

Program EVALPLOT
(Version 2015-2)

by

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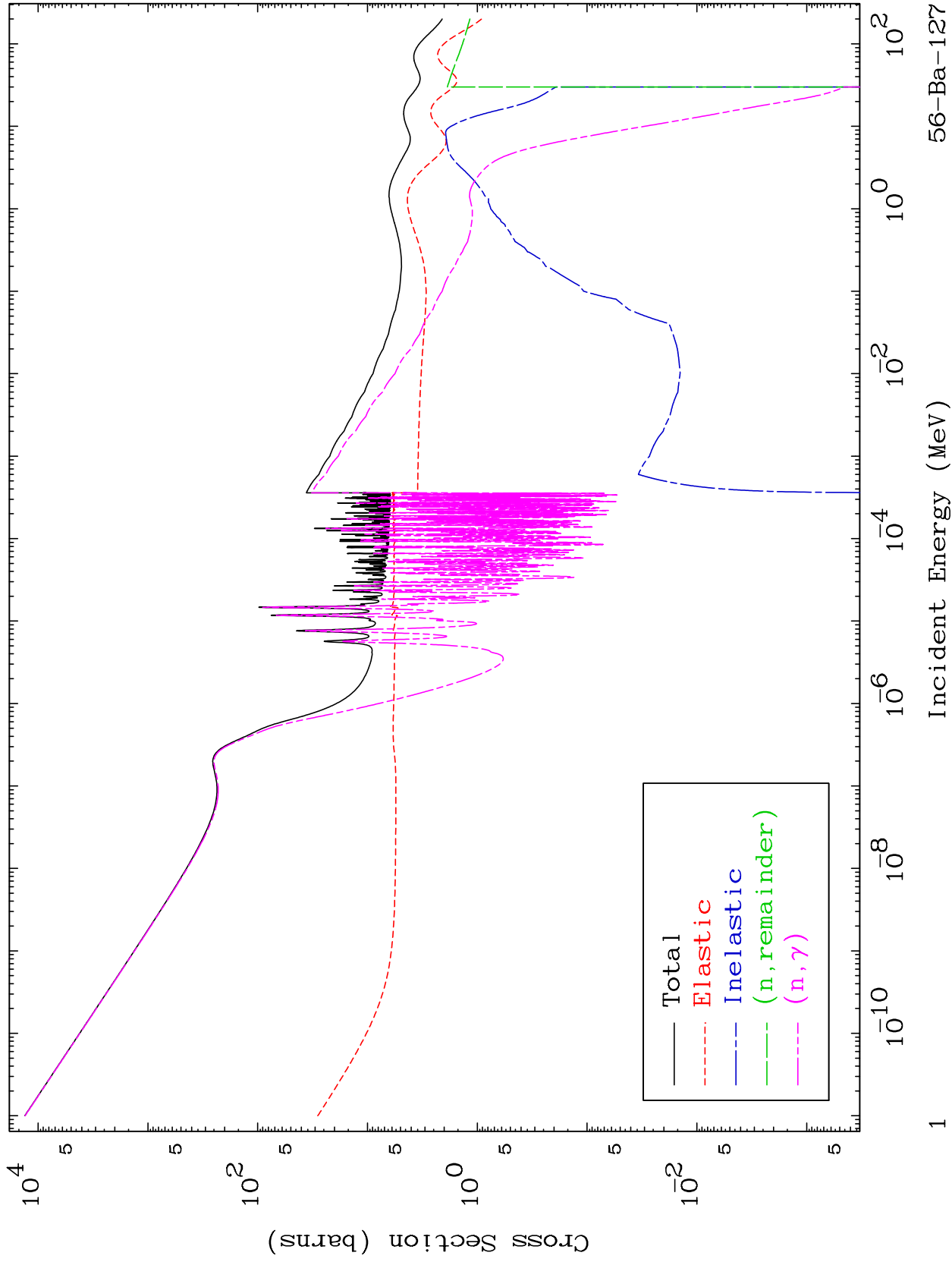
Press Mouse Button to Start

