

Program EVALPLOT  
(Version 2021-1)

by

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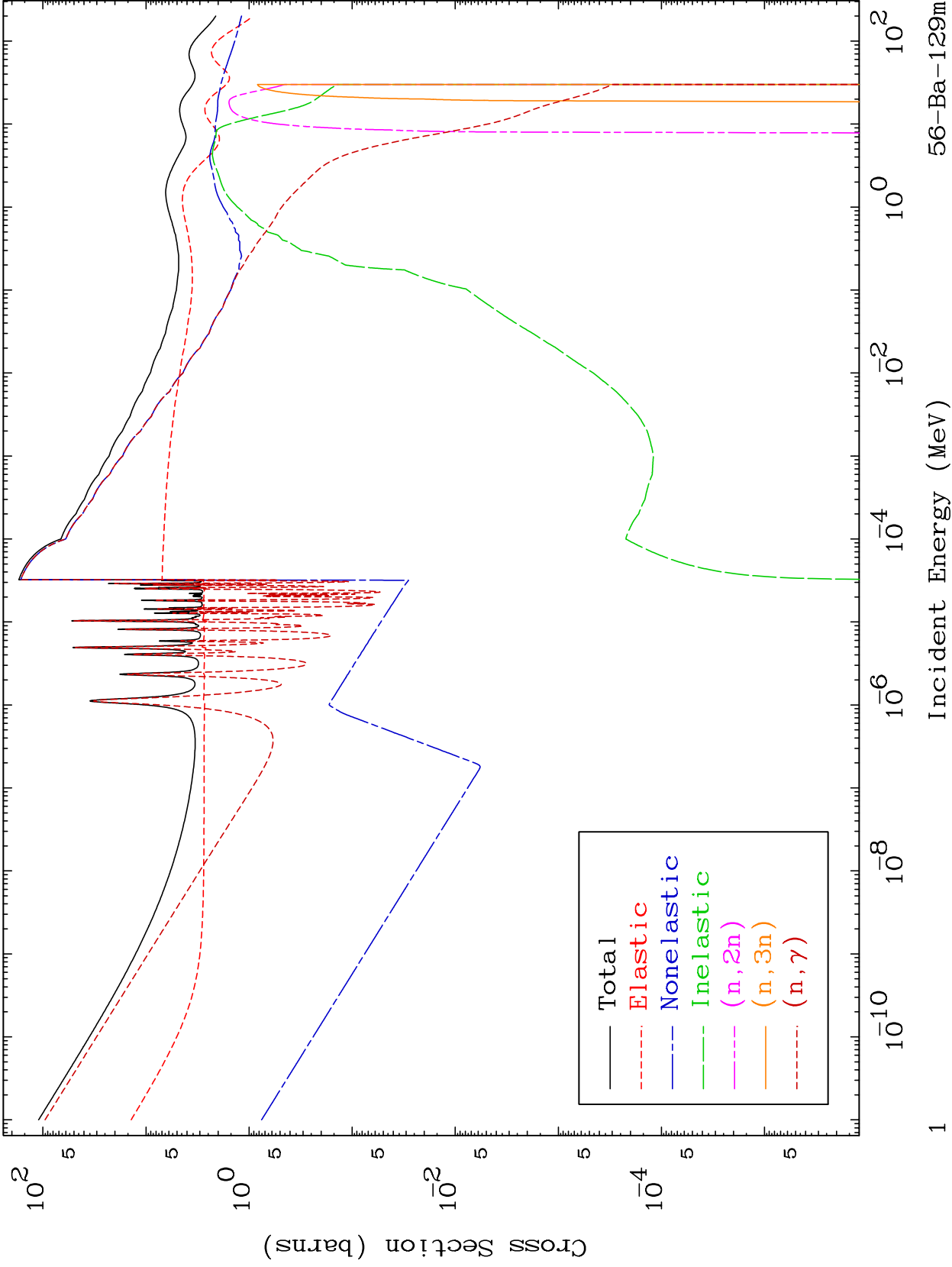
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5623

