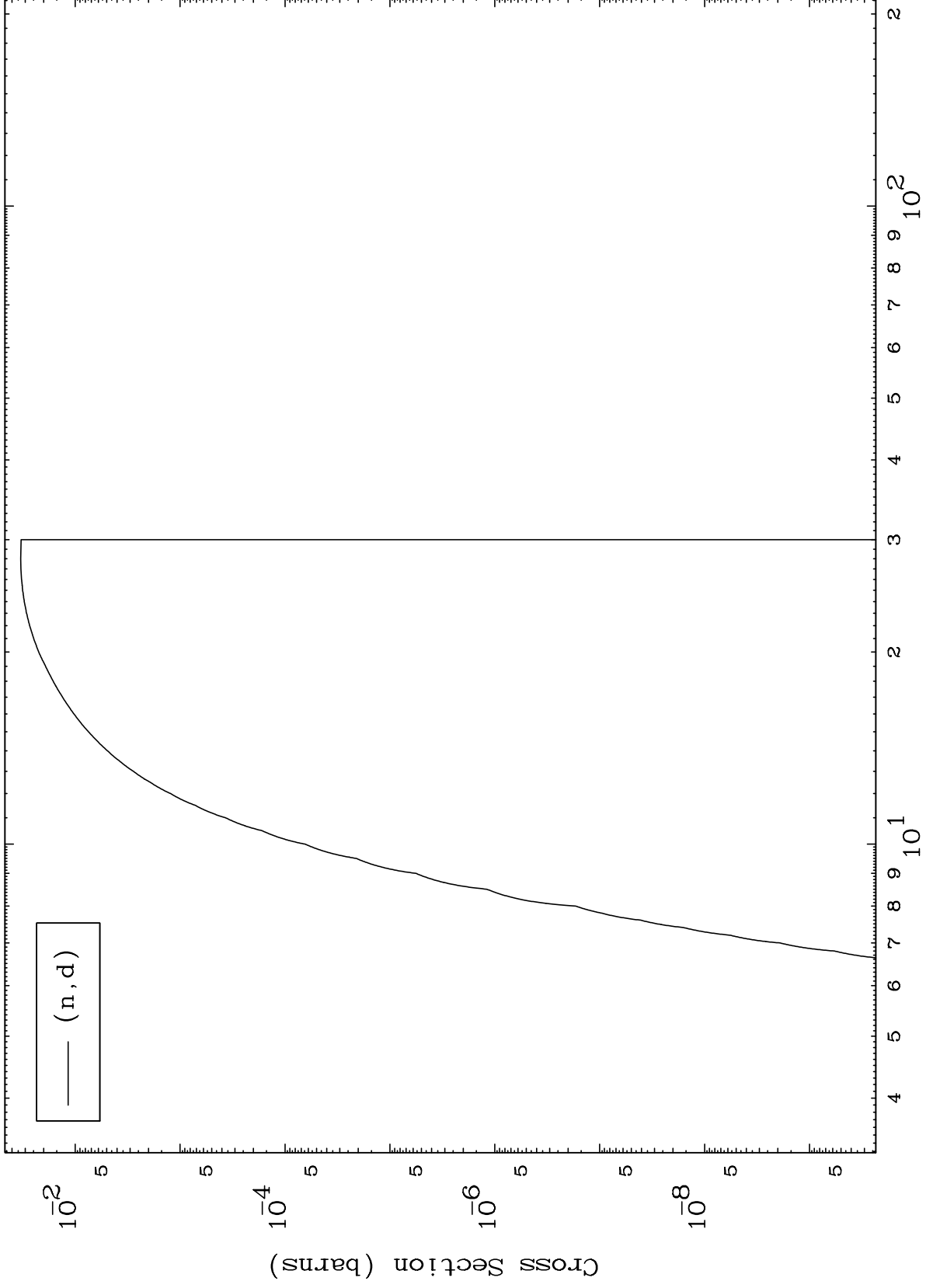
Incident Energy (MeV)

56-Ba-127

MAT 5617

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-127



11

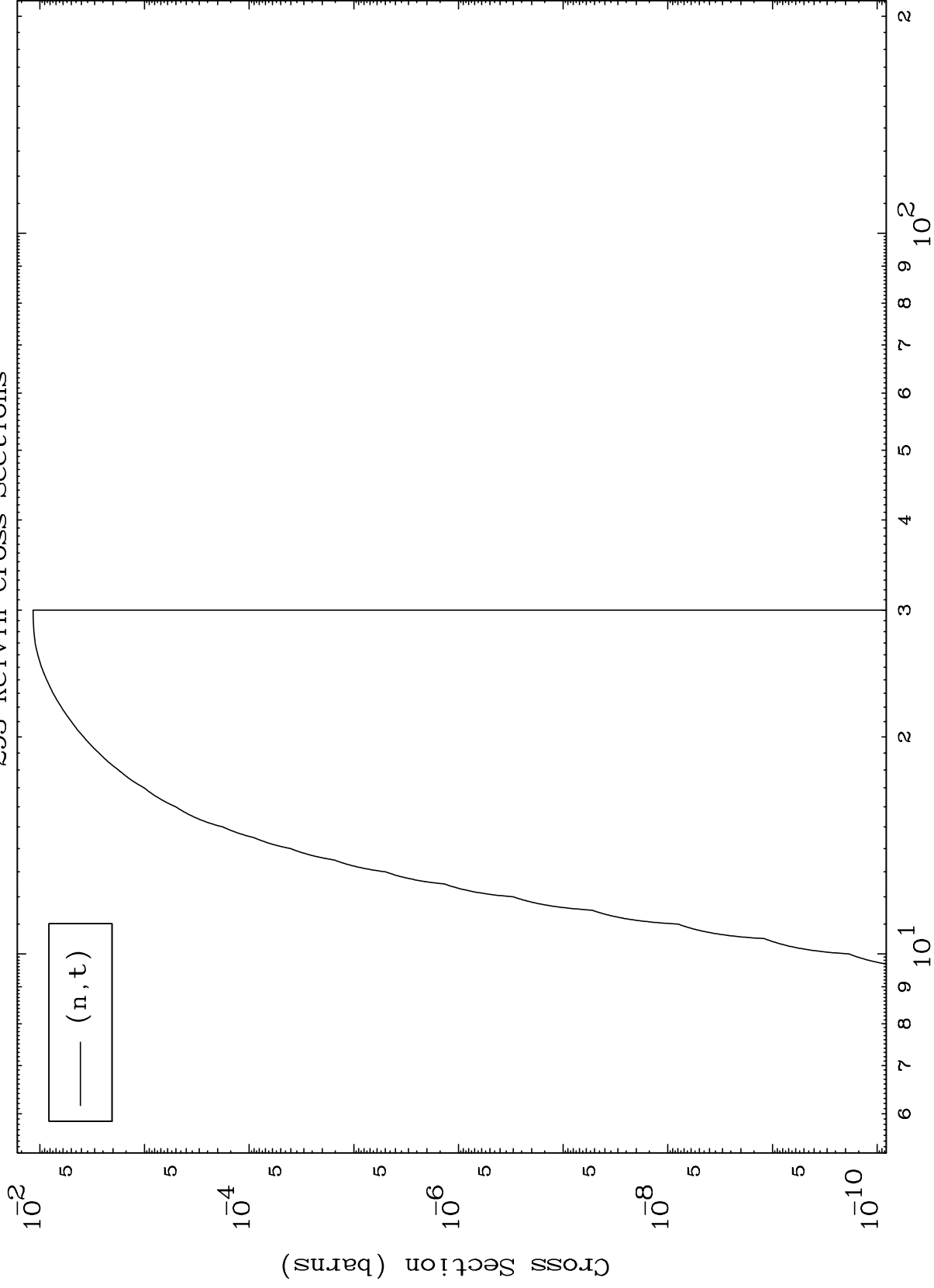
Incident Energy (MeV)