MAT 5617

Major

293 Kelvin Cross Sections

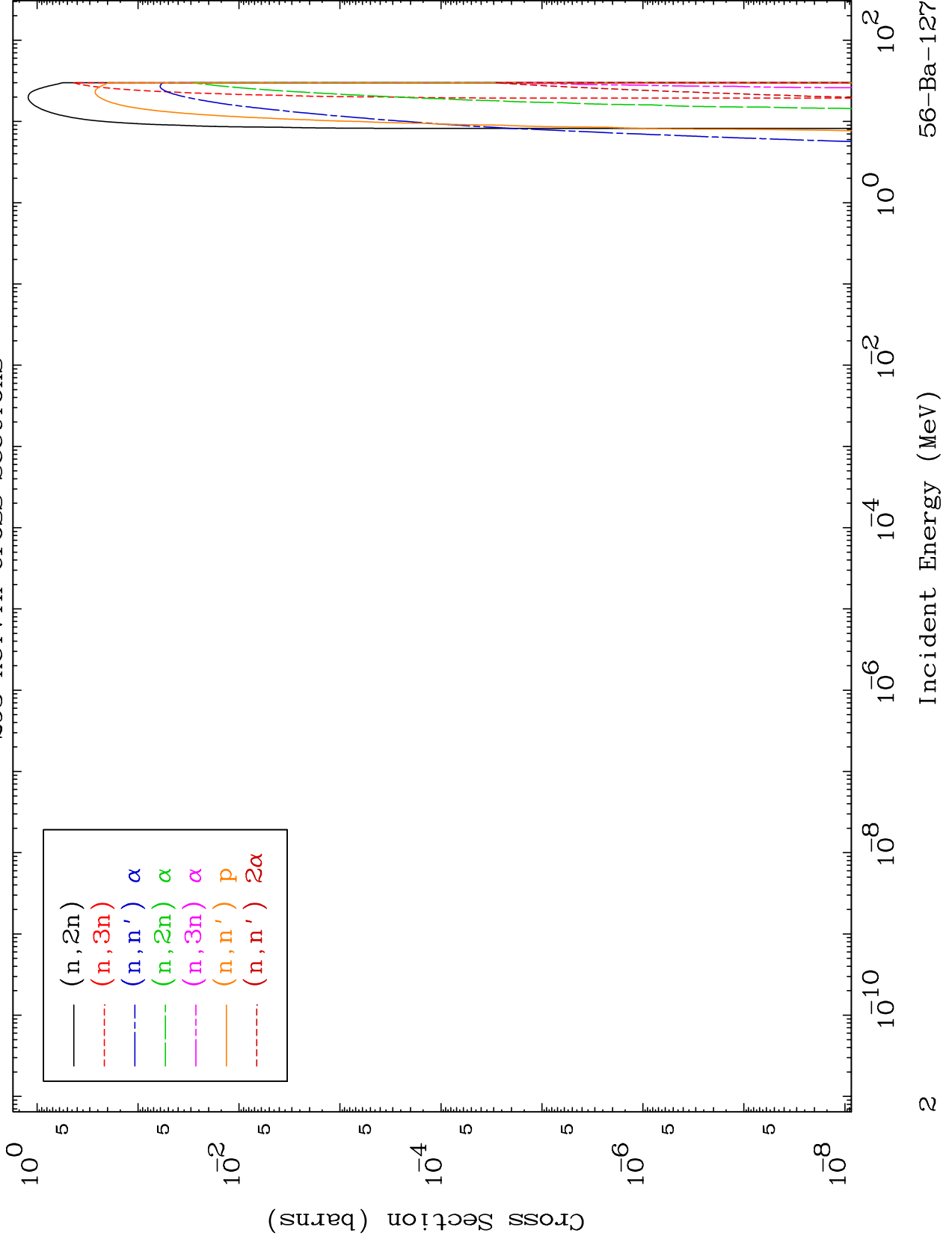
56-Ba-127

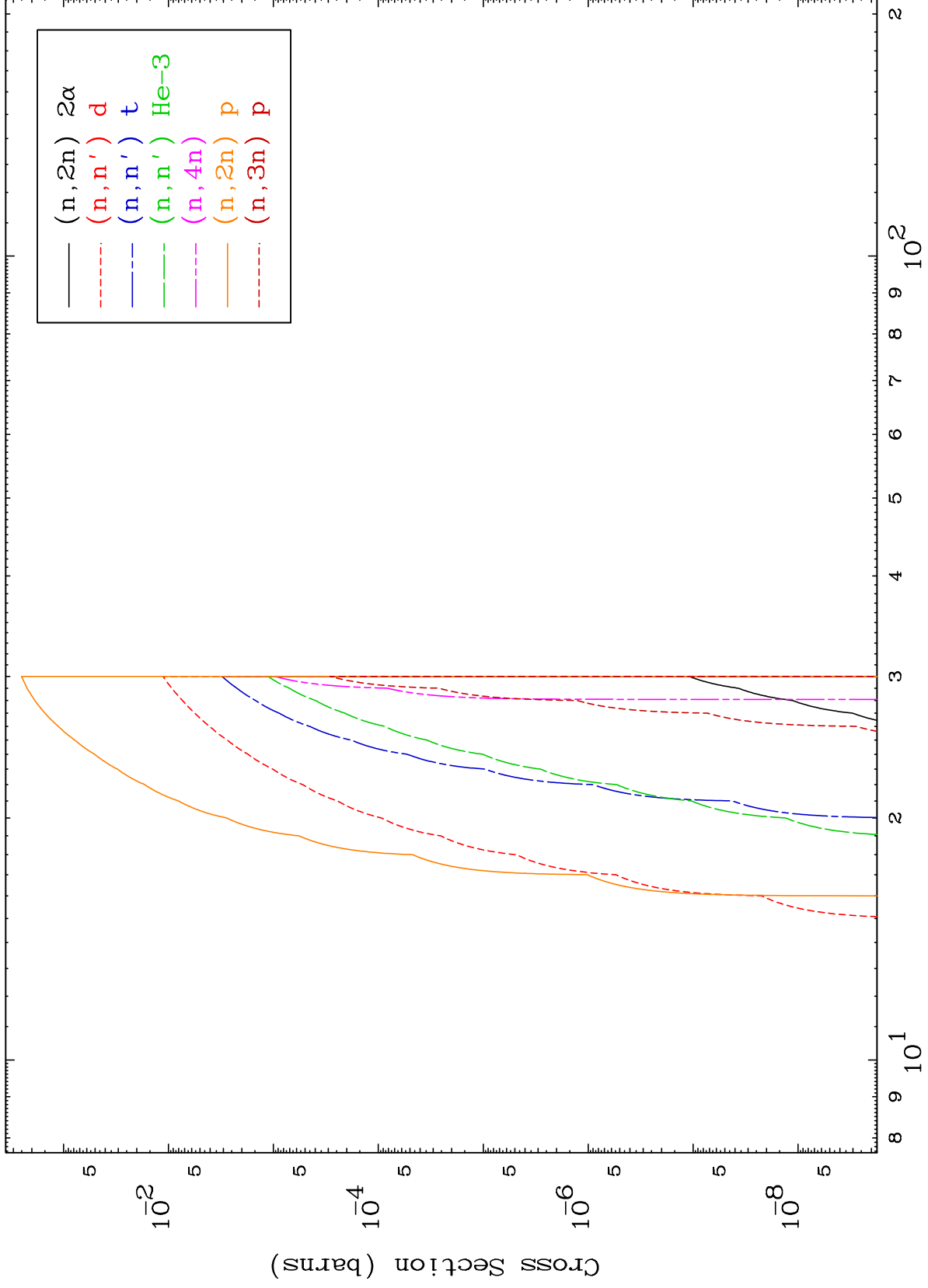


MAT 5617

Neutron Production
293 Kelvin Cross Sections

56-Ba-127

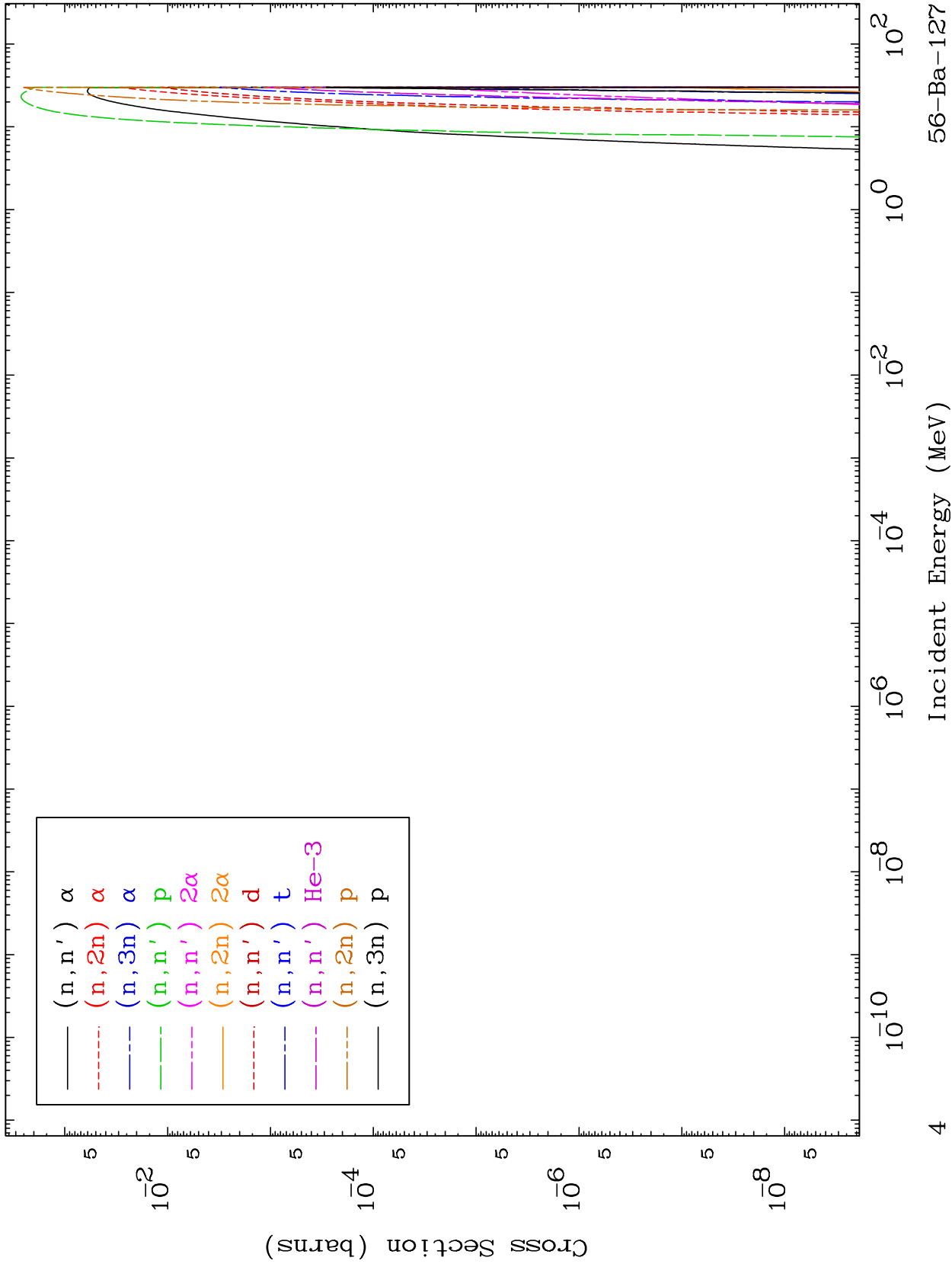




MAT 5617

Charged Particle
293 Kelvin Cross Sections

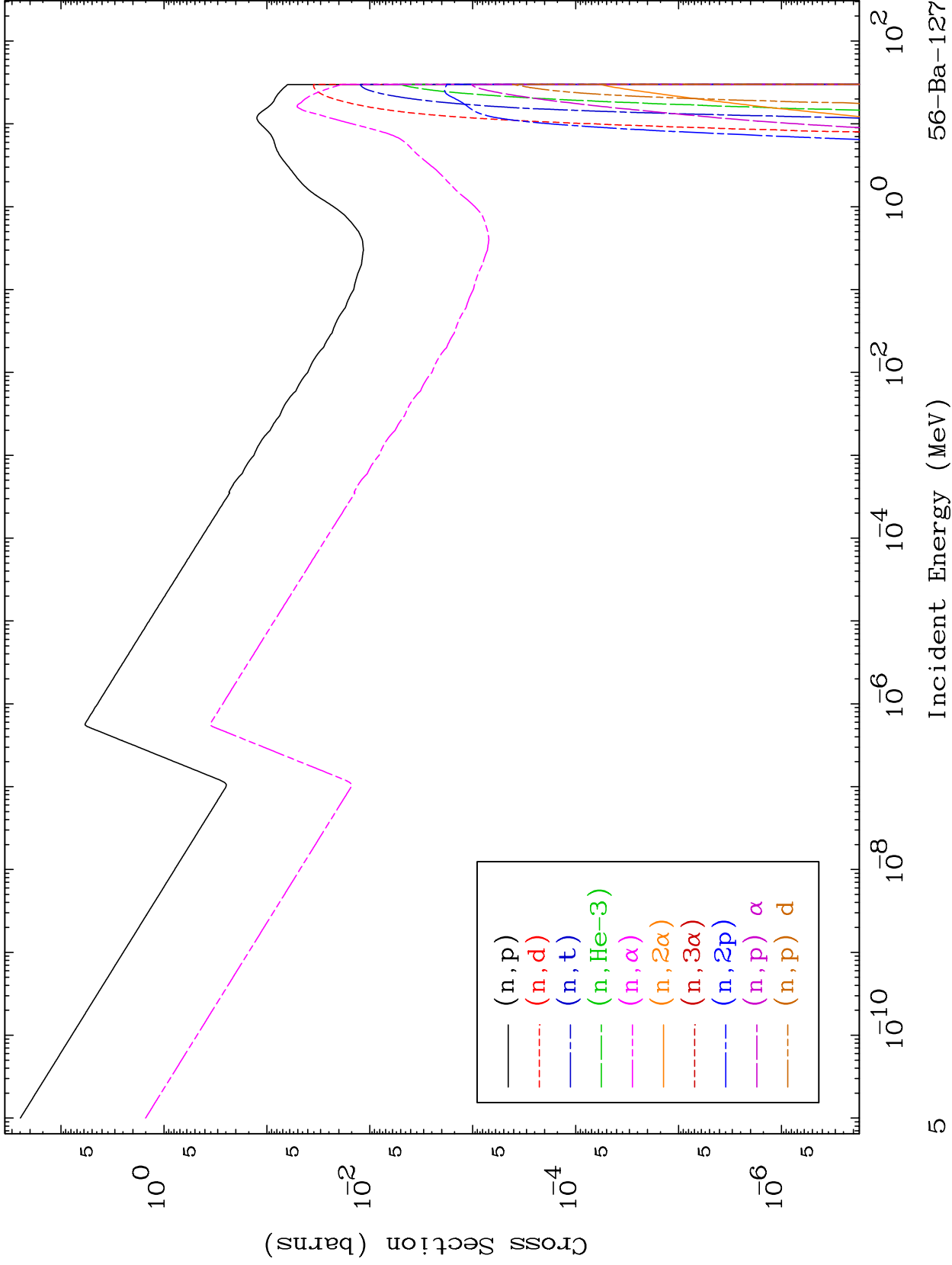
56-Ba-127



MAT 5617

Charged Particle
293 Kelvin Cross Sections