Neutron Major  
293 Kelvin Cross Sections

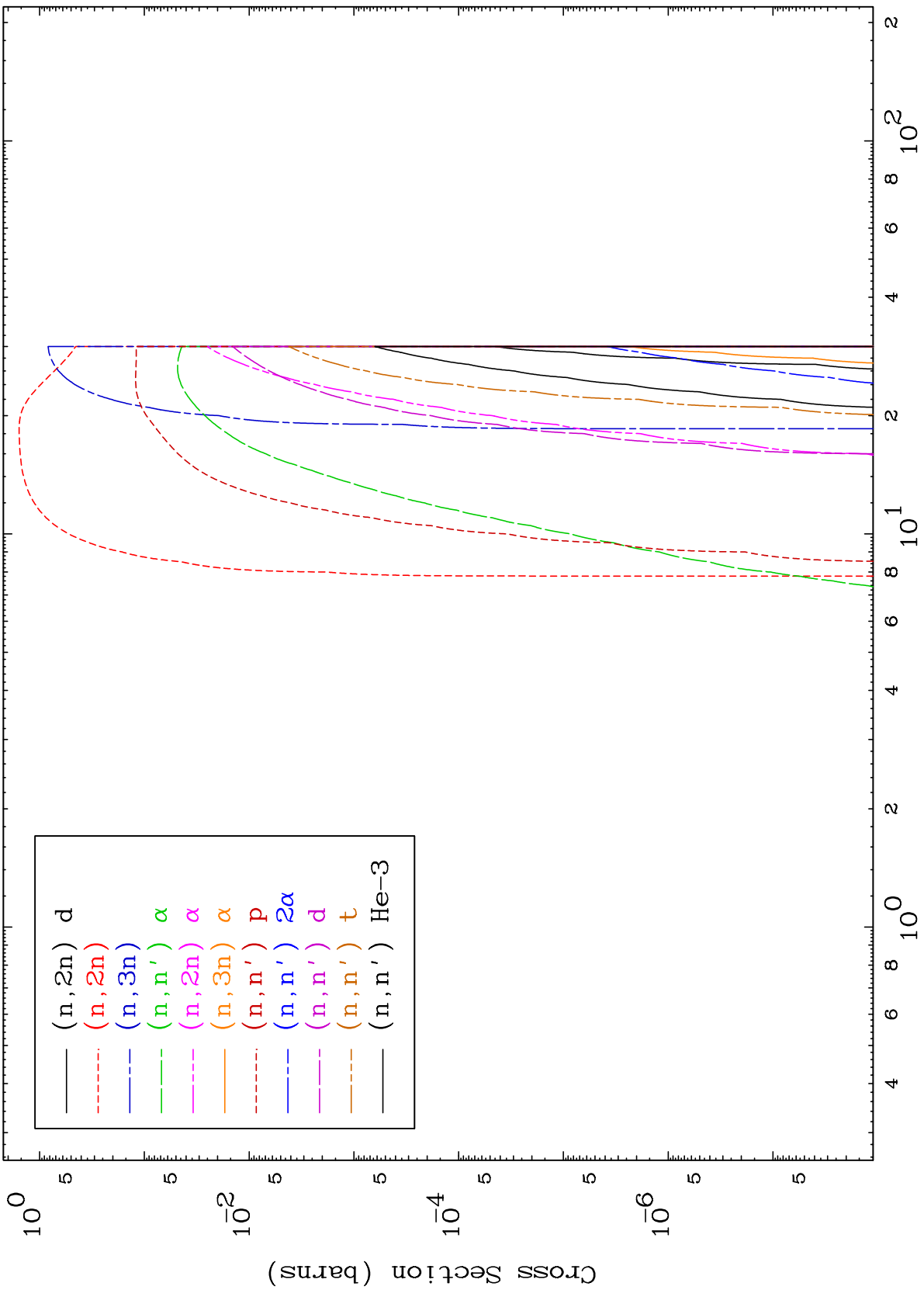
56-Ba-129m



MAT 5623

Neutron Absorption  
293 Kelvin Cross Sections

56-Ba-129m



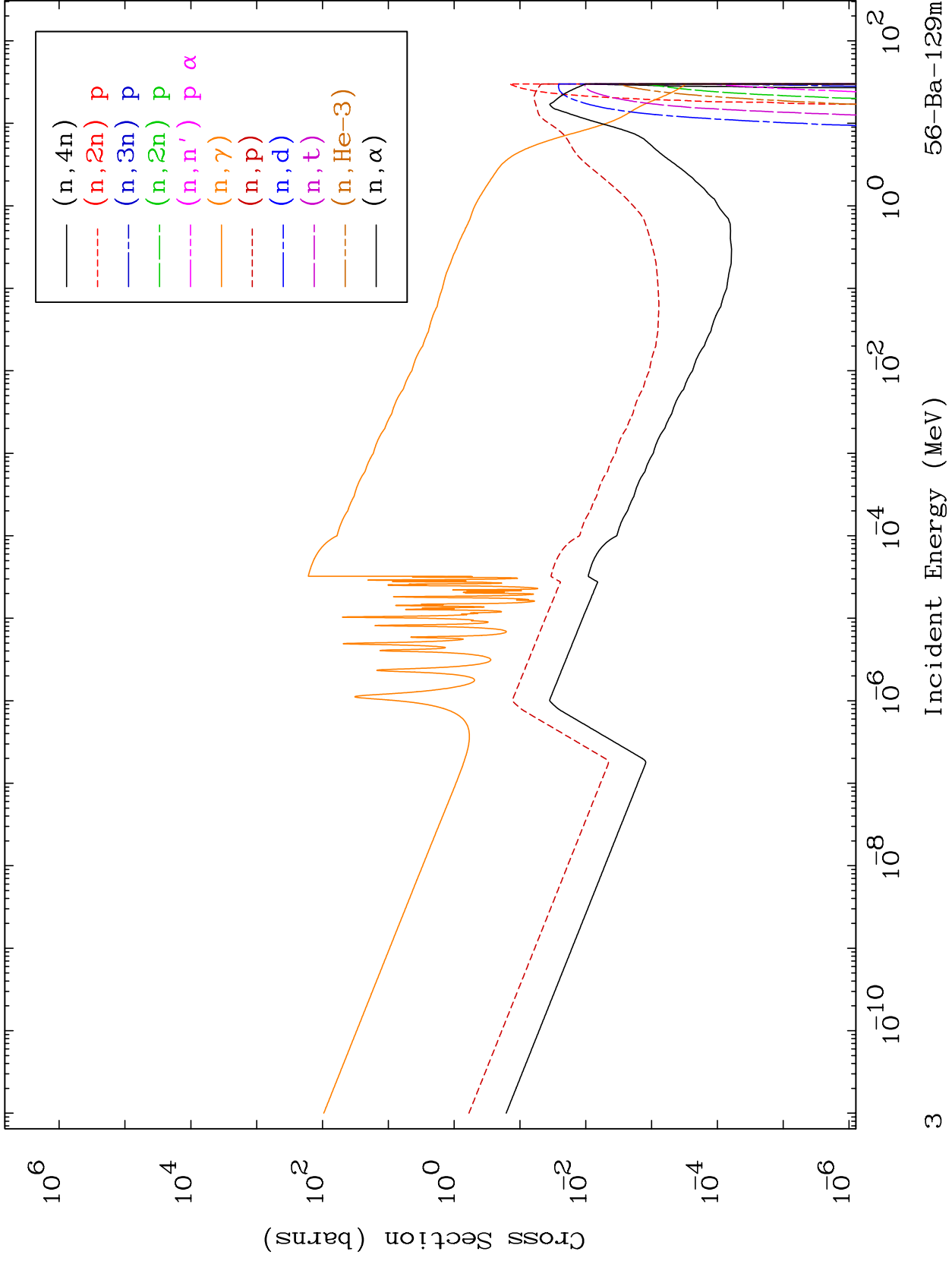
56-Ba-129m

Incident Energy (MeV)