56-Ba-127

MAT 5617

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-127



12

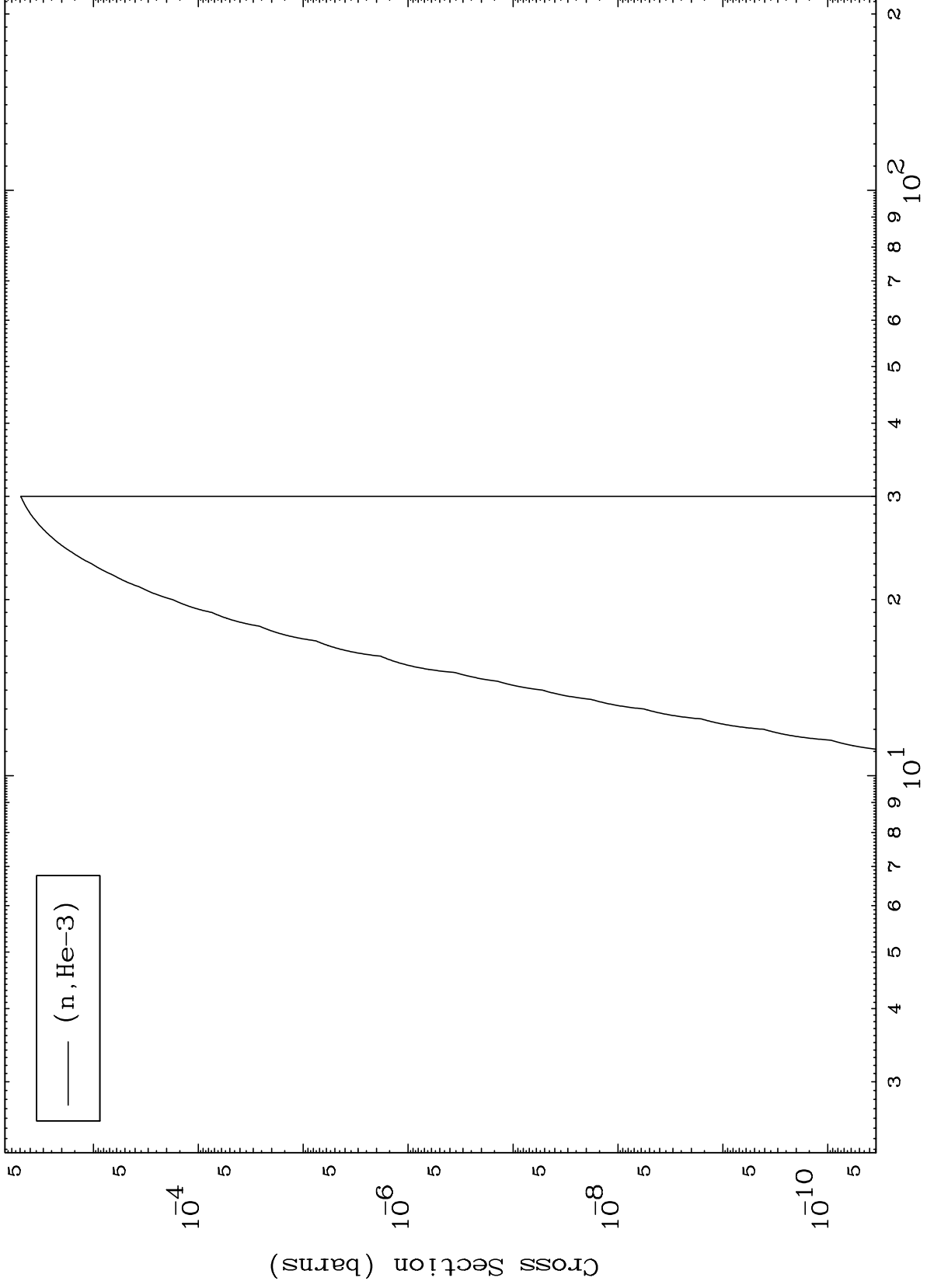
Incident Energy (MeV)

56-Ba-127

MAT 5617

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-127



13

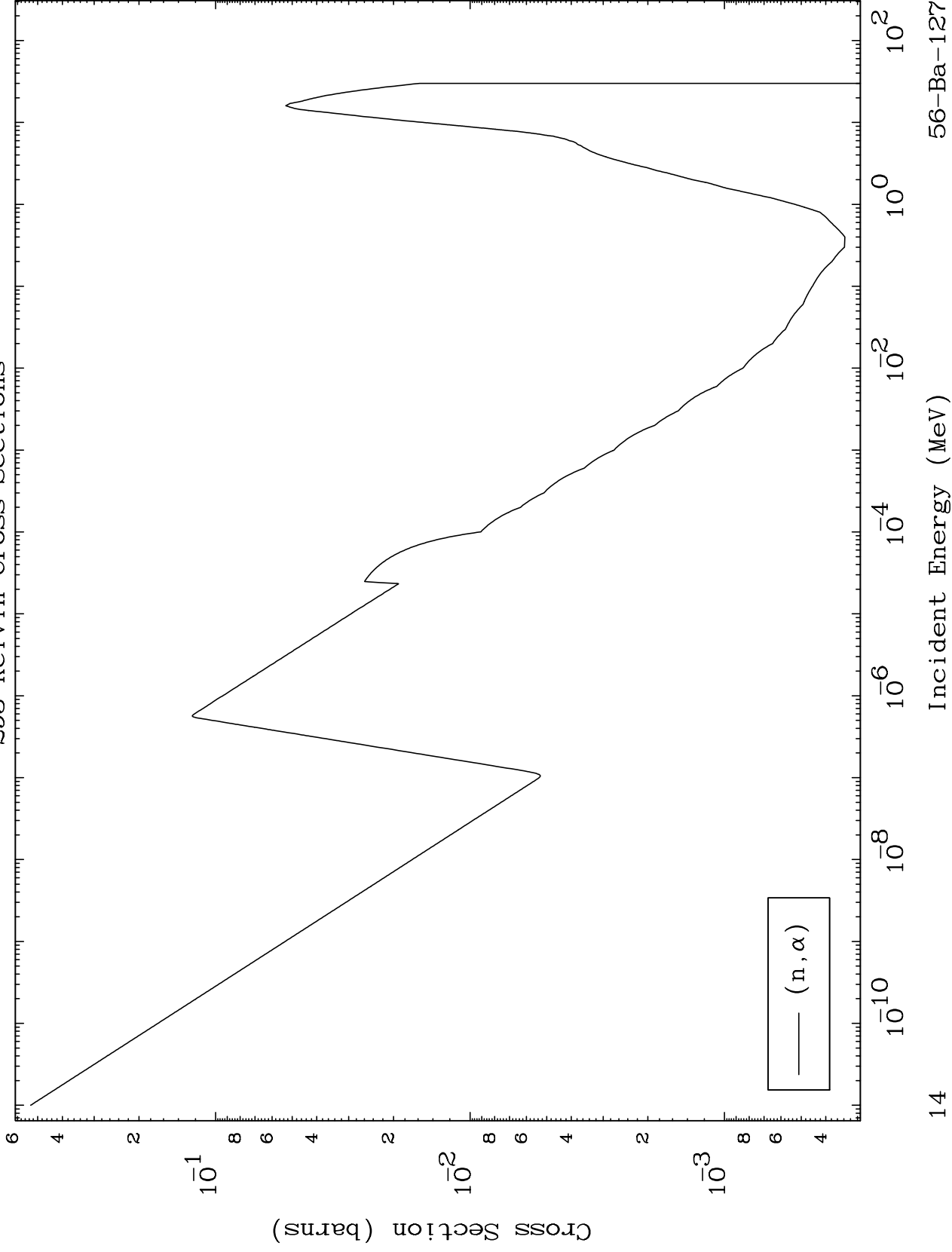
Incident Energy (MeV)