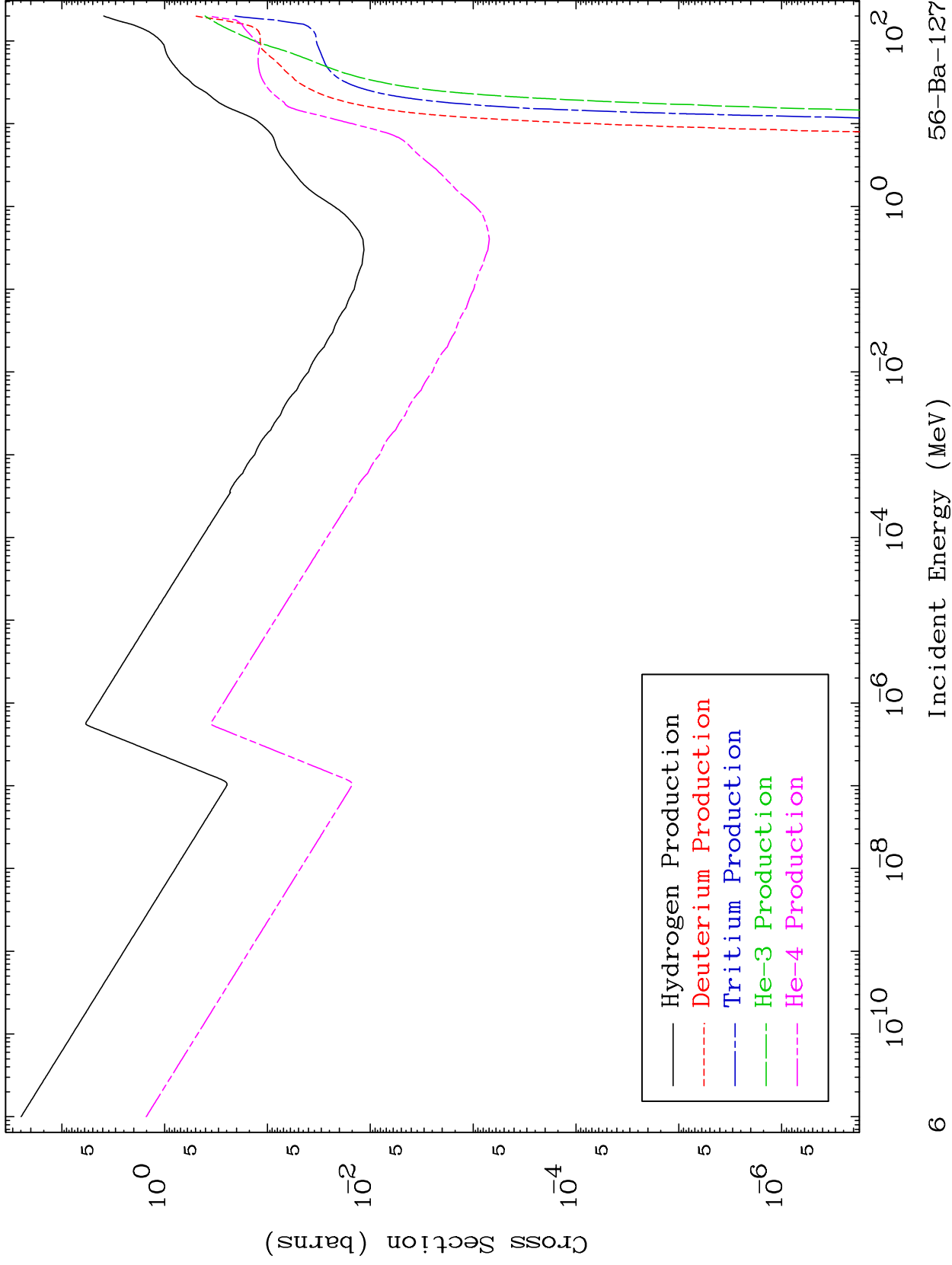
56-Ba-127



MAT 5617

Particle Production
293 Kelvin Cross Sections

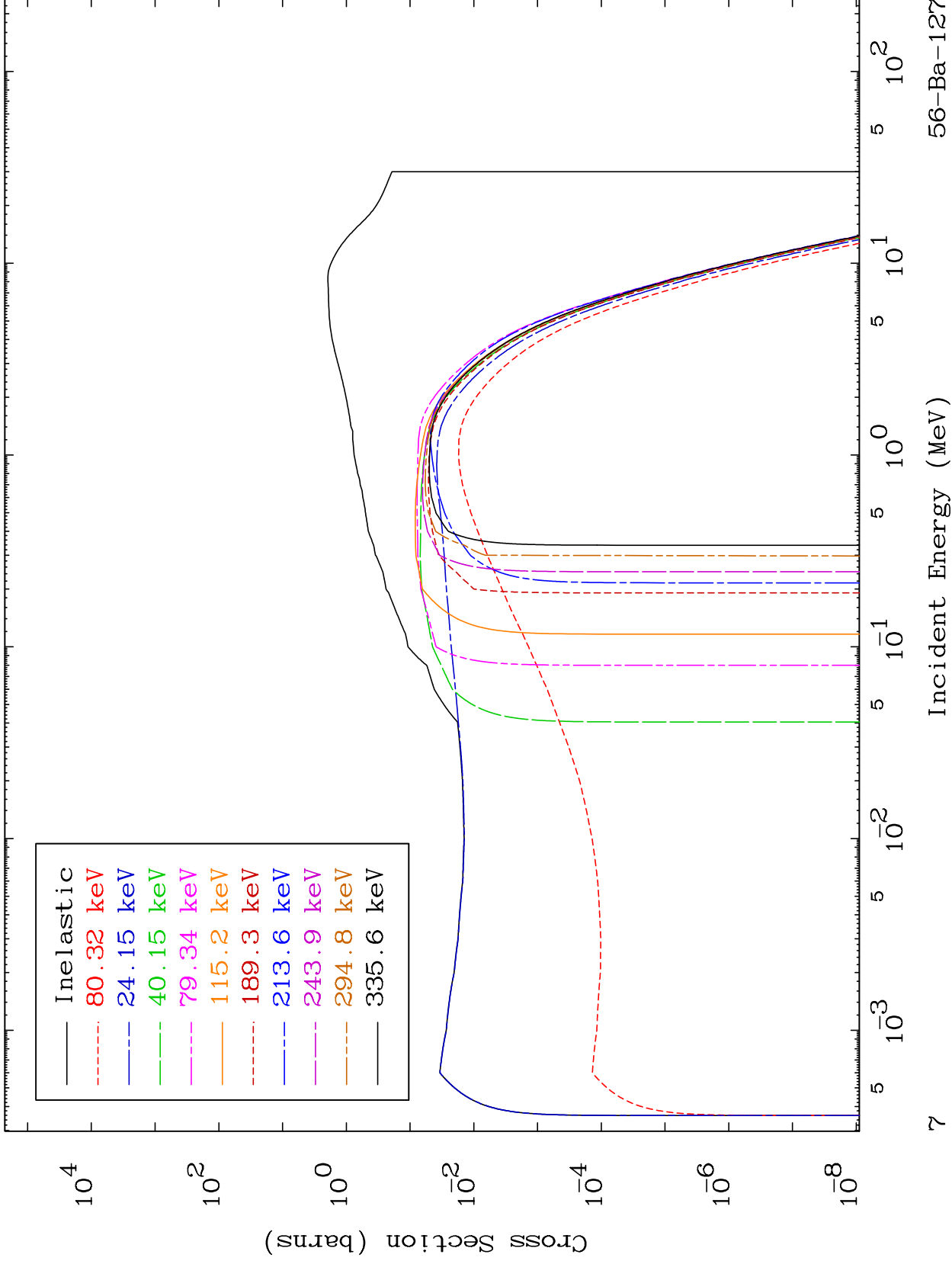
56-Ba-127



MAT 5617

(n,n') Level
293 Kelvin Cross Sections

56-Ba-127

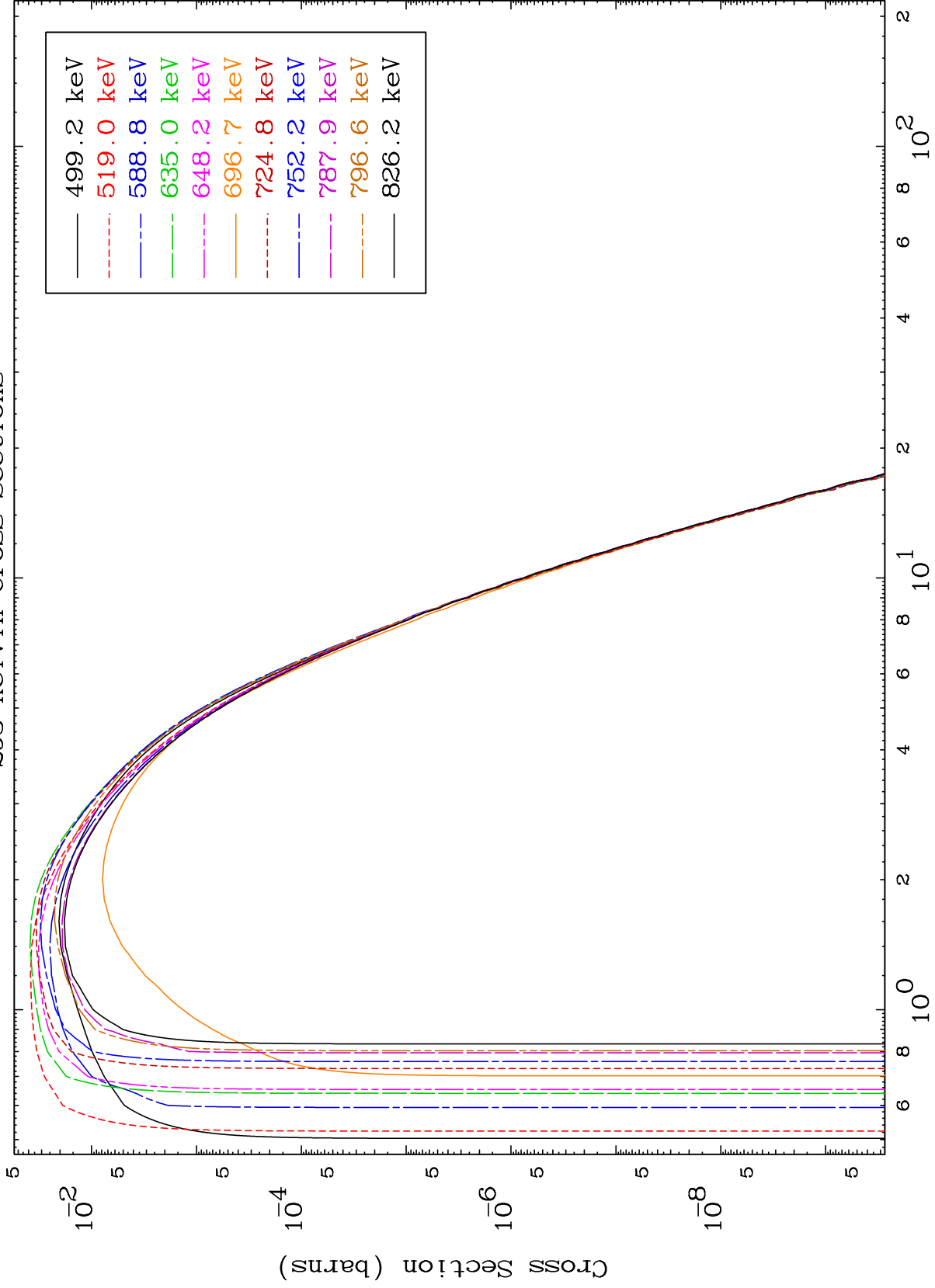


MAT 5617

(n,n') Level

56-Ba-127

293 Kelvin Cross Sections



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Incident Energy (MeV)