MAT 5623

Neutron Absorption  
293 Kelvin Cross Sections

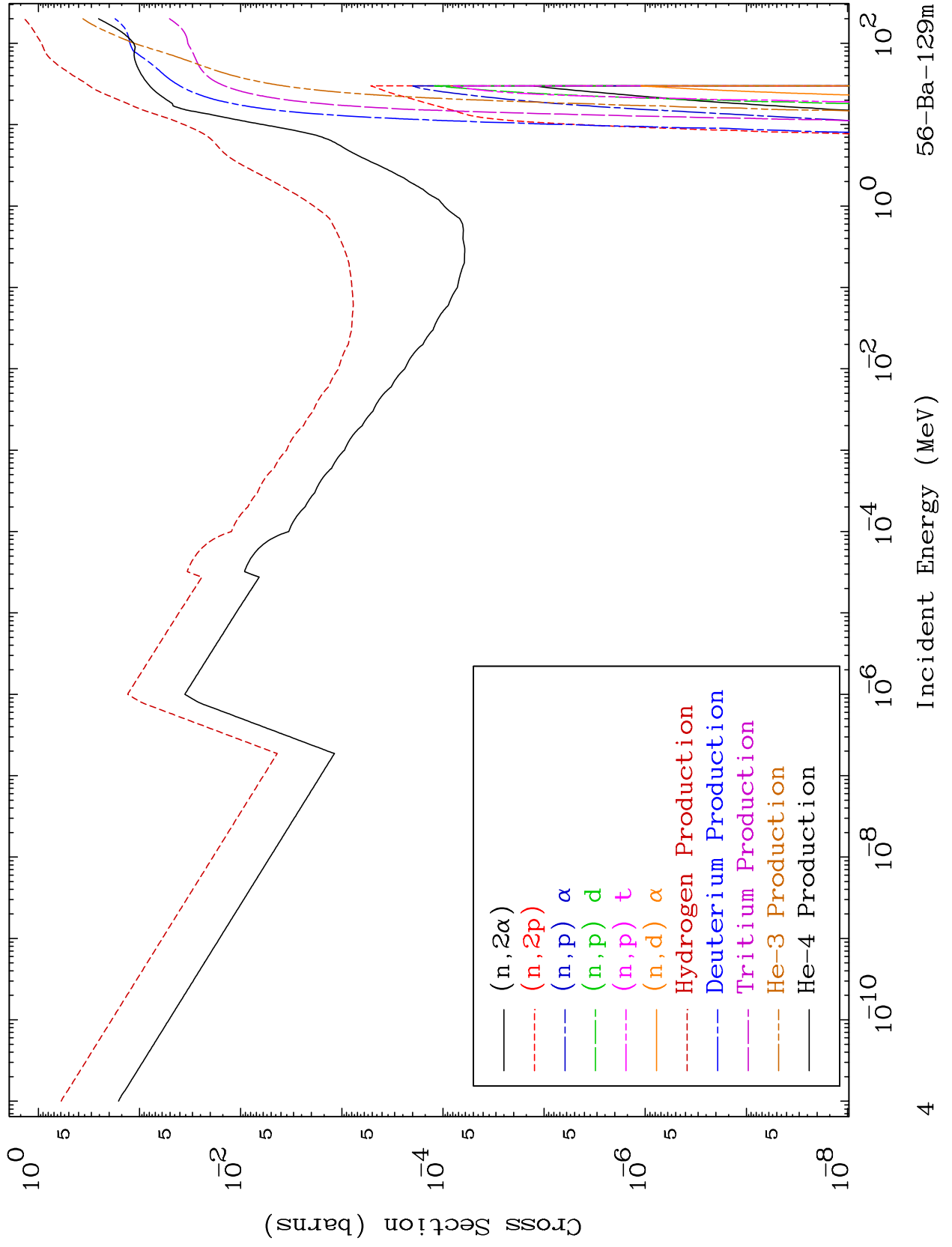
56-Ba-129m



MAT 5623

Neutron Absorption  
293 Kelvin Cross Sections

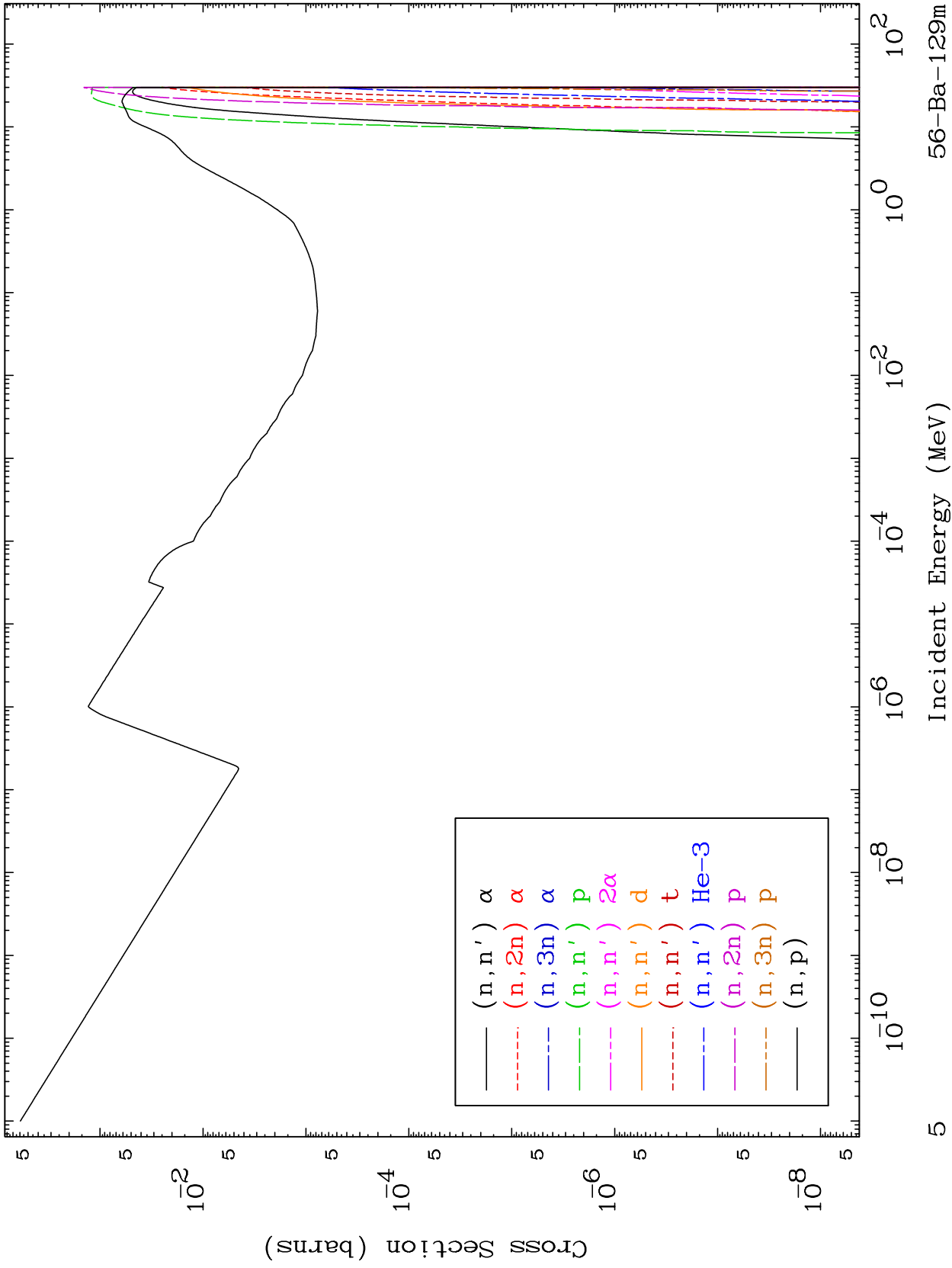
56-Ba-129m