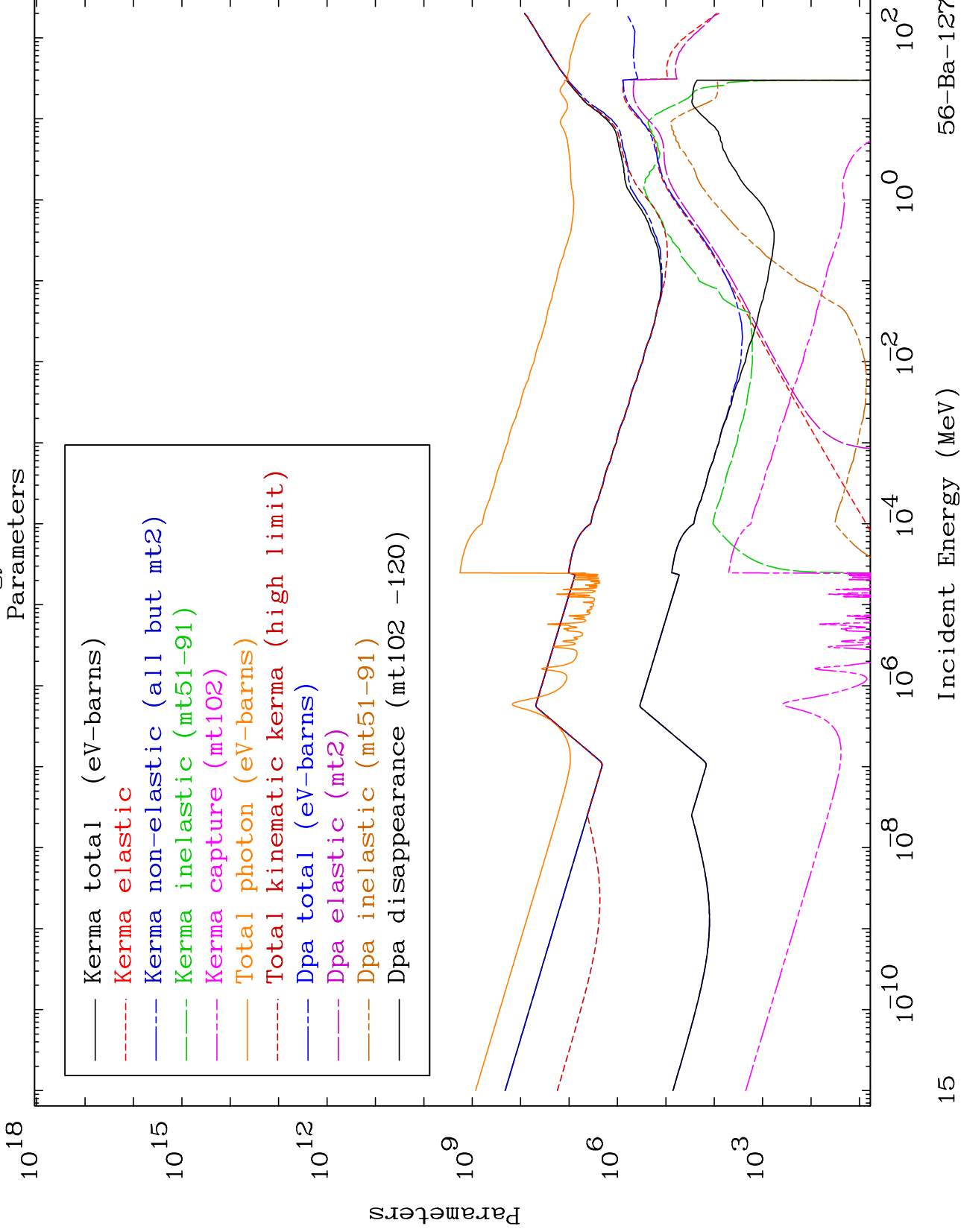
56-Ba-127

MAT 5617

(n,α) Levels  
293 Kelvin Cross Sections

56-Ba-127



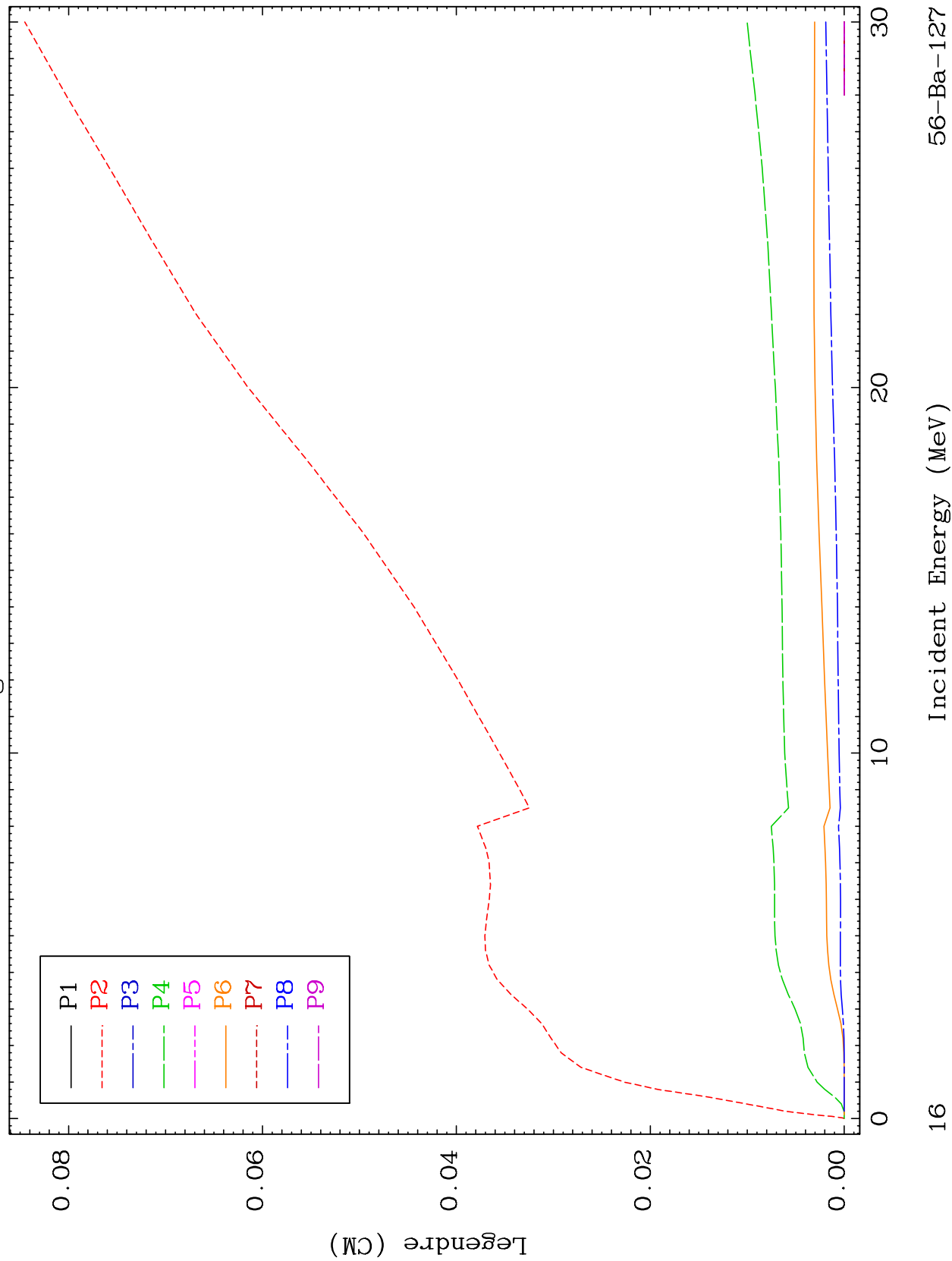




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Elastic Legendre Coefficients

56-Ba-127



56-Ba-127

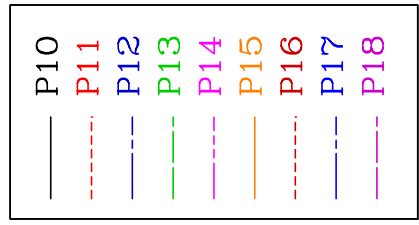
Incident Energy (MeV)