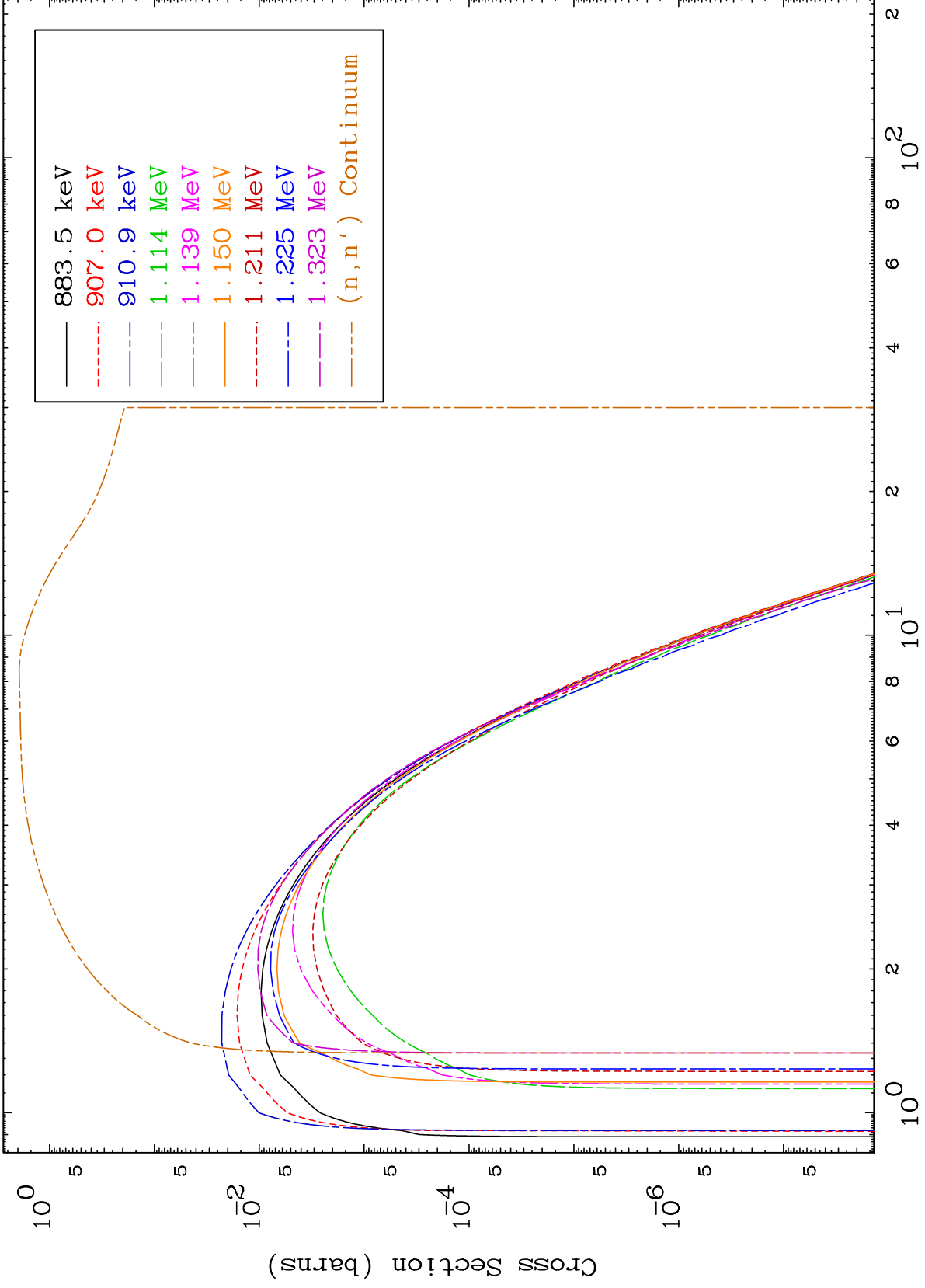
56-Ba-127

MAT 5617

(n,n') Level

56-Ba-127

293 Kelvin Cross Sections



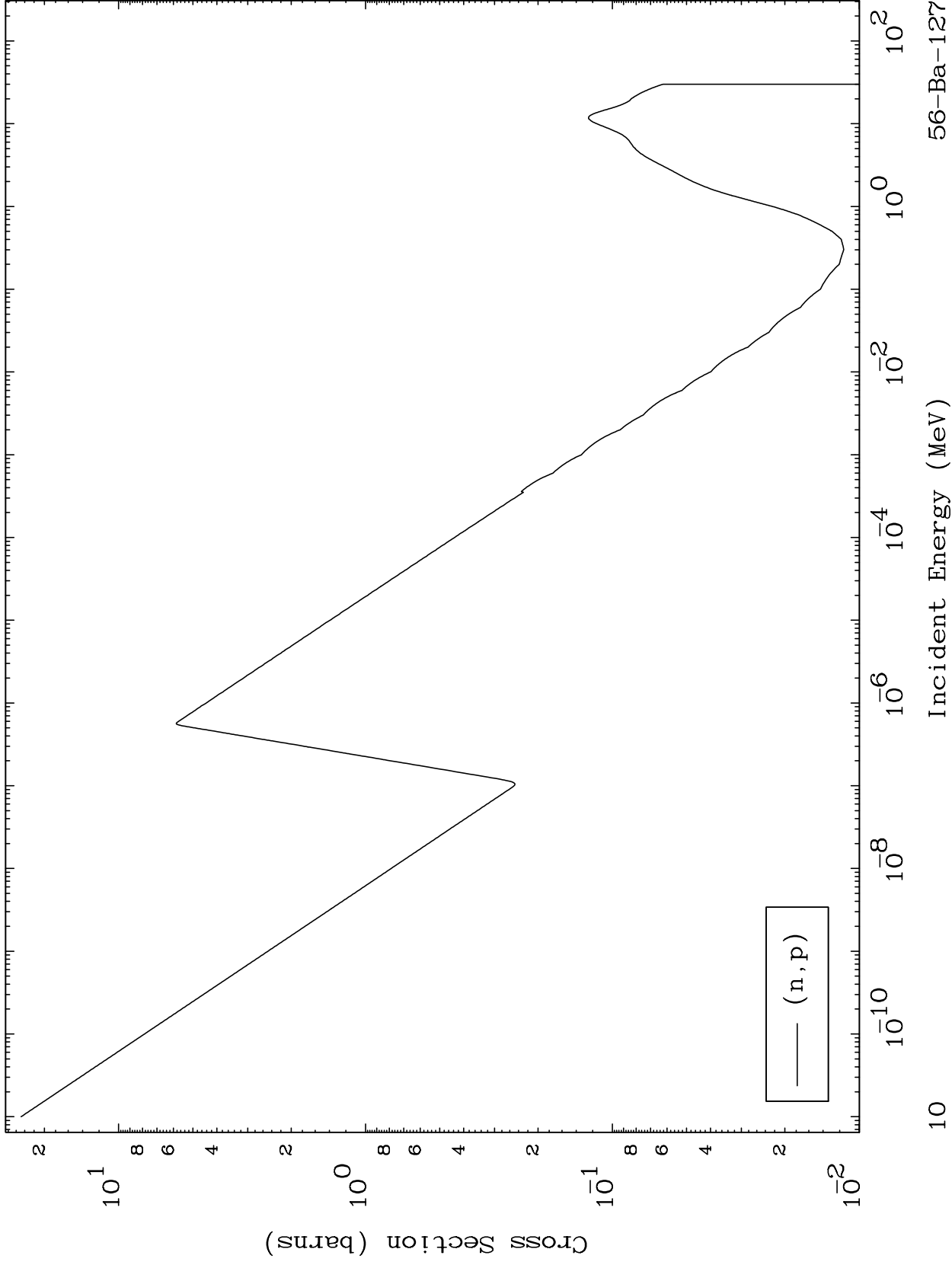
Incident Energy (MeV)

56-Ba-127

MAT 5617

(n,p) Levels
293 Kelvin Cross Sections

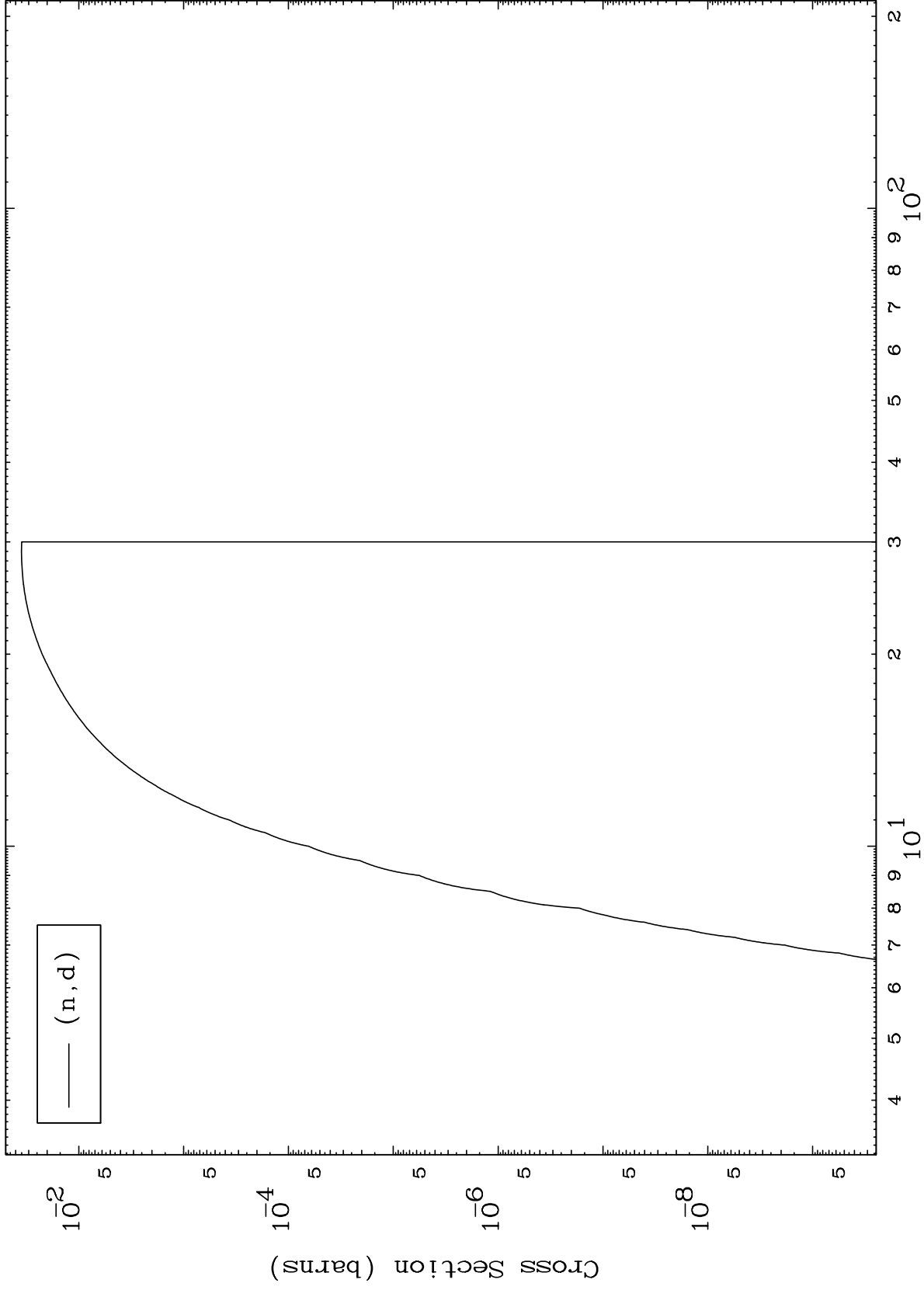
56-Ba-127



MAT 5617

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-127



11

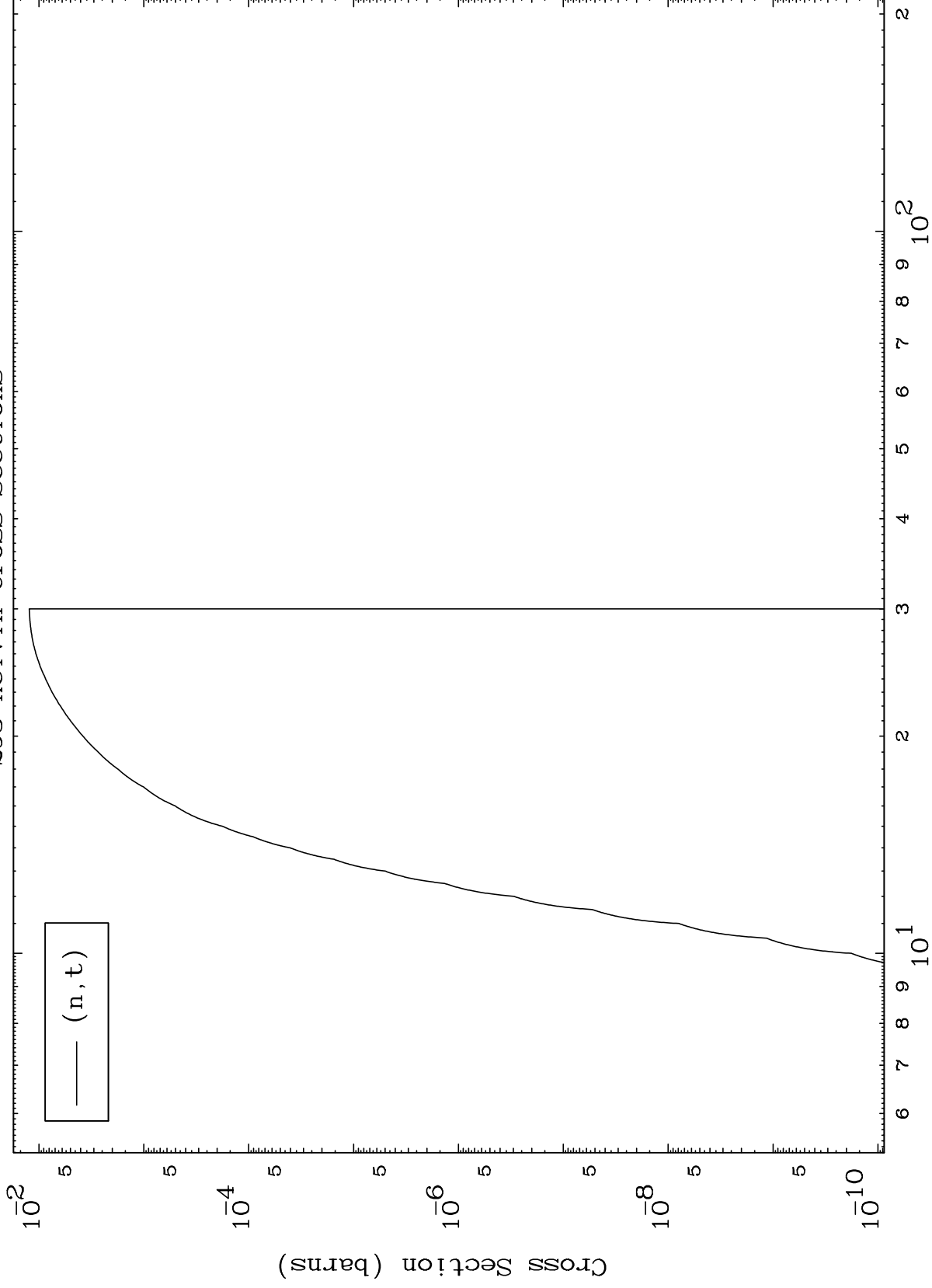
Incident Energy (MeV)

56-Ba-127

MAT 5617

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-127



12

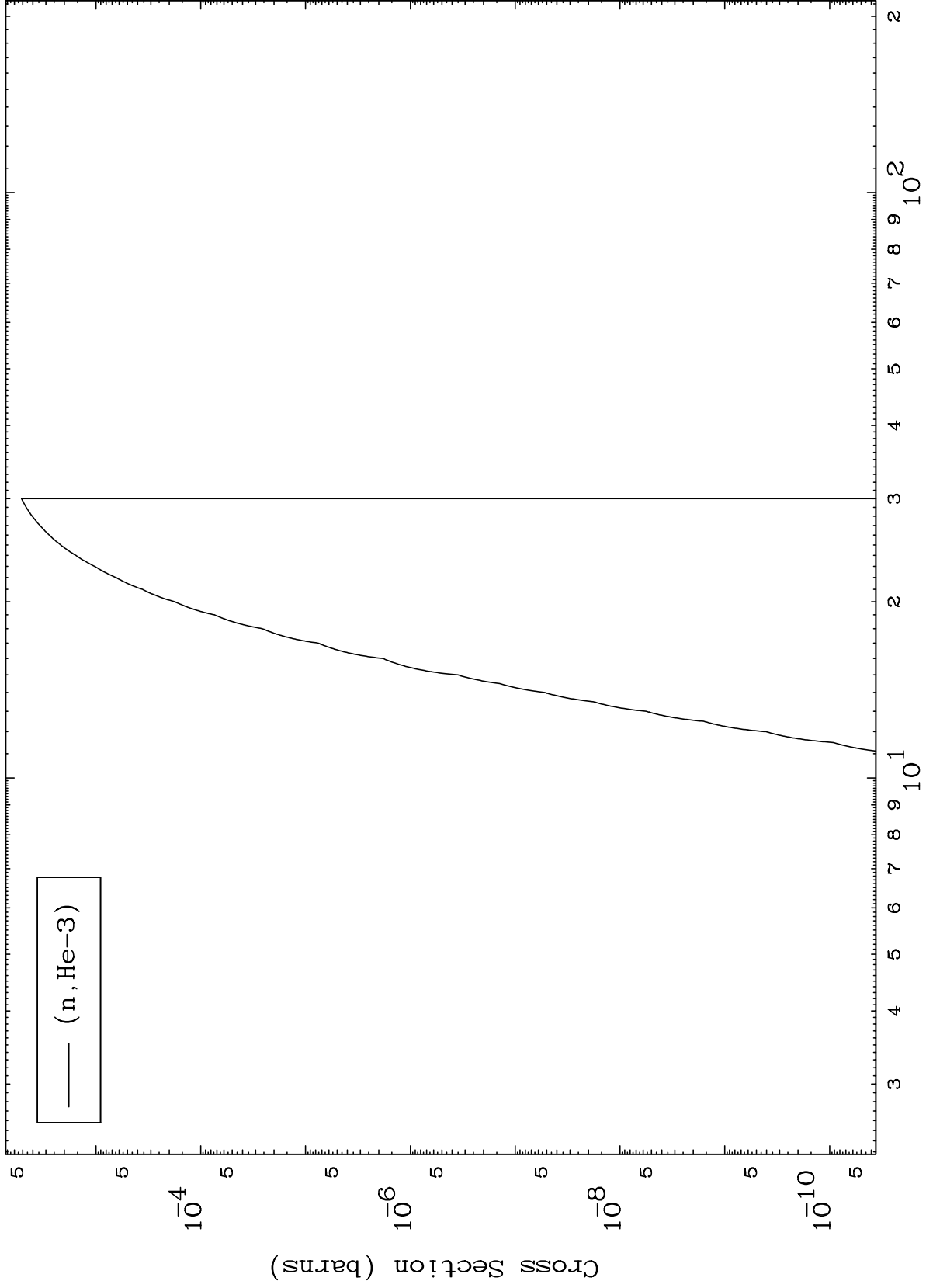
Incident Energy (MeV)