MAT 5623

Charged Particle  
293 Kelvin Cross Sections

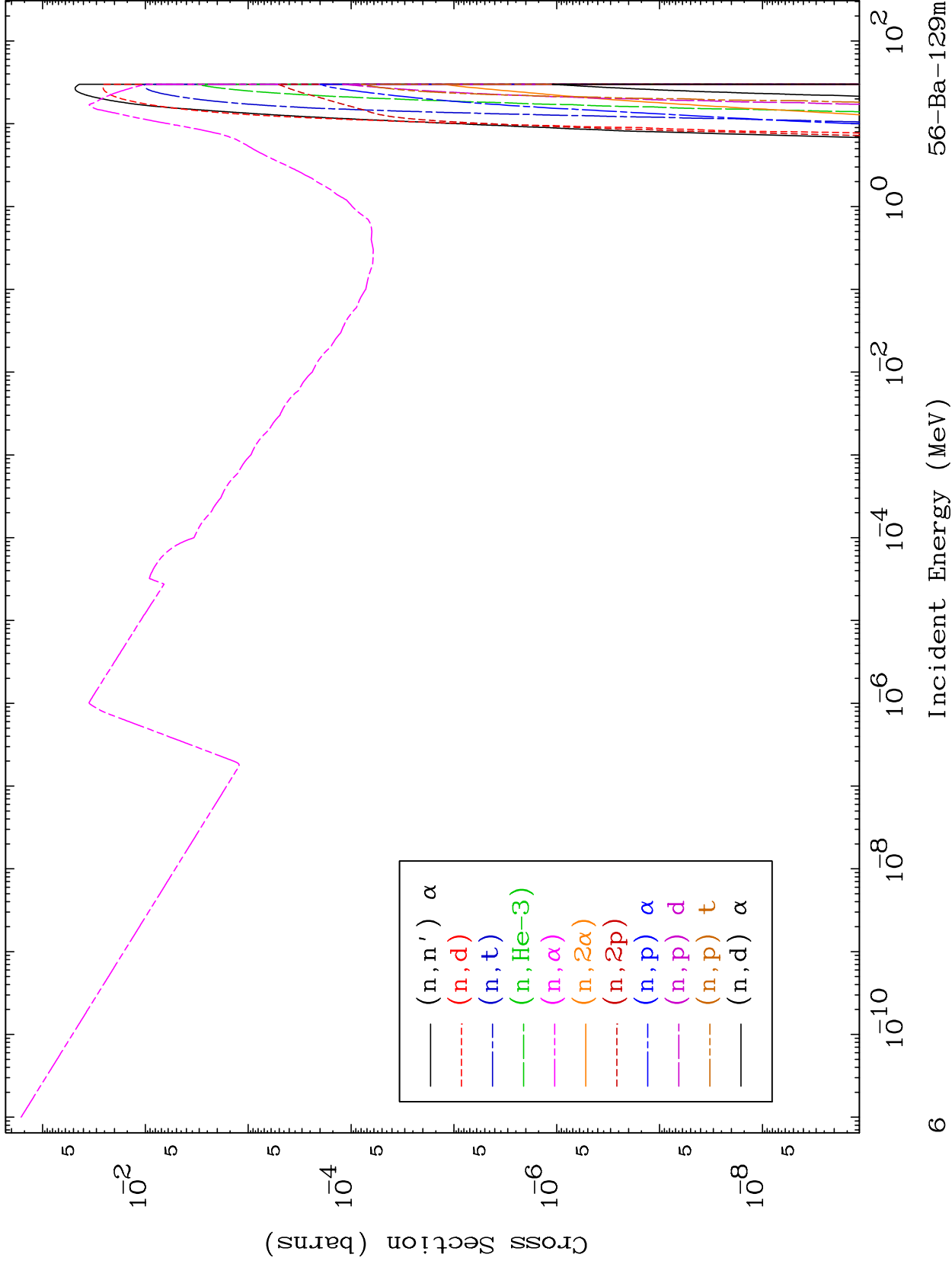
56-Ba-129m



MAT 5623

Charged Particle  
293 Kelvin Cross Sections

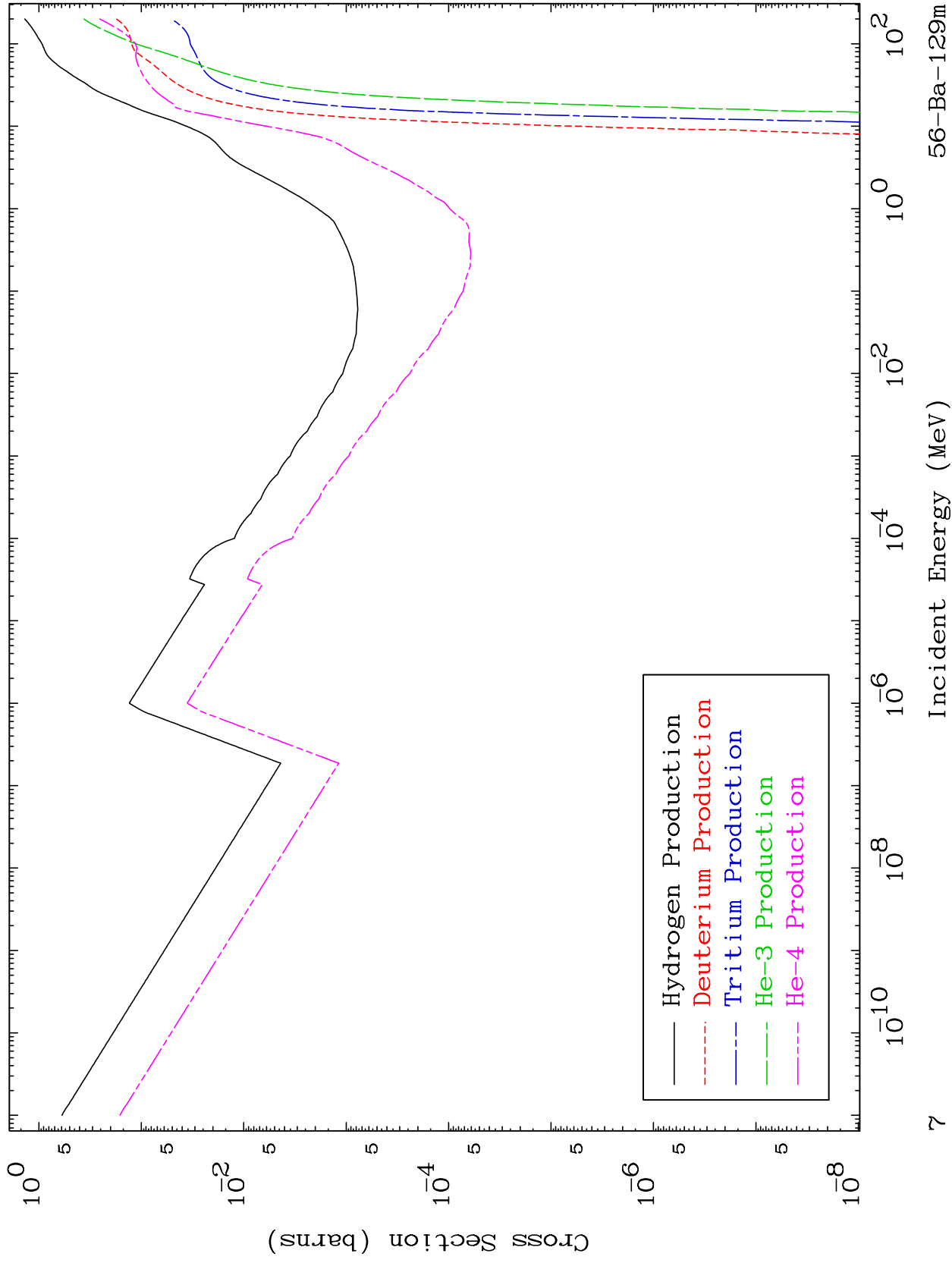
56-Ba-129m



MAT 5623