16

MAT 5617

Elastic Legendre Coefficients

56-Ba-127



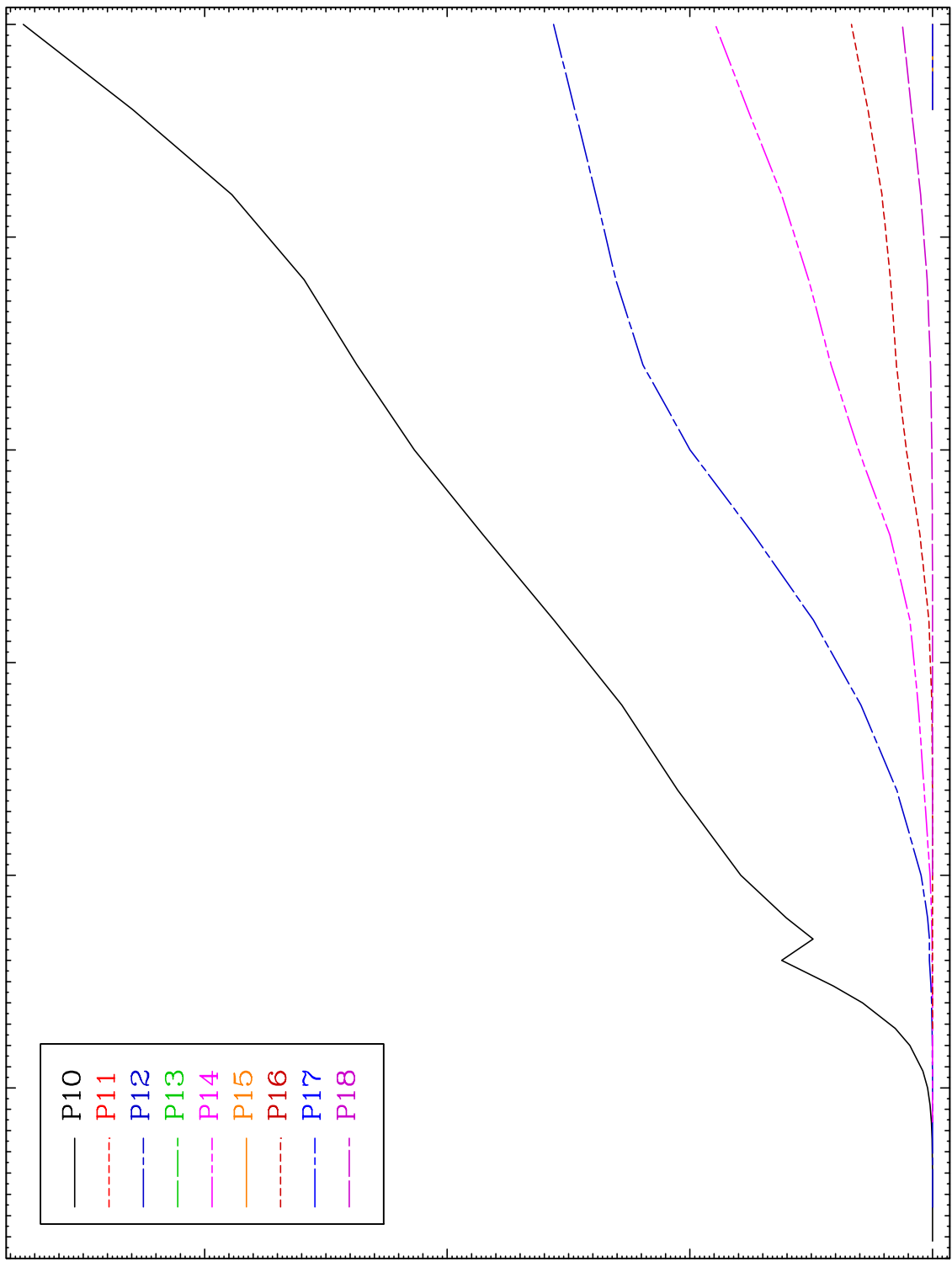
$\times 10^{-4}$

Legendre (CM)

17

Incident Energy (MeV)

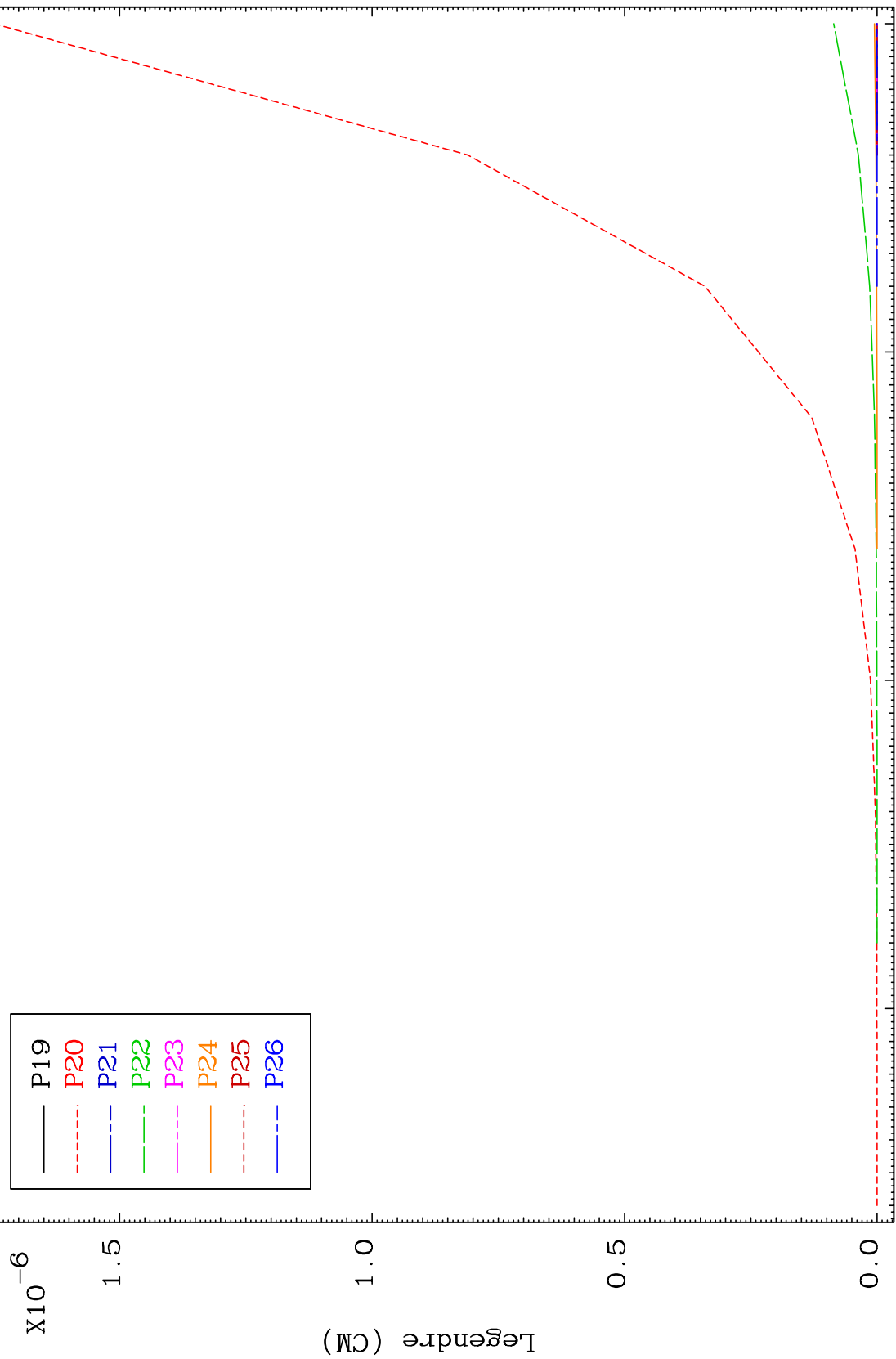
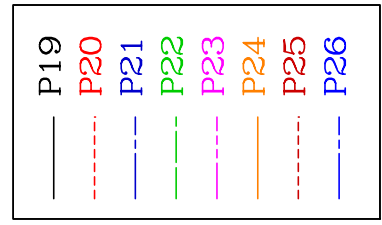
56-Ba-127