56-Ba-127

MAT 5617

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-127



13

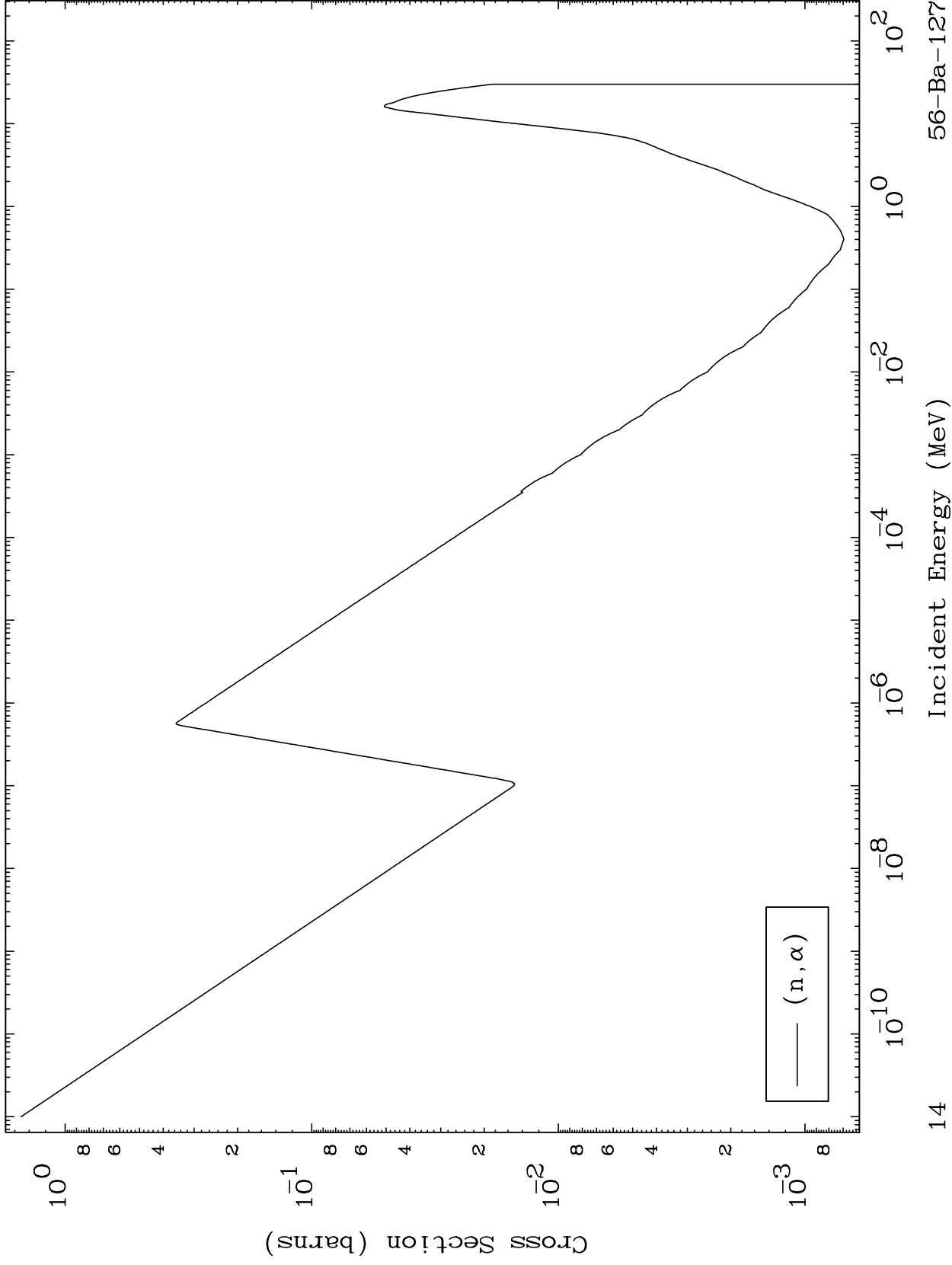
Incident Energy (MeV)

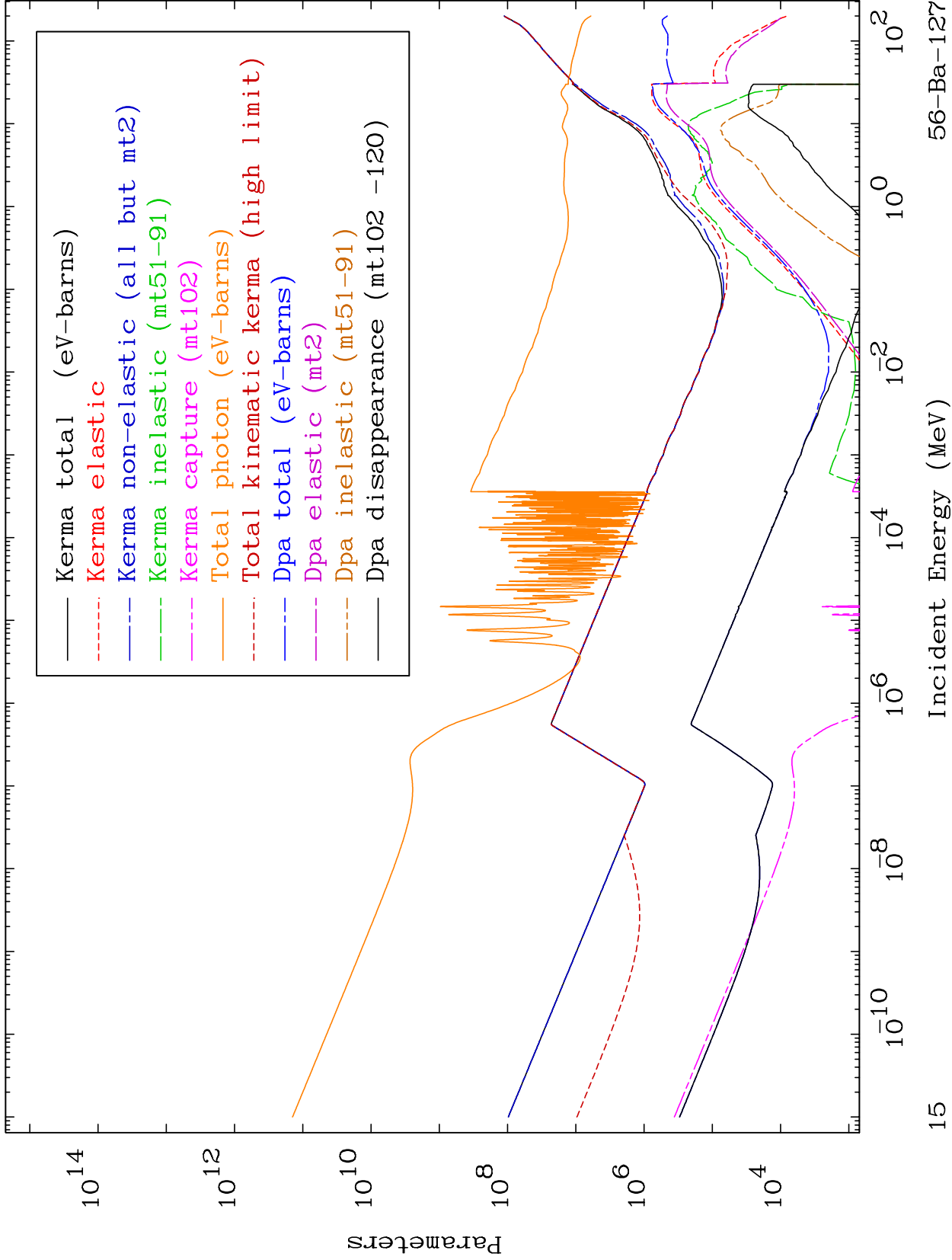
56-Ba-127

MAT 5617

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-127

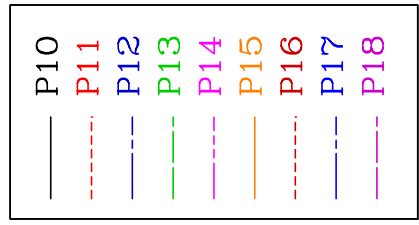




MAT 5617

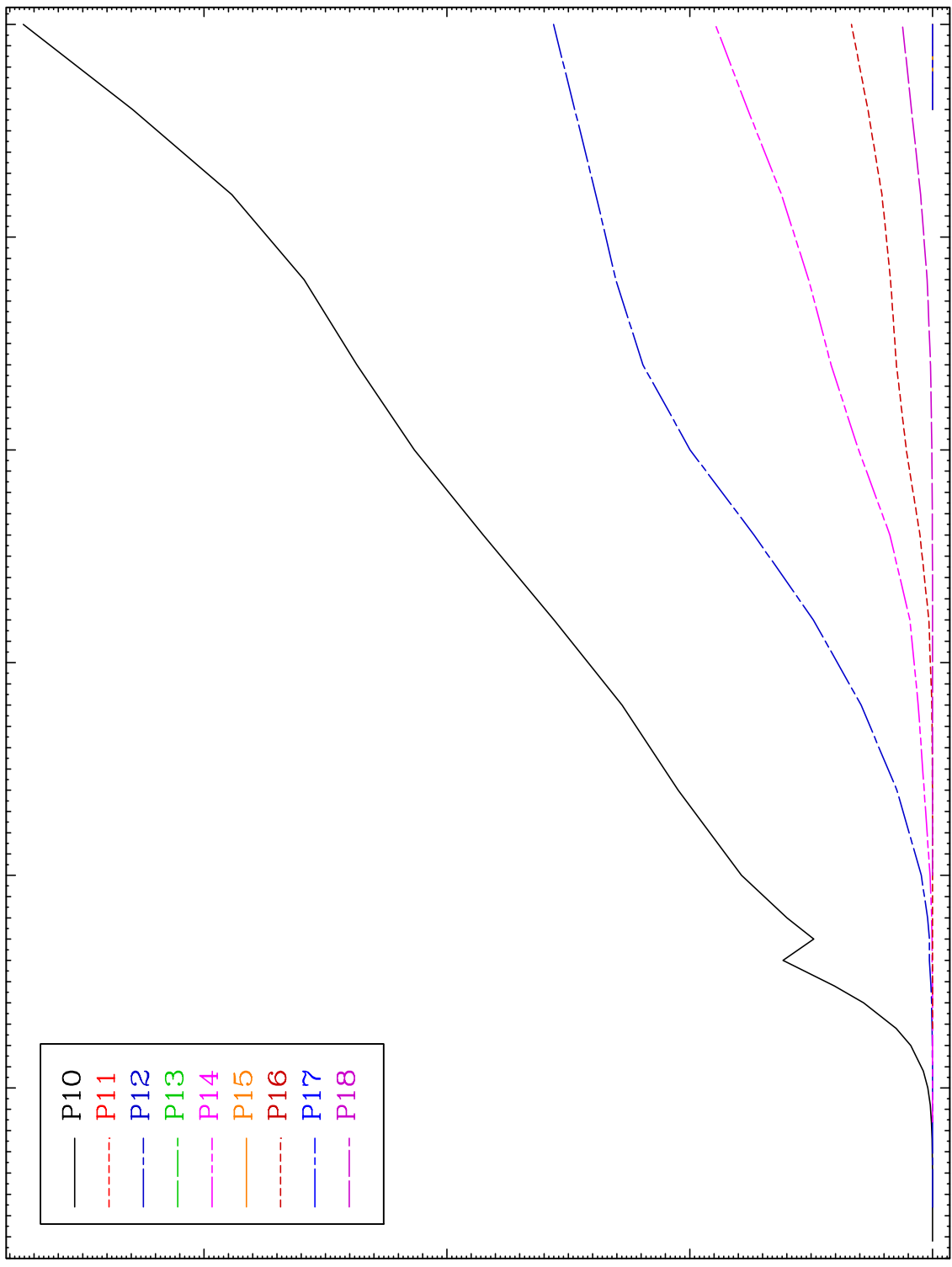
Elastic Legendre Coefficients

56-Ba-127



$\times 10^{-4}$

Legendre (CM)