Particle Production  
293 Kelvin Cross Sections

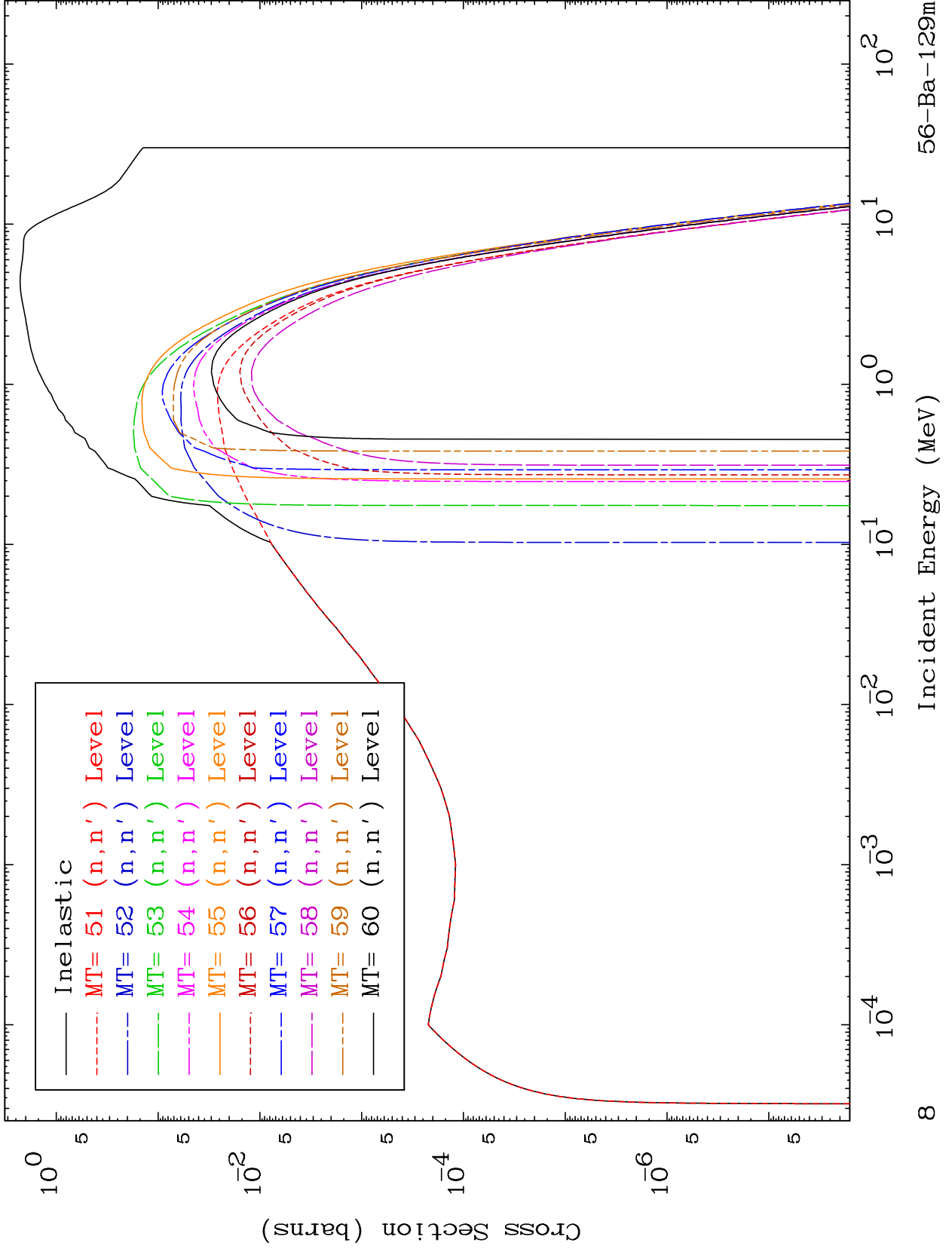
56-Ba-129m



MAT 5623

(n,n') Levels  
293 Kelvin Cross Sections

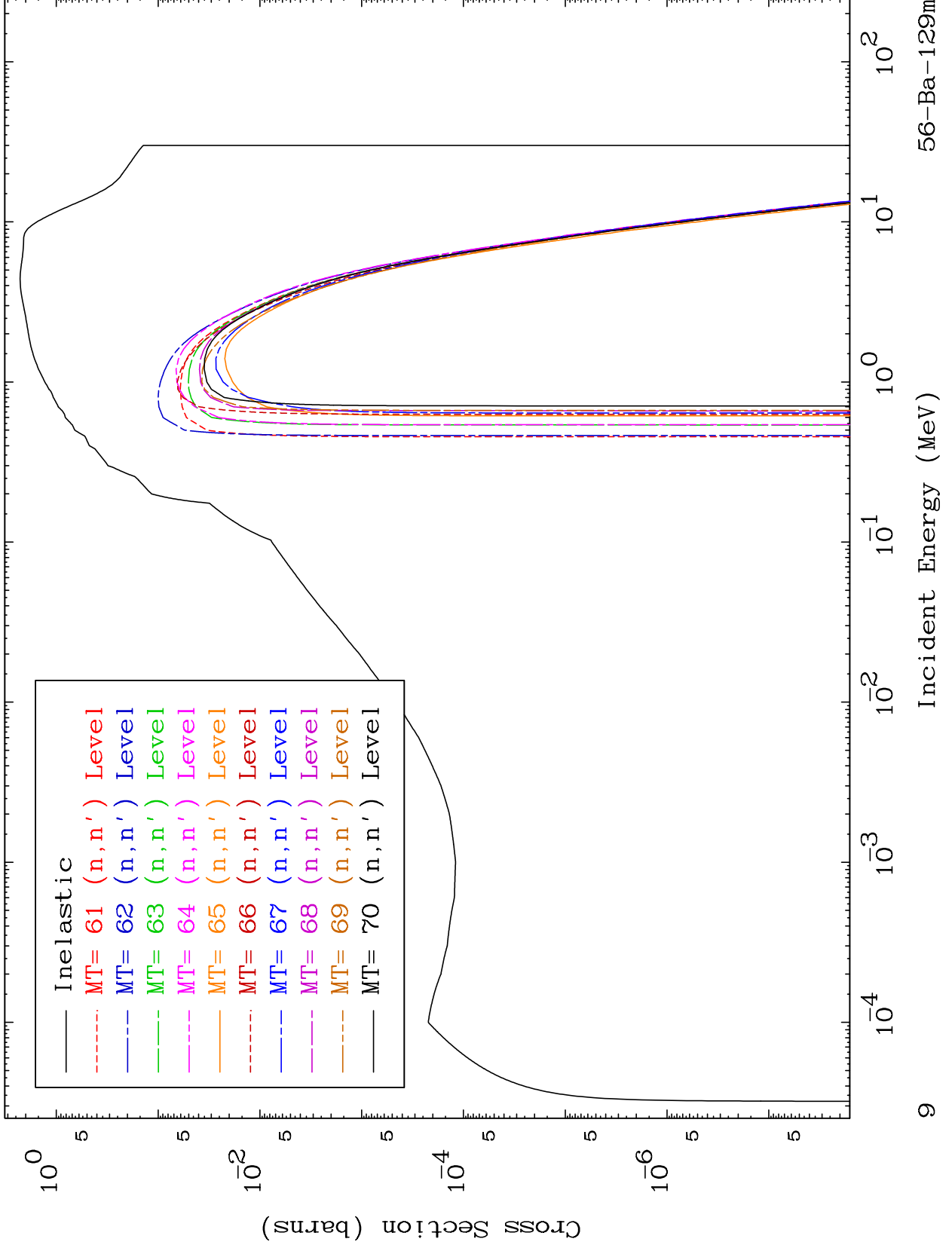
56-Ba-129m



MAT 5623

(n,n') Levels  