MAT 5617

Elastic Legendre Coefficients

56-Ba-127



18

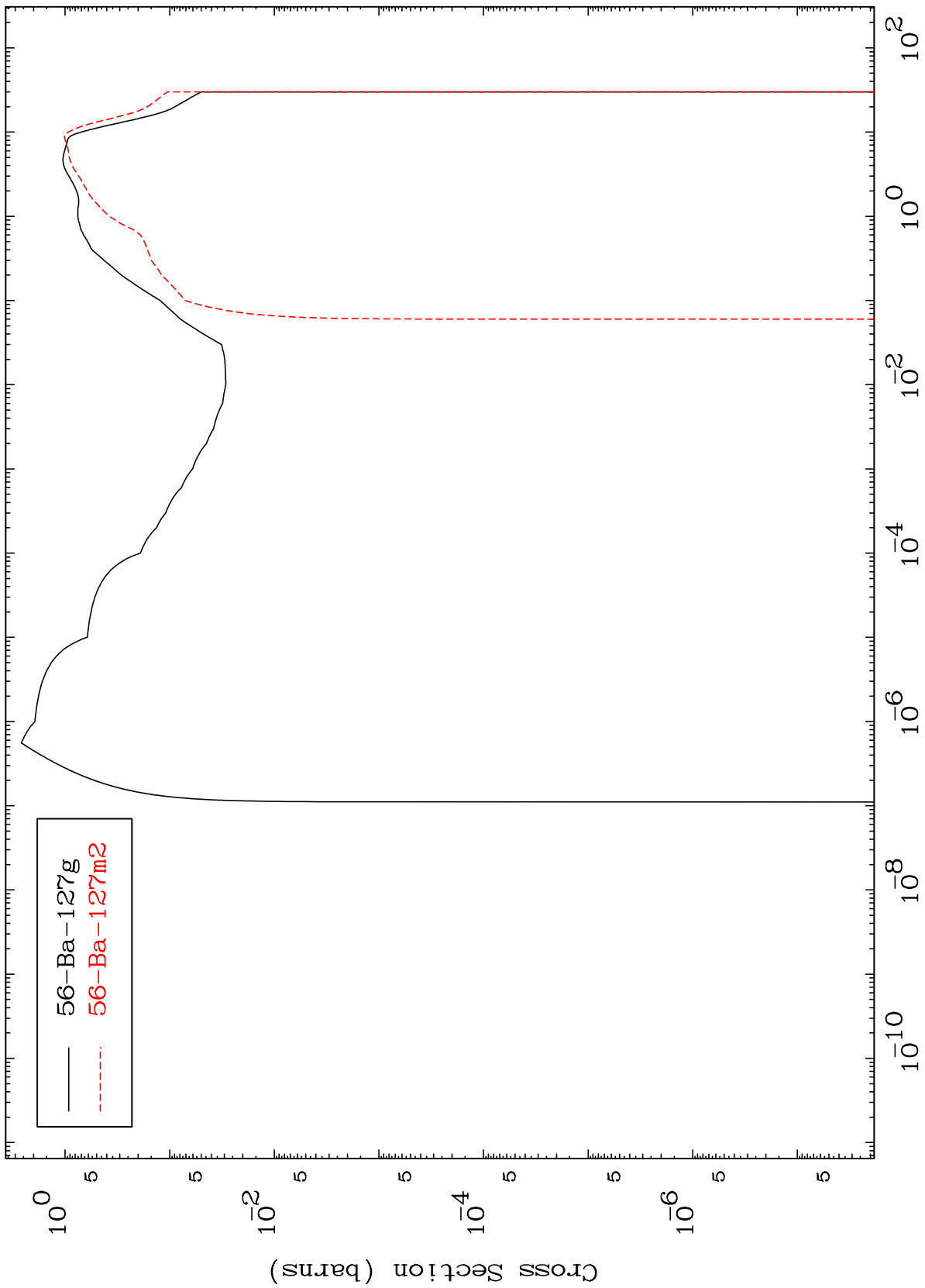
Incident Energy (MeV)

56-Ba-127

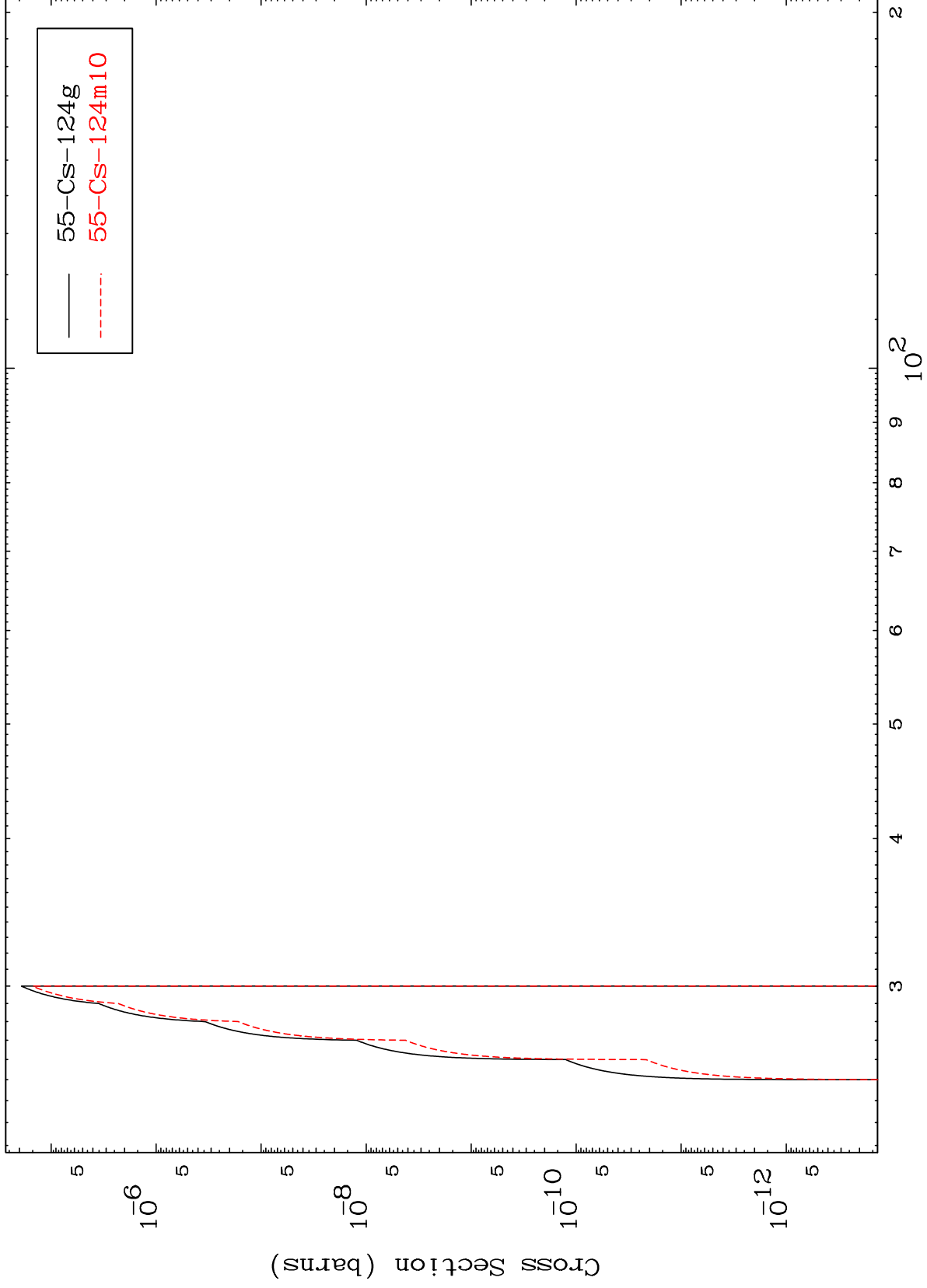
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56-Ba-127