17

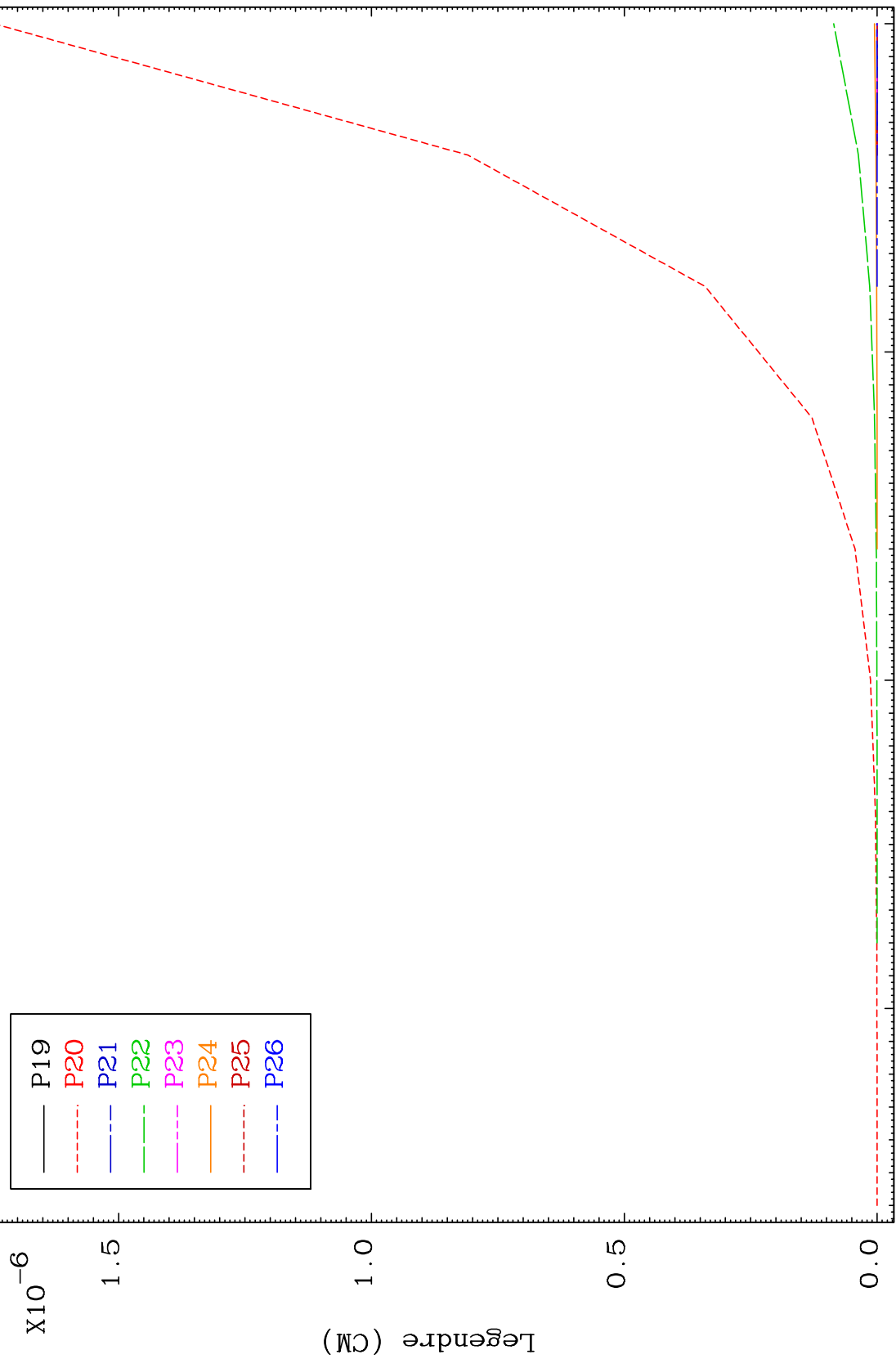
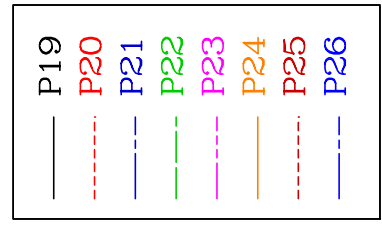
Incident Energy (MeV)

56-Ba-127

MAT 5617

Elastic
Legendre Coefficients

56-Ba-127



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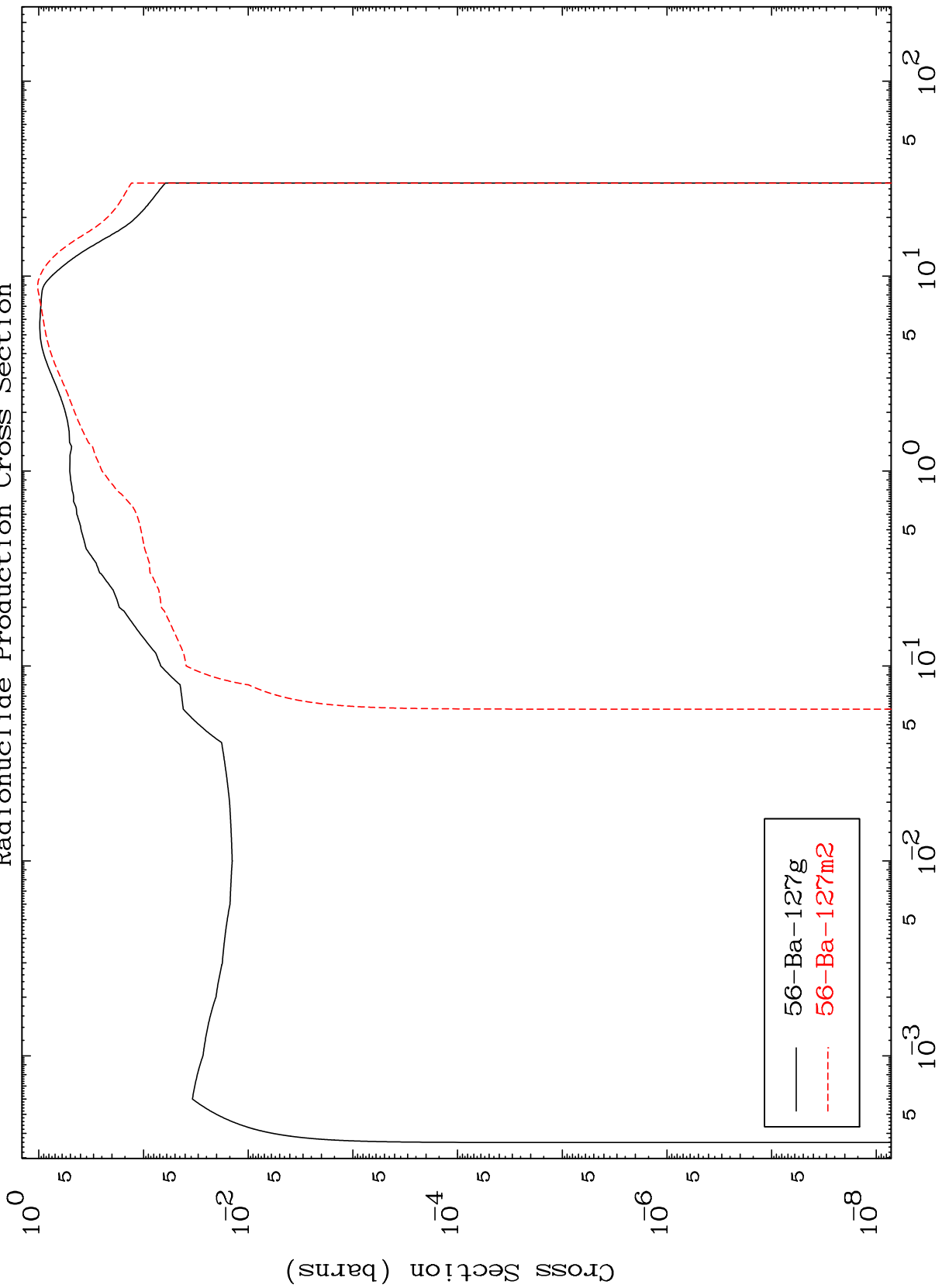
Incident Energy (MeV)

56-Ba-127

MAT 5617

56-Ba-127

Inelastic
Radionuclide Production Cross Section



19

Incident Energy (MeV)

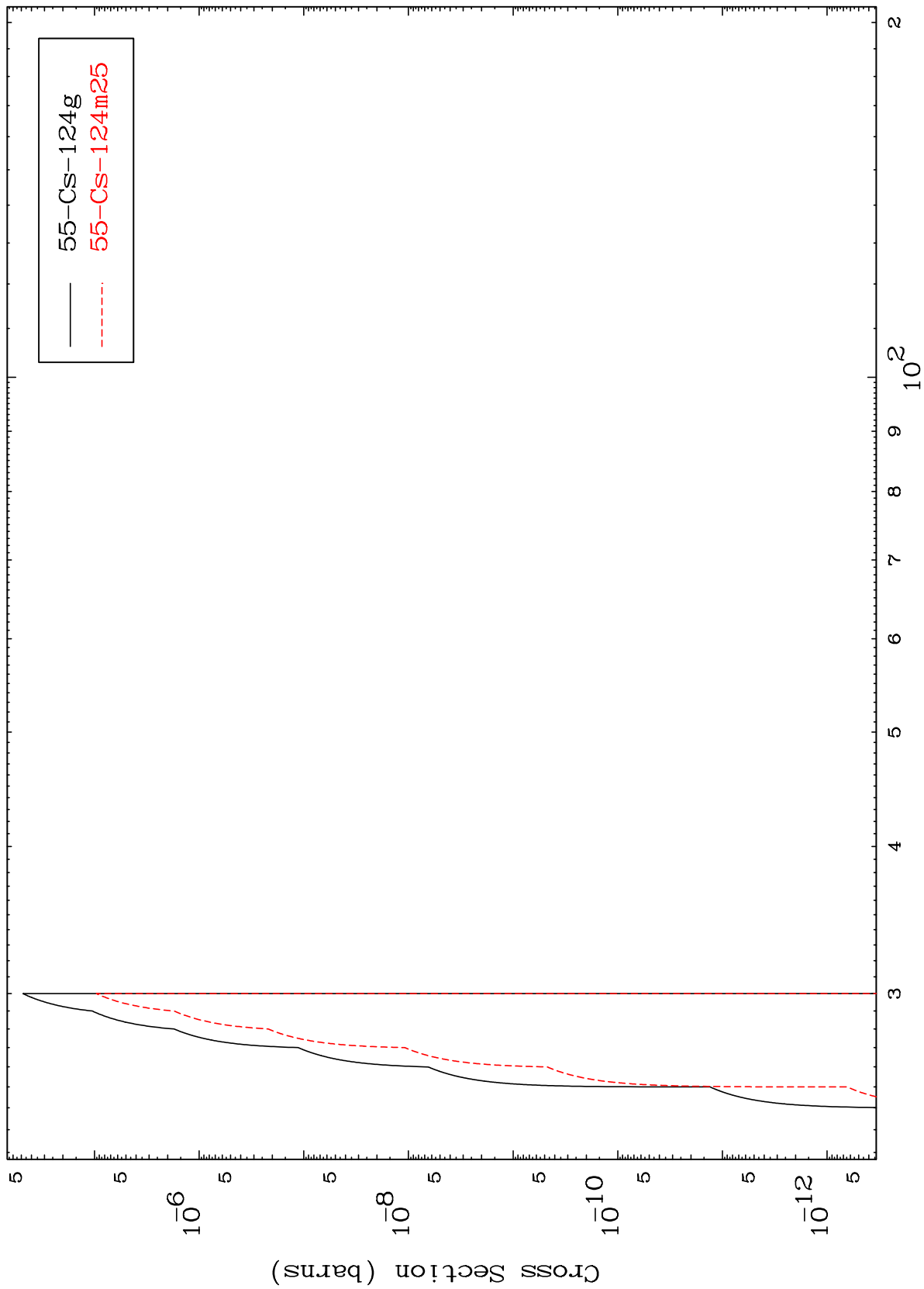
56-Ba-127

MAT 5617

(n,2n) d

56-Ba-127

Radionuclide Production Cross Section



20

Incident Energy (MeV)