293 Kelvin Cross Sections

56-Ba-129m

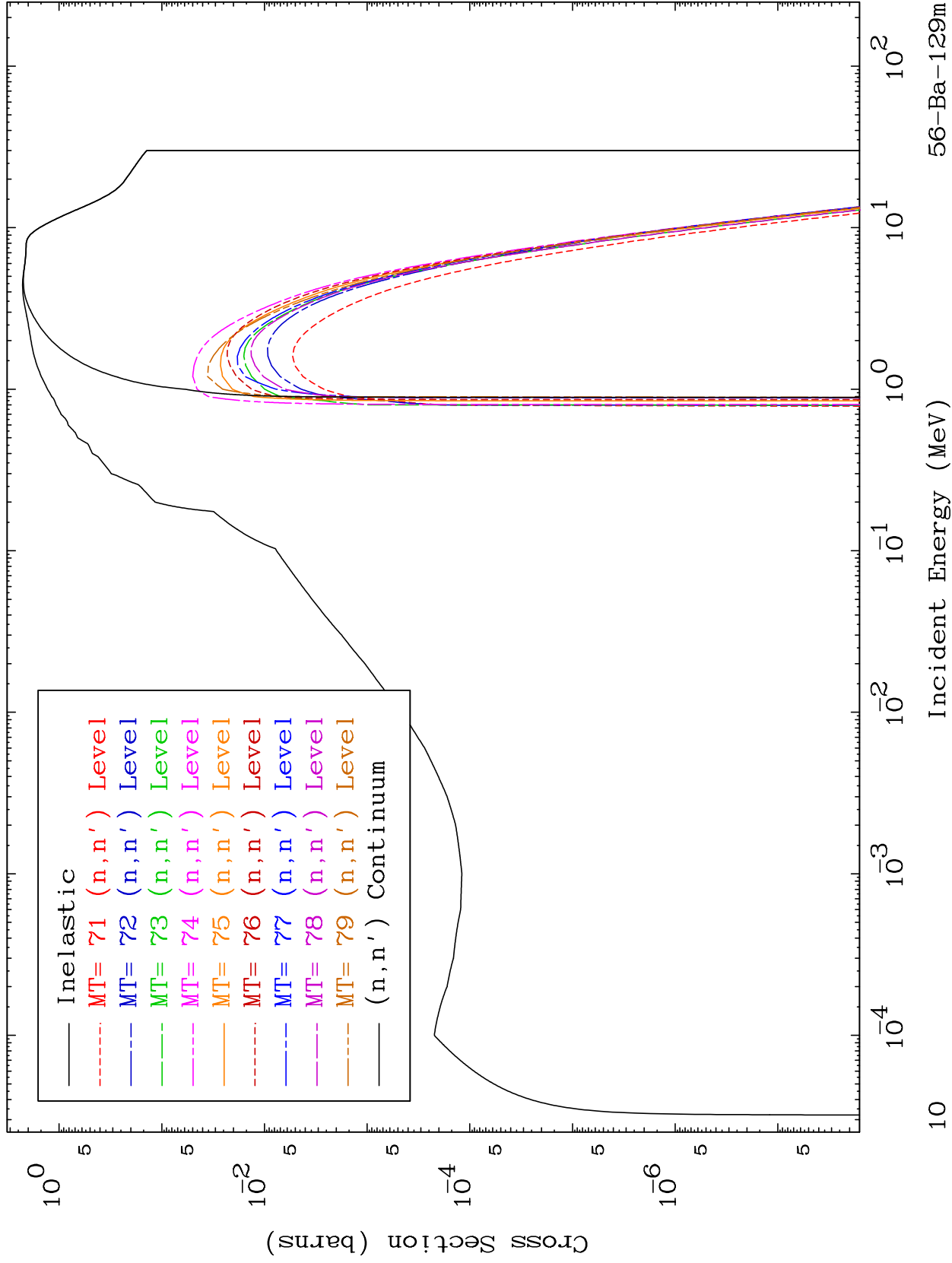


MAT 5623

(n,n') Levels

56-Ba-129m

293 Kelvin Cross Sections



56-Ba-129m

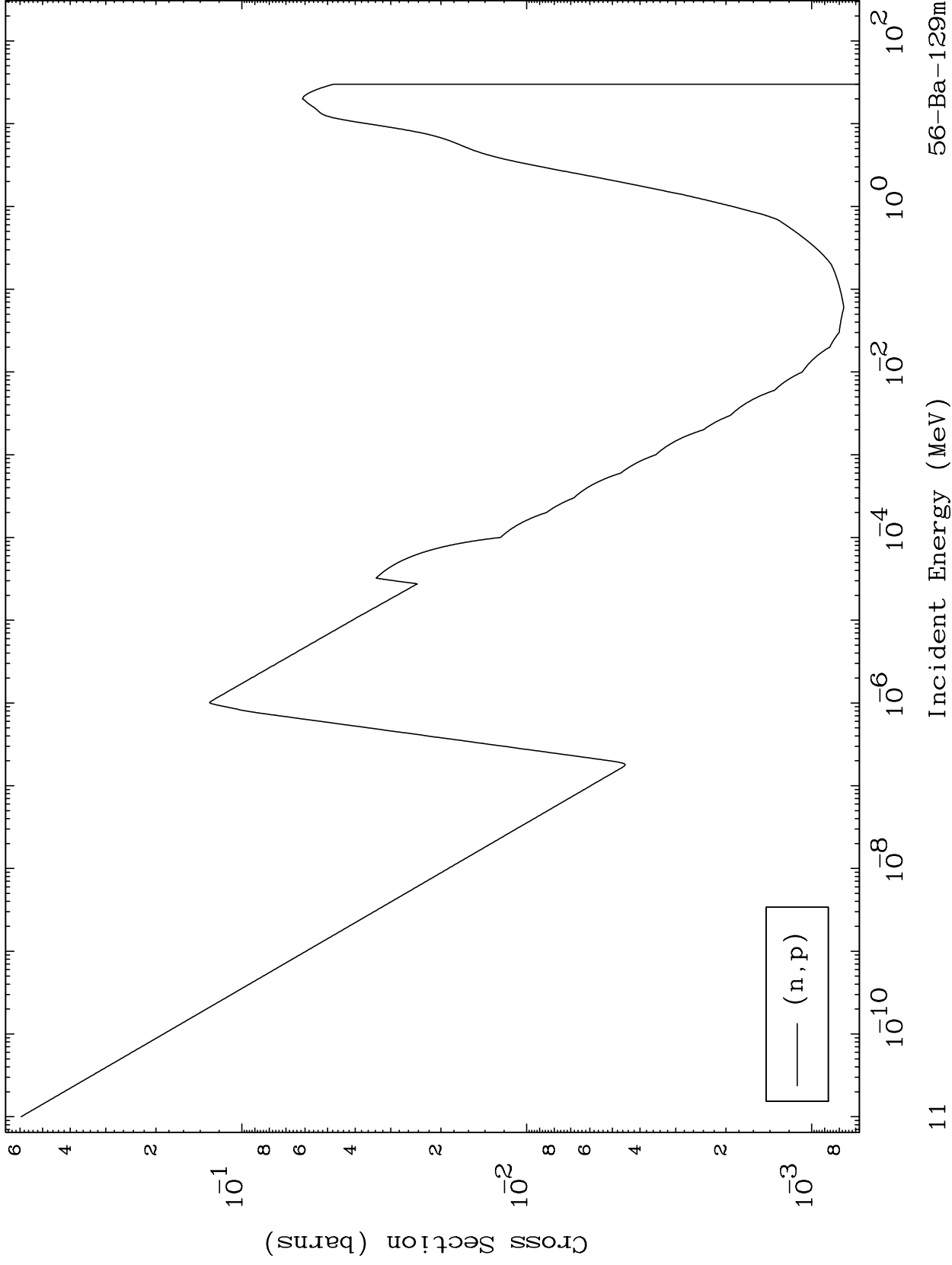
Incident Energy (MeV)