Inelastic  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

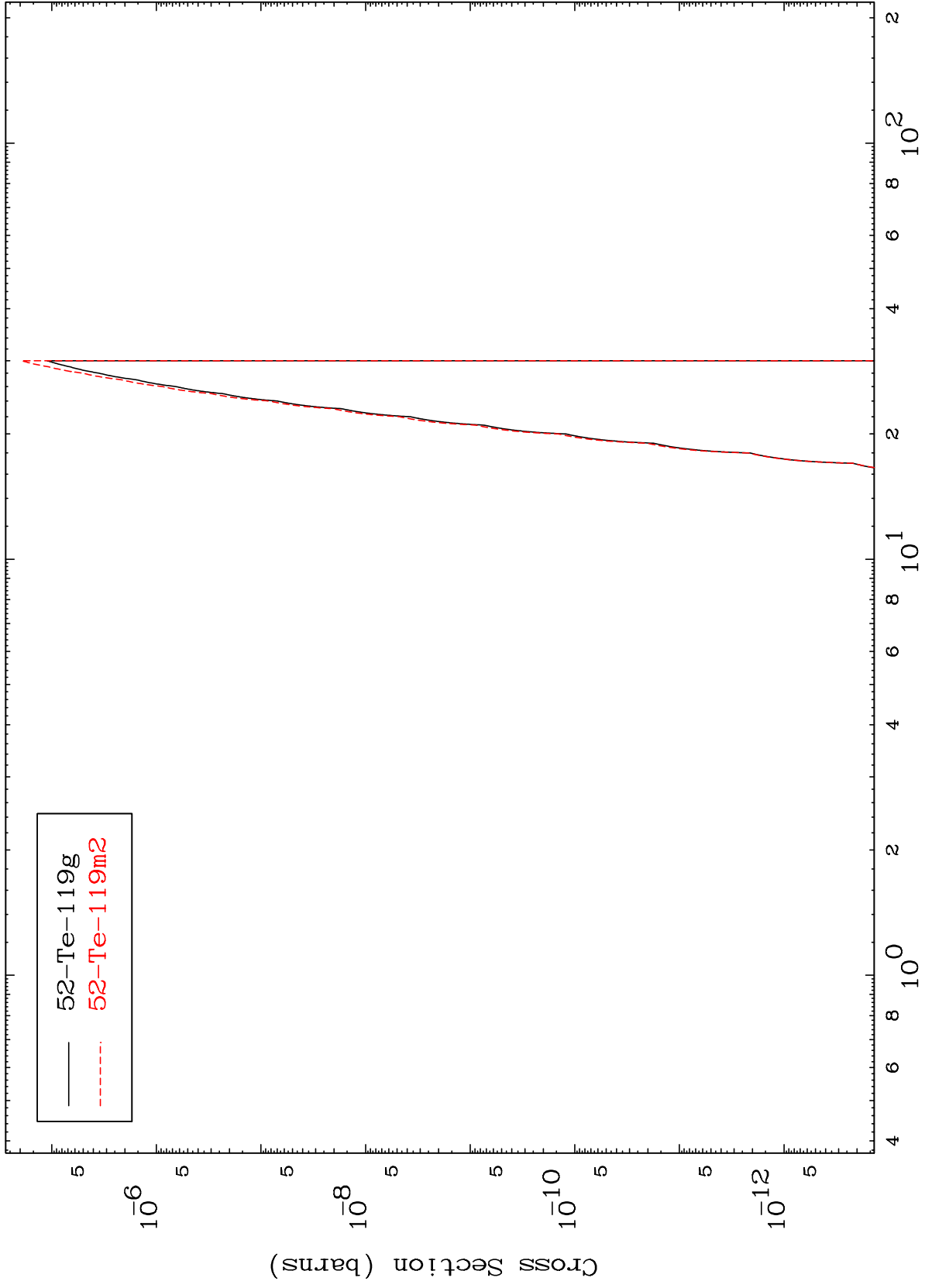


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(n,n') 2α

56-Ba-127

Radionuclide Production Cross Section

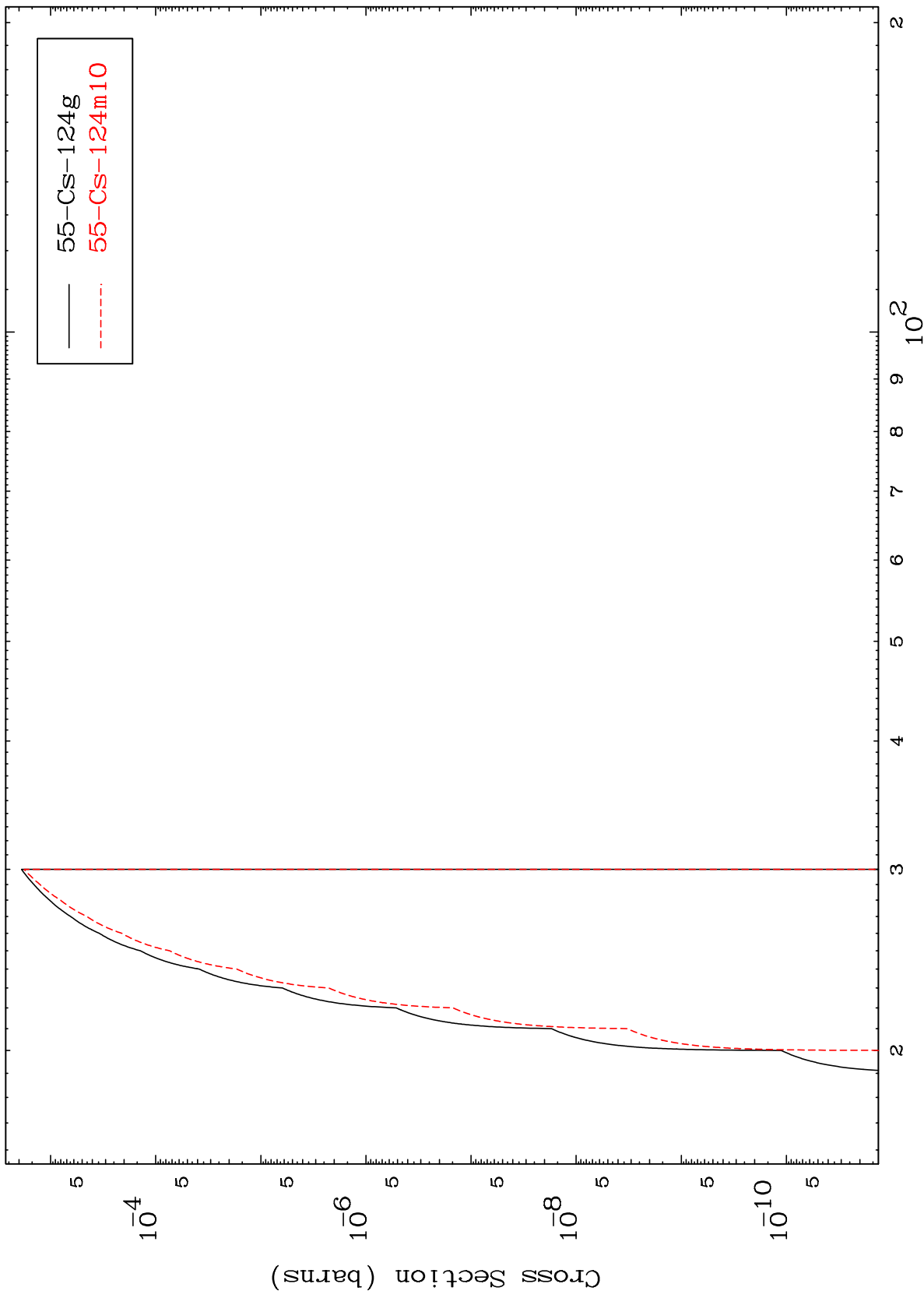


MAT 5617

(n,n') t

56-Ba-127

Radionuclide Production Cross Section

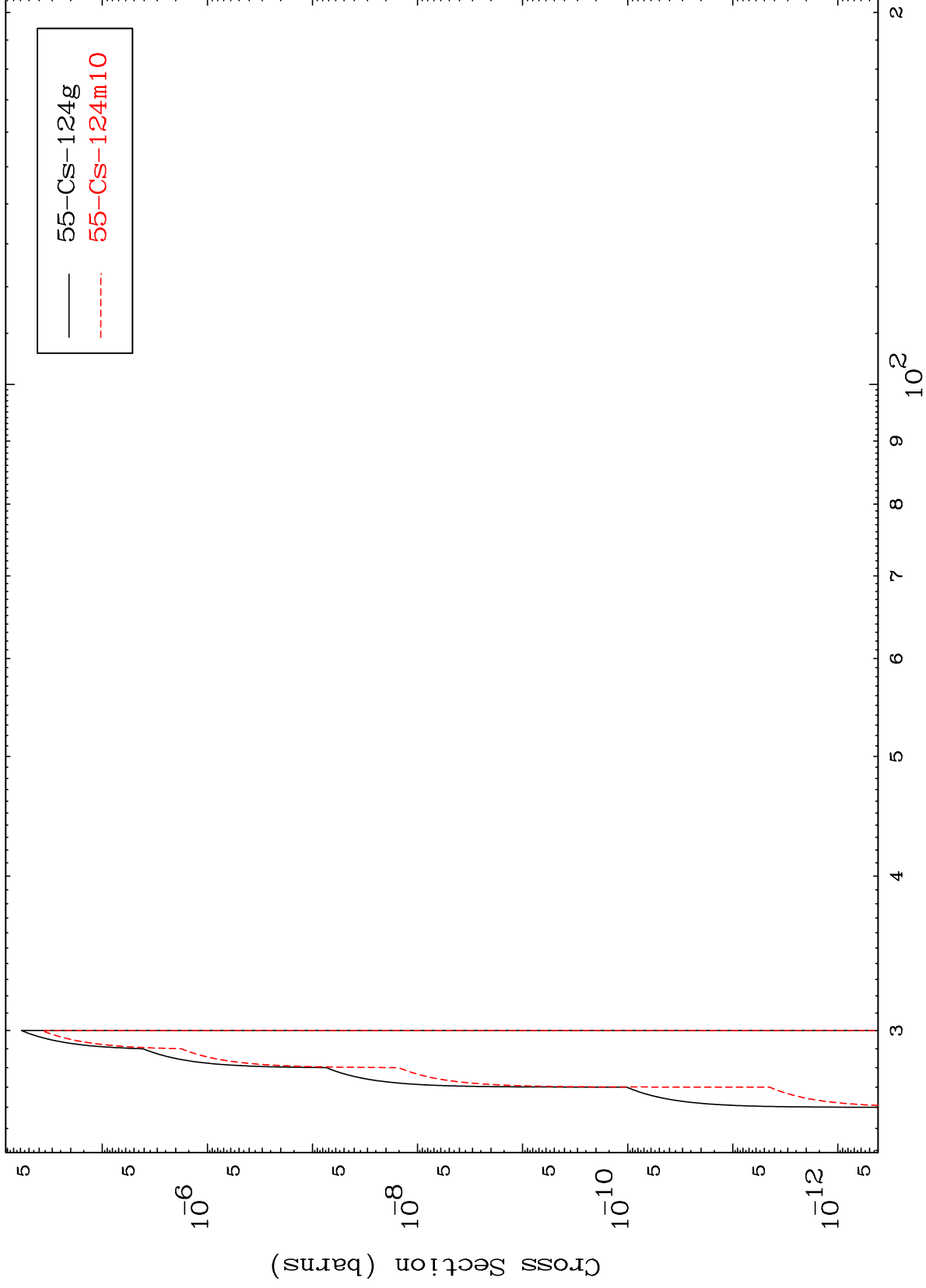


22

Incident Energy (MeV)