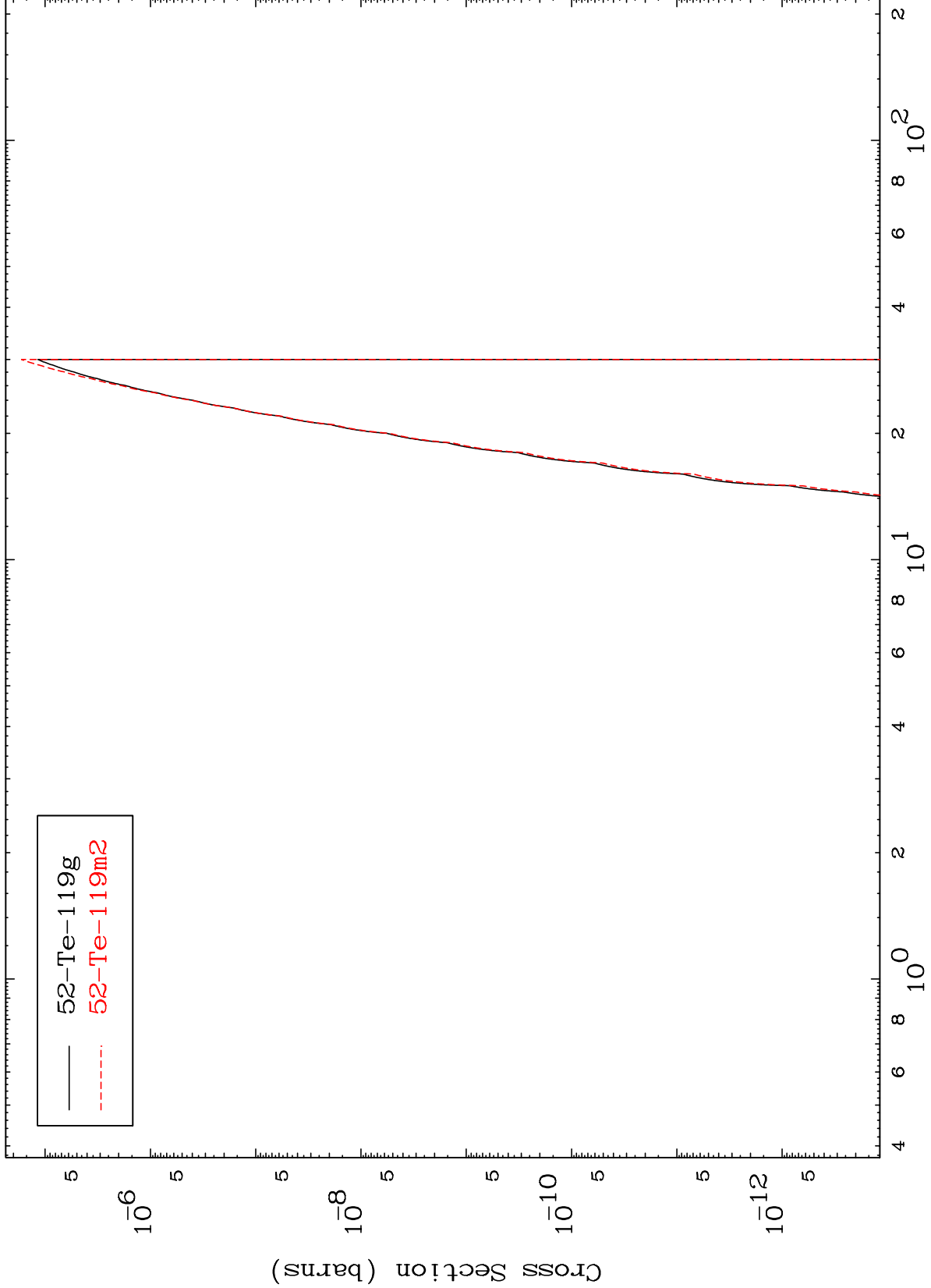
56-Ba-127

MAT 5617

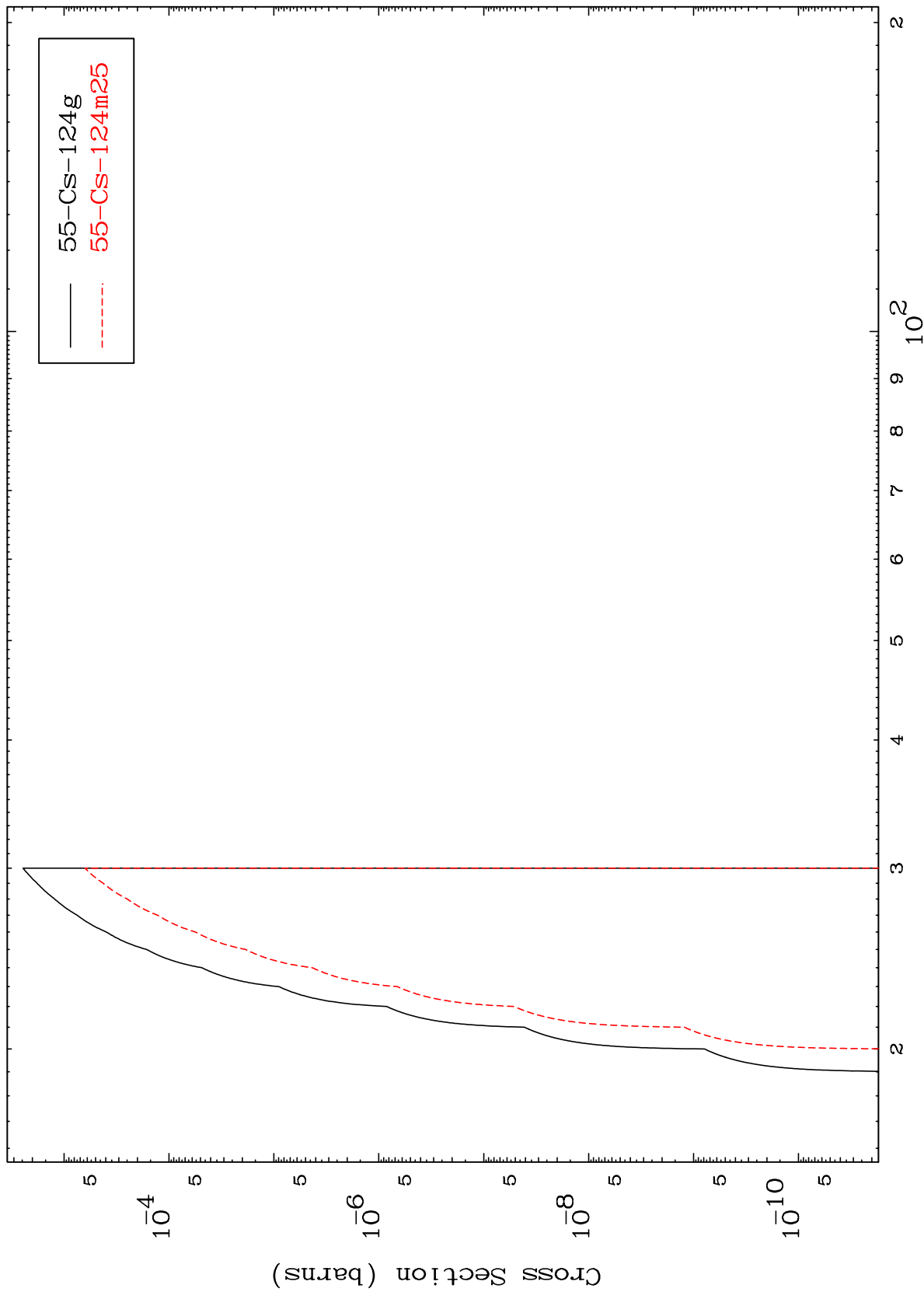
(n,n') 2α

56-Ba-127

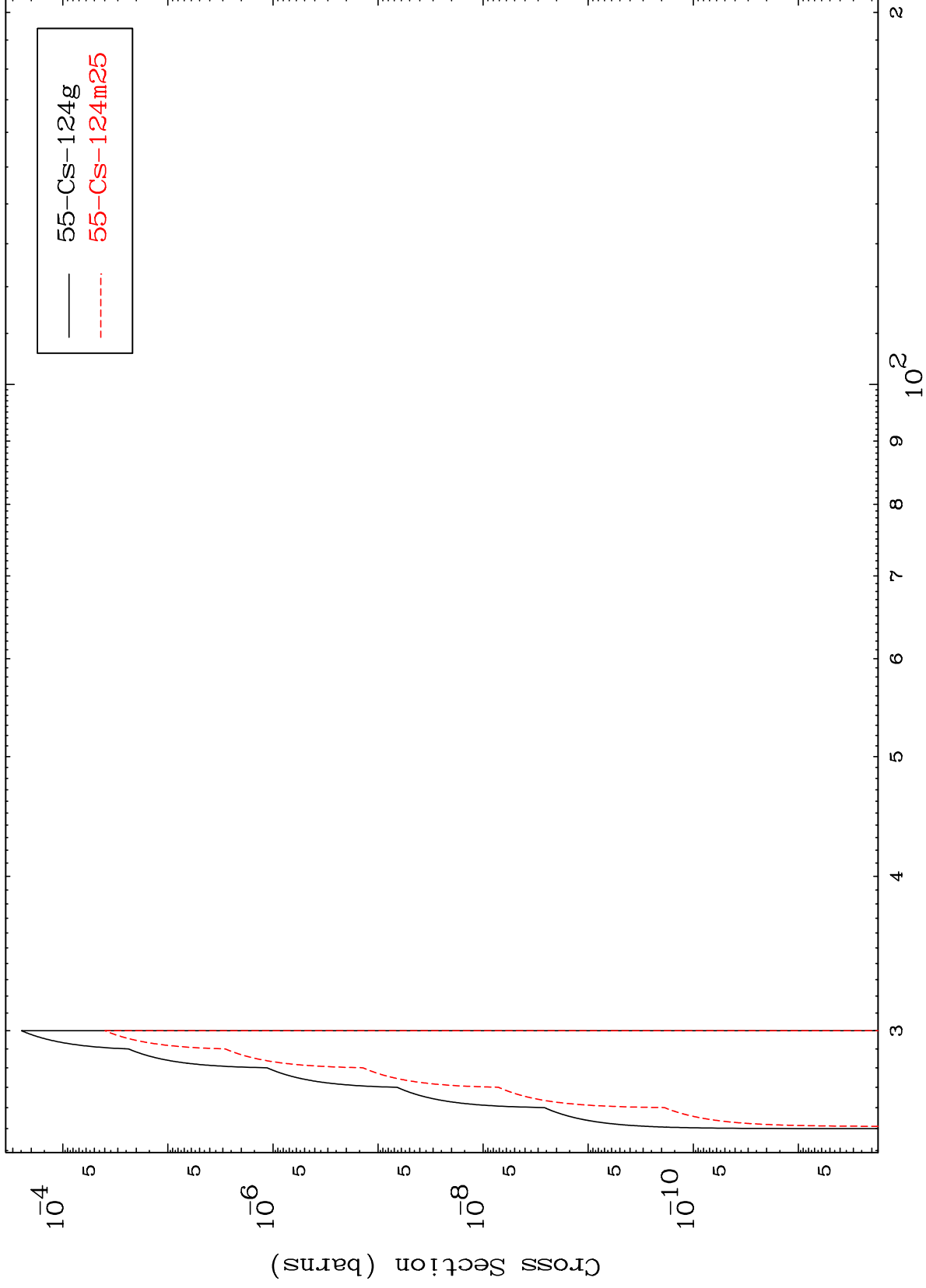
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