10

MAT 5623

(n,p) Levels  
293 Kelvin Cross Sections

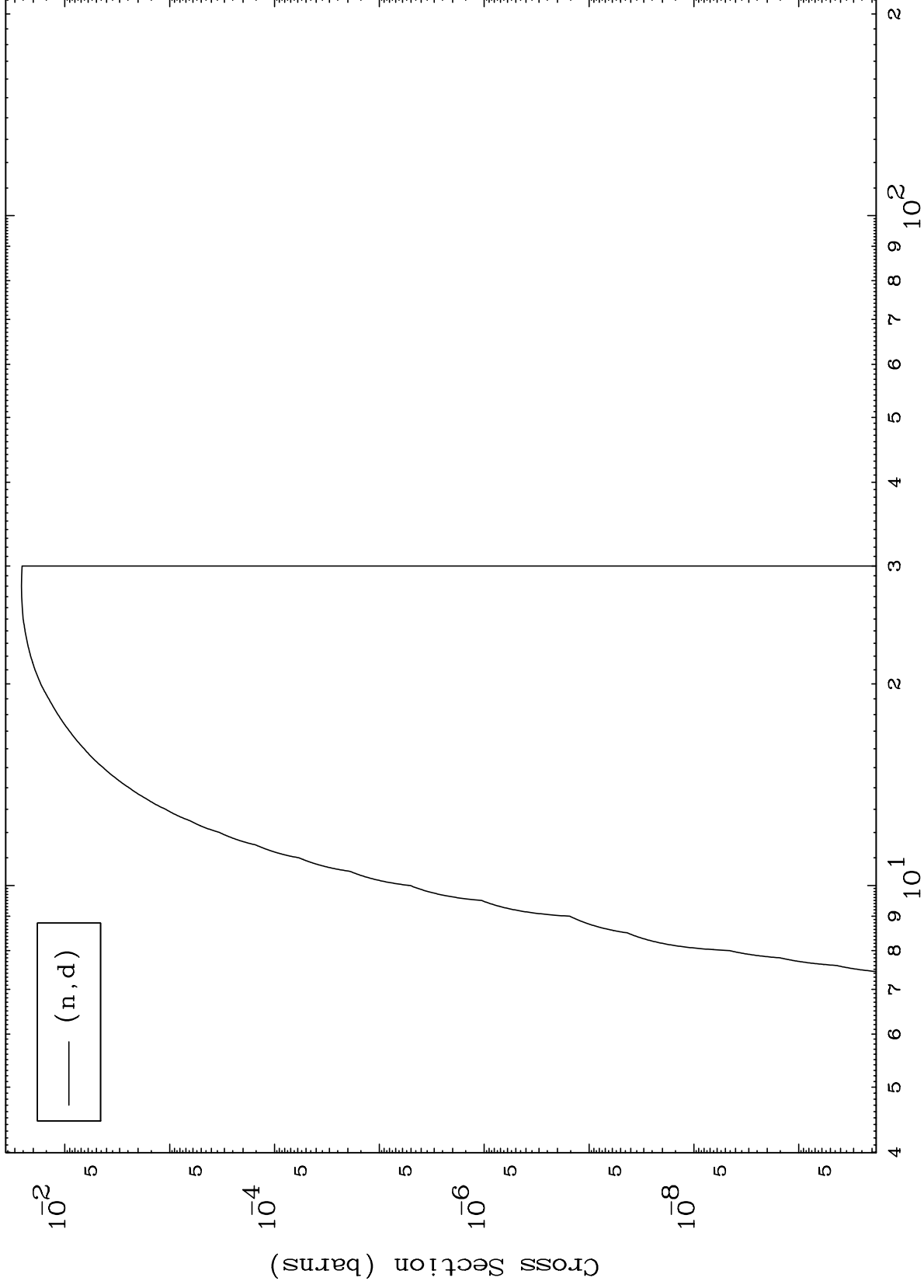
56-Ba-129m



MAT 5623

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-129m



12

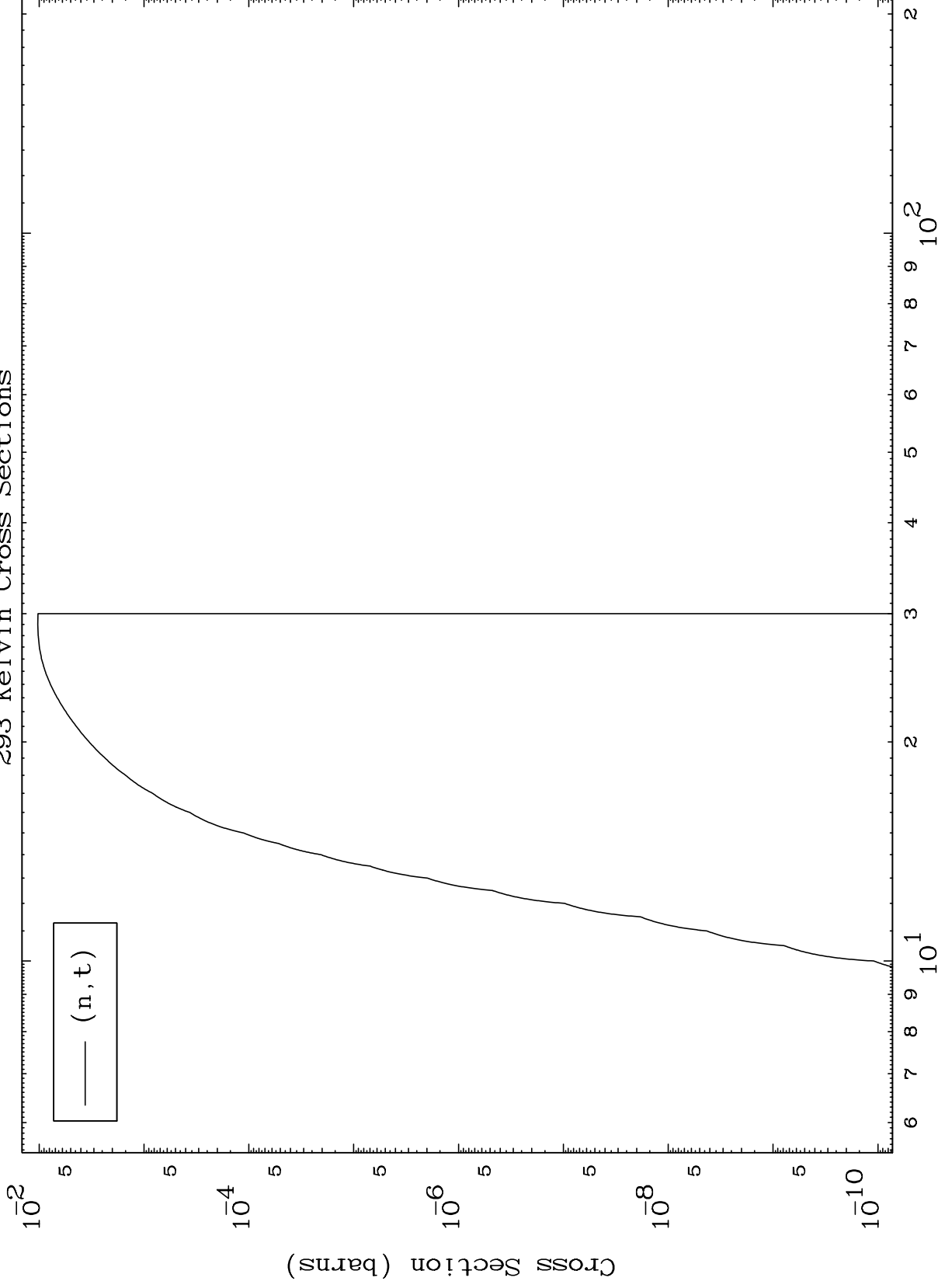
Incident Energy (MeV)

56-Ba-129m

MAT 5623

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-129m



13

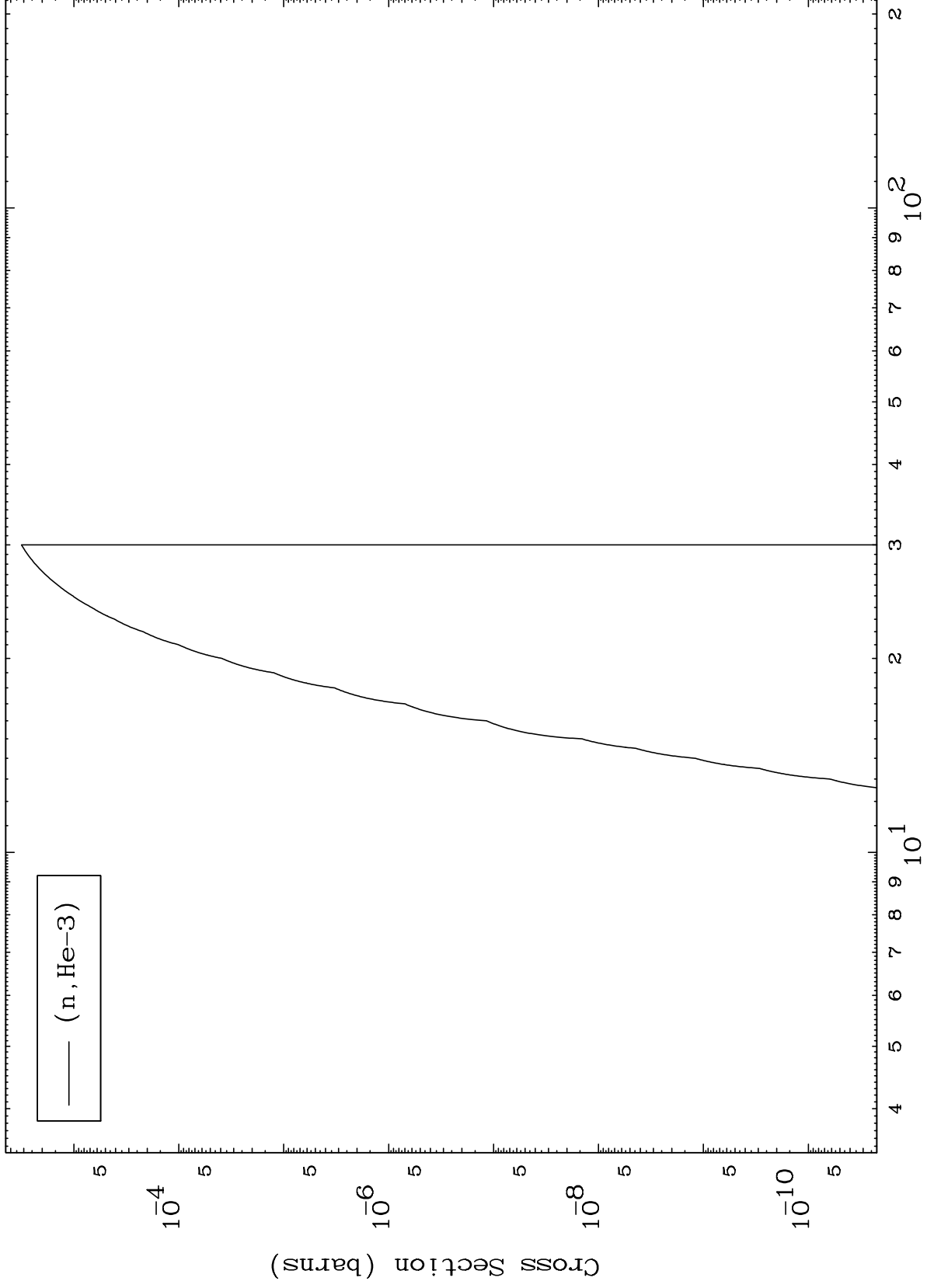
Incident Energy (MeV)