56-Ba-127

Radionuclide Production Cross Section

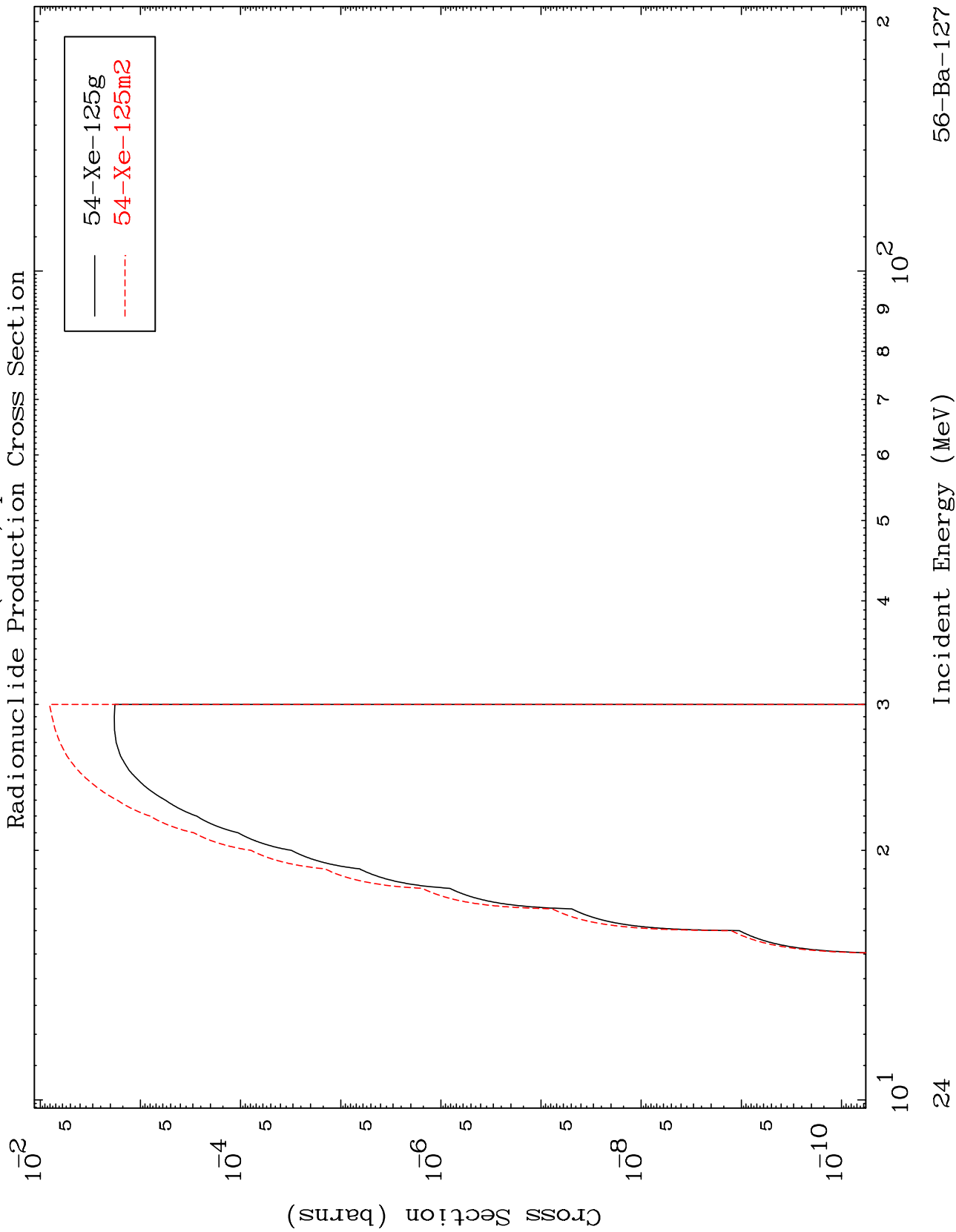




MAT 5617

(n,2n) p

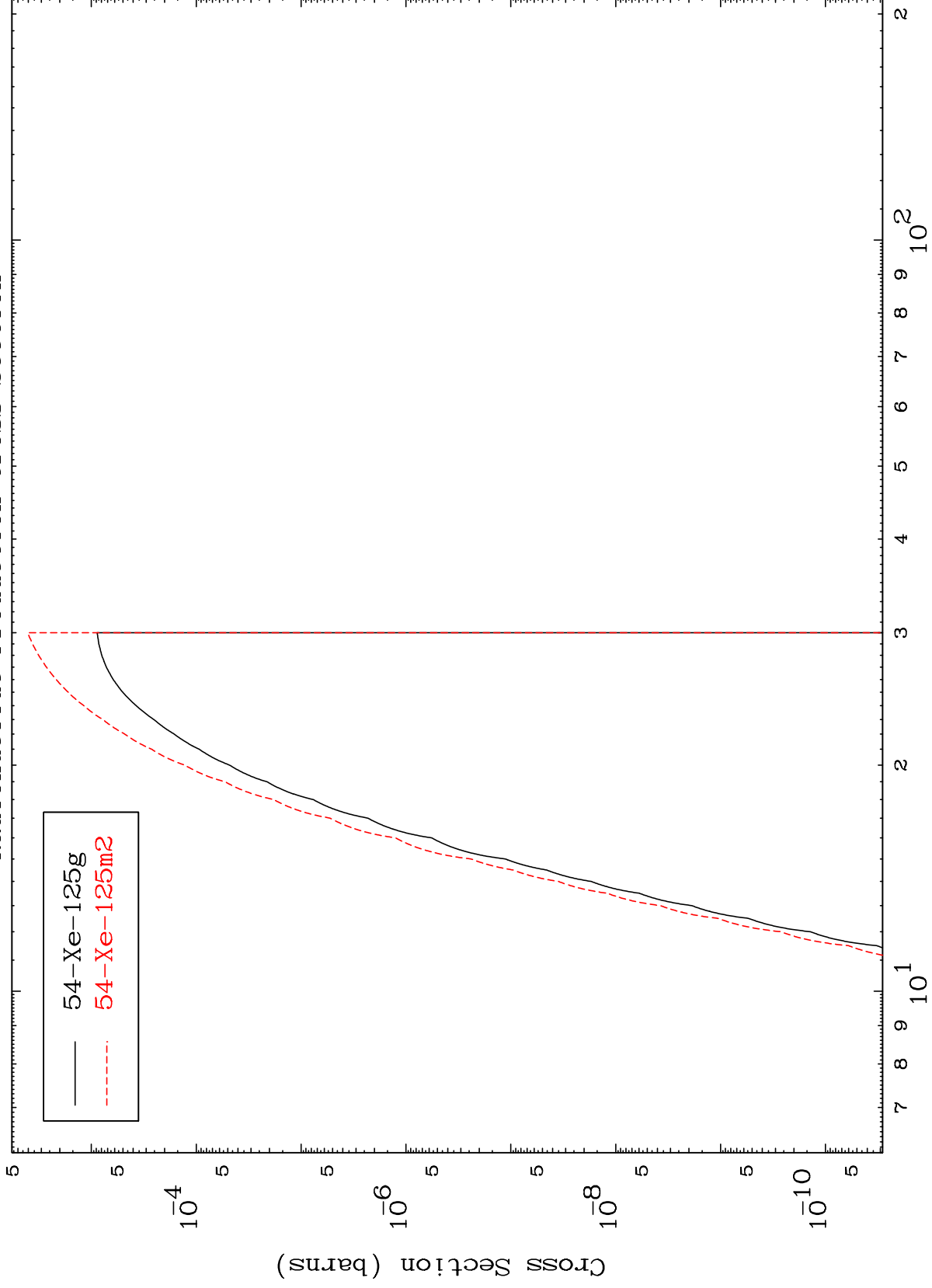
56-Ba-127



MAT 5617

56-Ba-127

Radionuclide Production Cross Section  