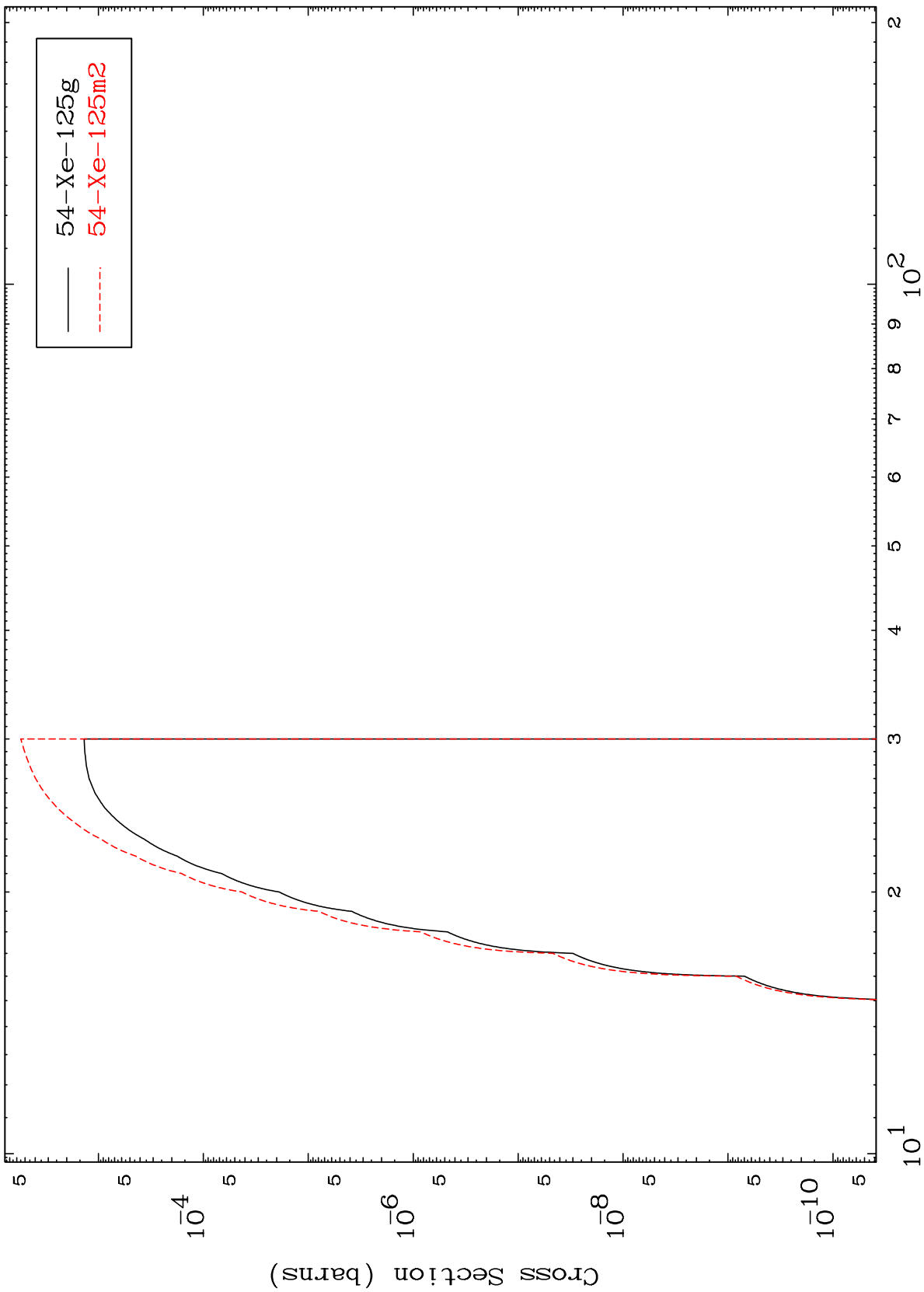


MAT 5617

(n,2n) p

56-Ba-127

Radionuclide Production Cross Section



Incident Energy (MeV)

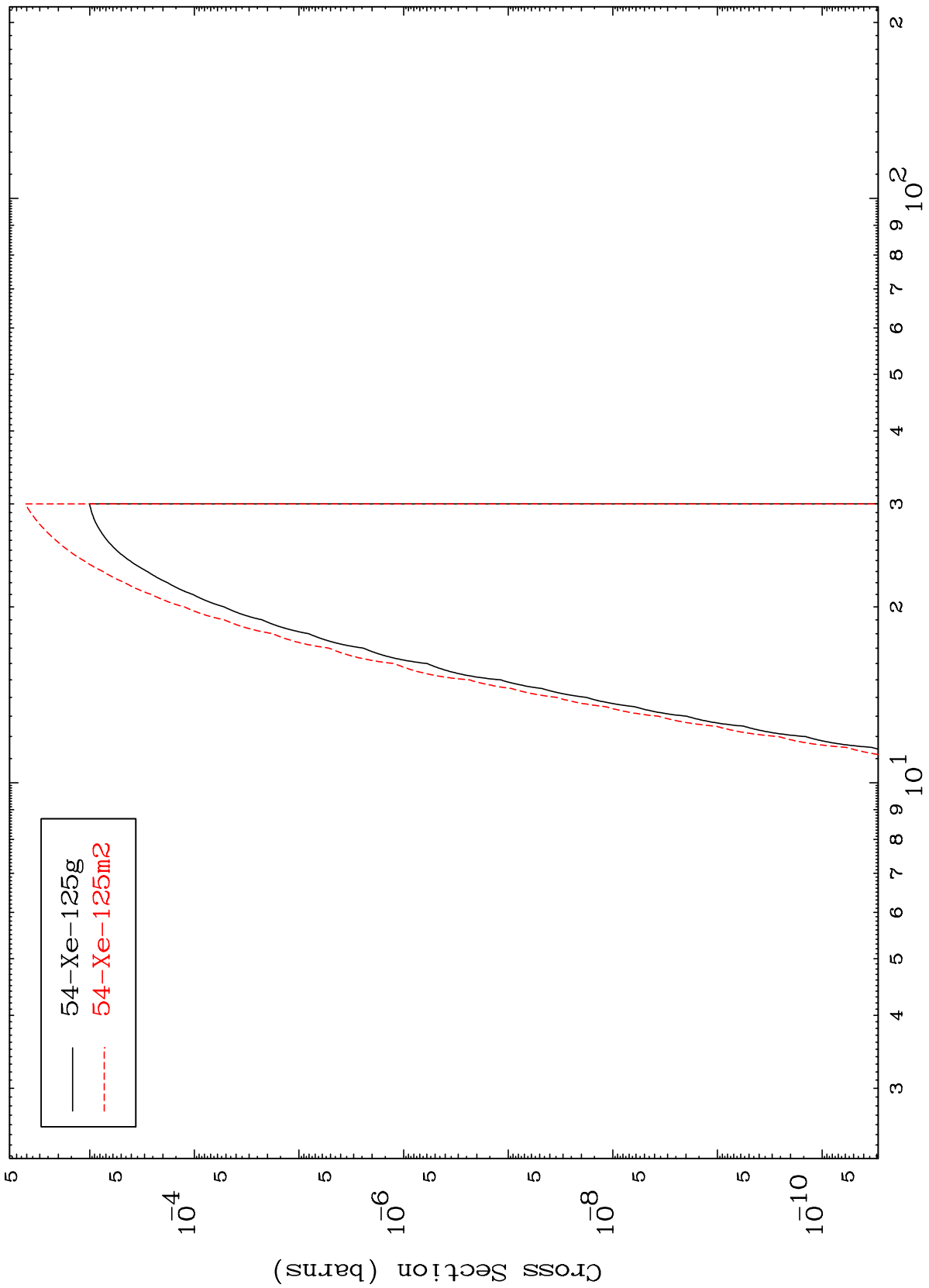
56-Ba-127

24

MAT 5617

56-Ba-127

(n,He-3)
Radionuclide Production Cross Section



— 54-Xe-125g
- - - 54-Xe-125m2

Incident Energy (MeV)

56-Ba-127

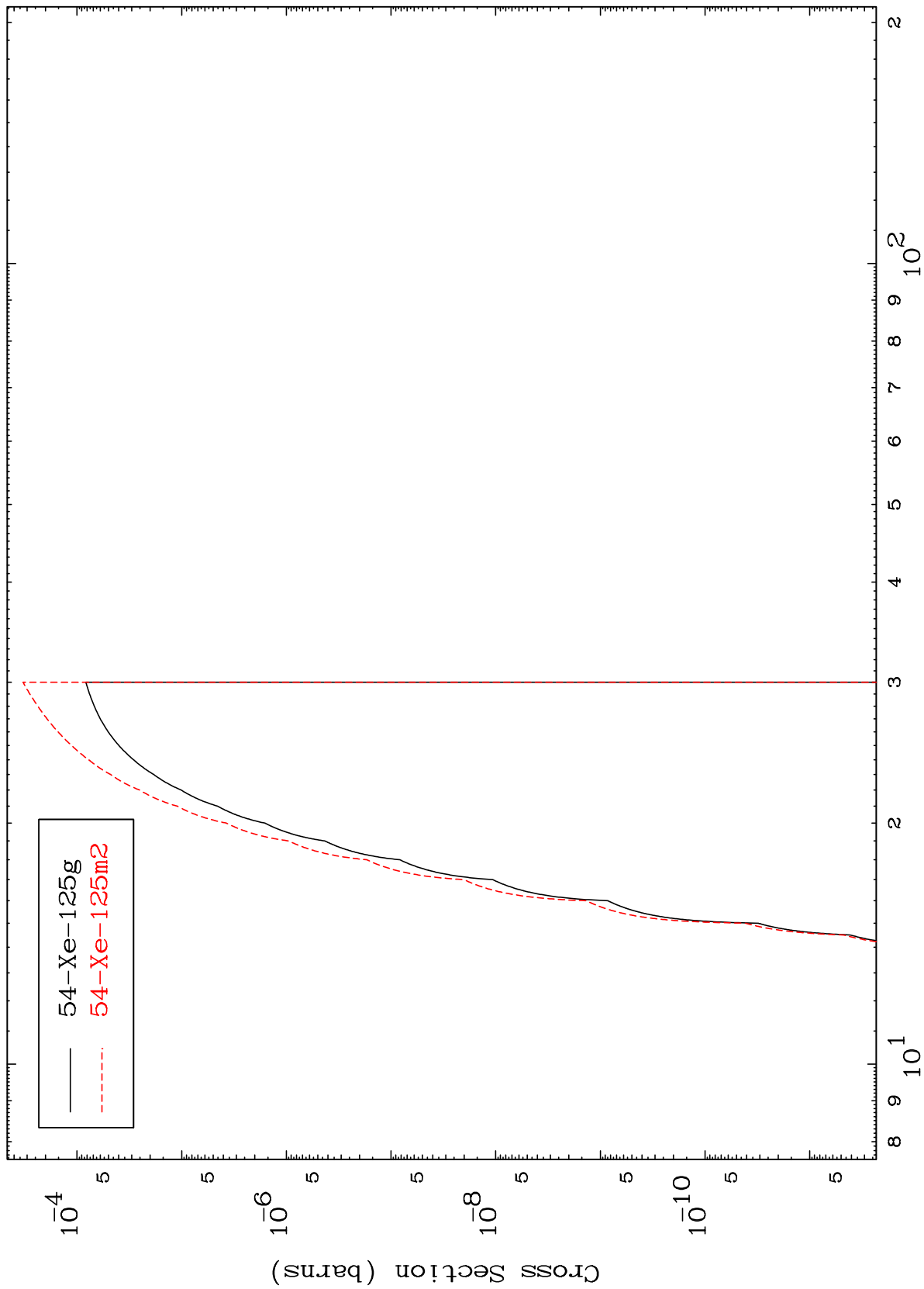
25

MAT 5617

(n,p) d

56-Ba-127

Radionuclide Production Cross Section



26

Incident Energy (MeV)

56-Ba-127