(n,He-3)



25

Incident Energy (MeV)

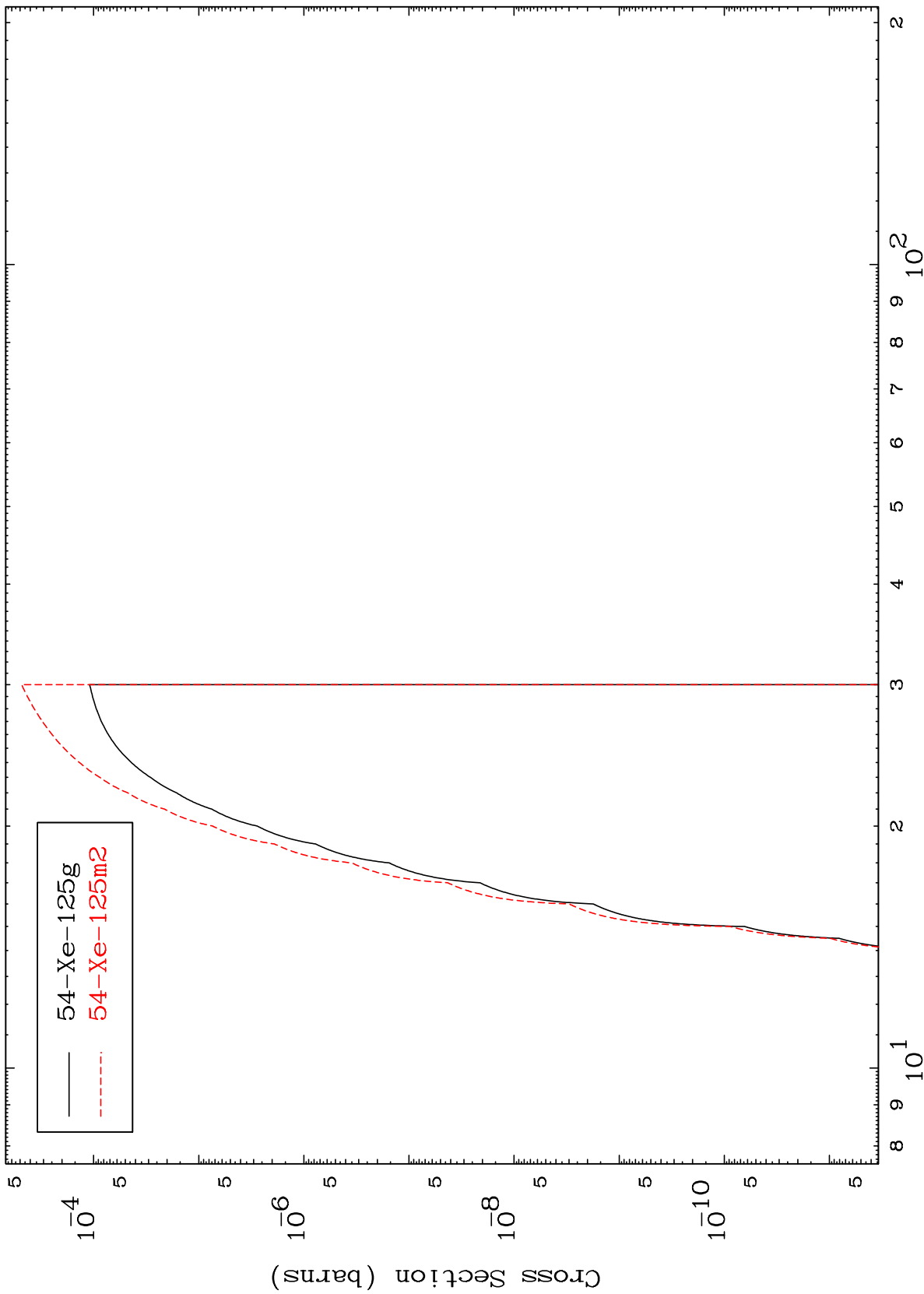
56-Ba-127

MAT 5617

(n,p) d

56-Ba-127

Radionuclide Production Cross Section



26

Incident Energy (MeV)

56-Ba-127