56-Ba-129m

MAT 5623

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-129m



14

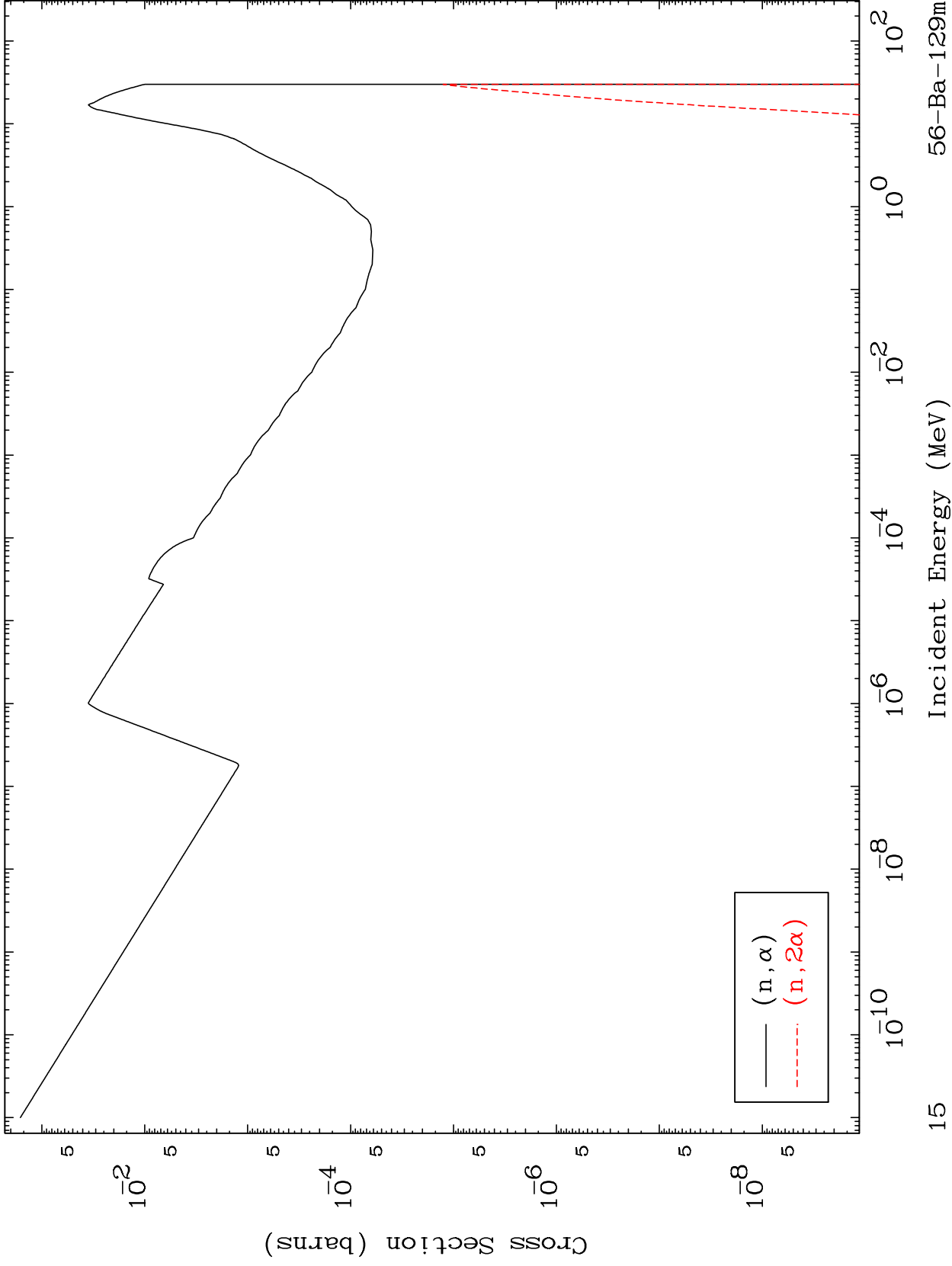
Incident Energy (MeV)

56-Ba-129m

MAT 5623

(n,α) Levels  
293 Kelvin Cross Sections

56-Ba-129m

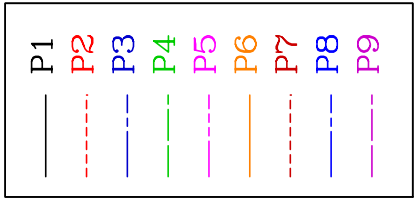
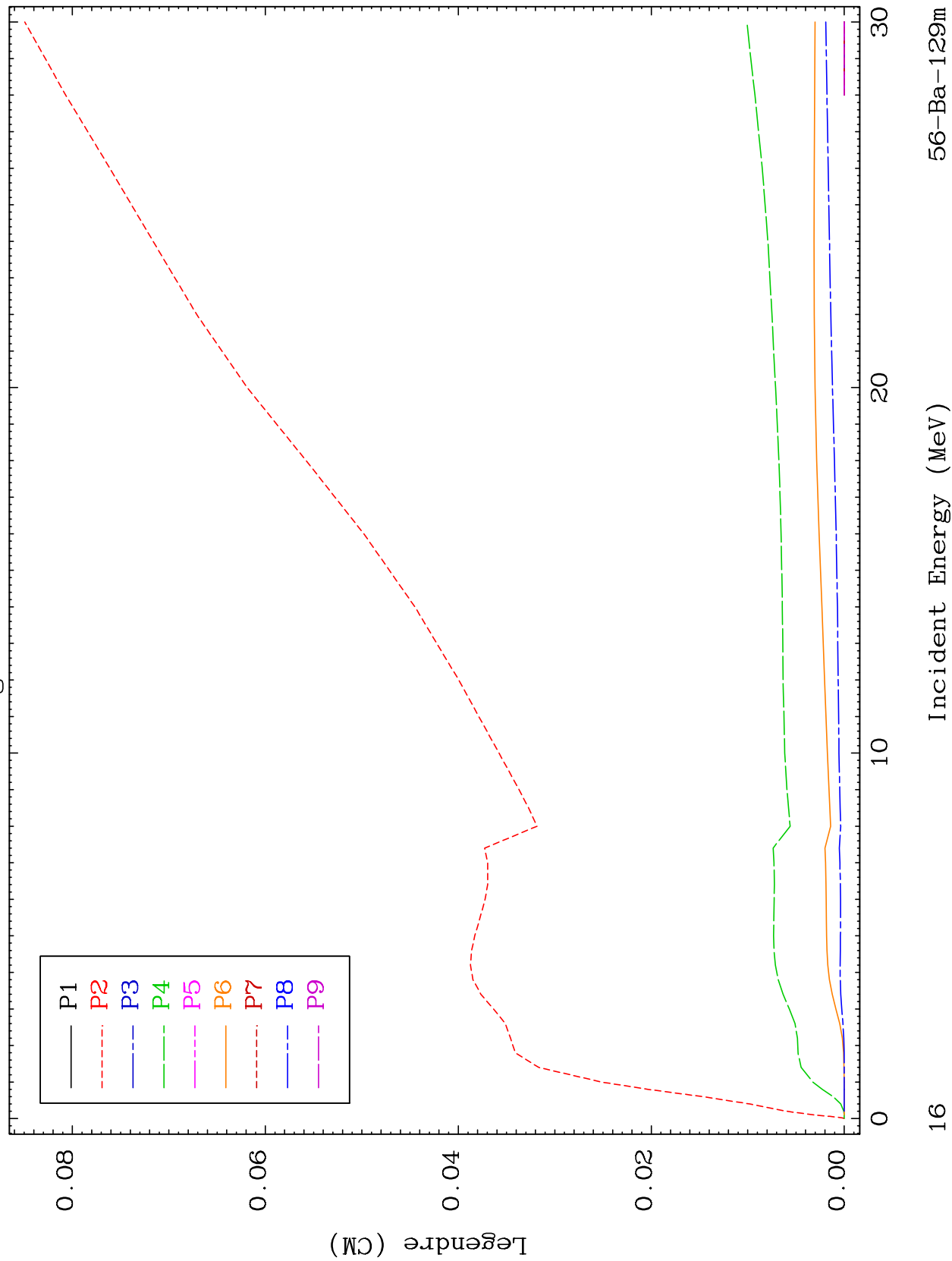


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### Elastic Legendre Coefficients

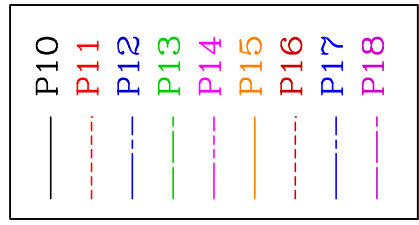
56-Ba-129m



MAT 5623

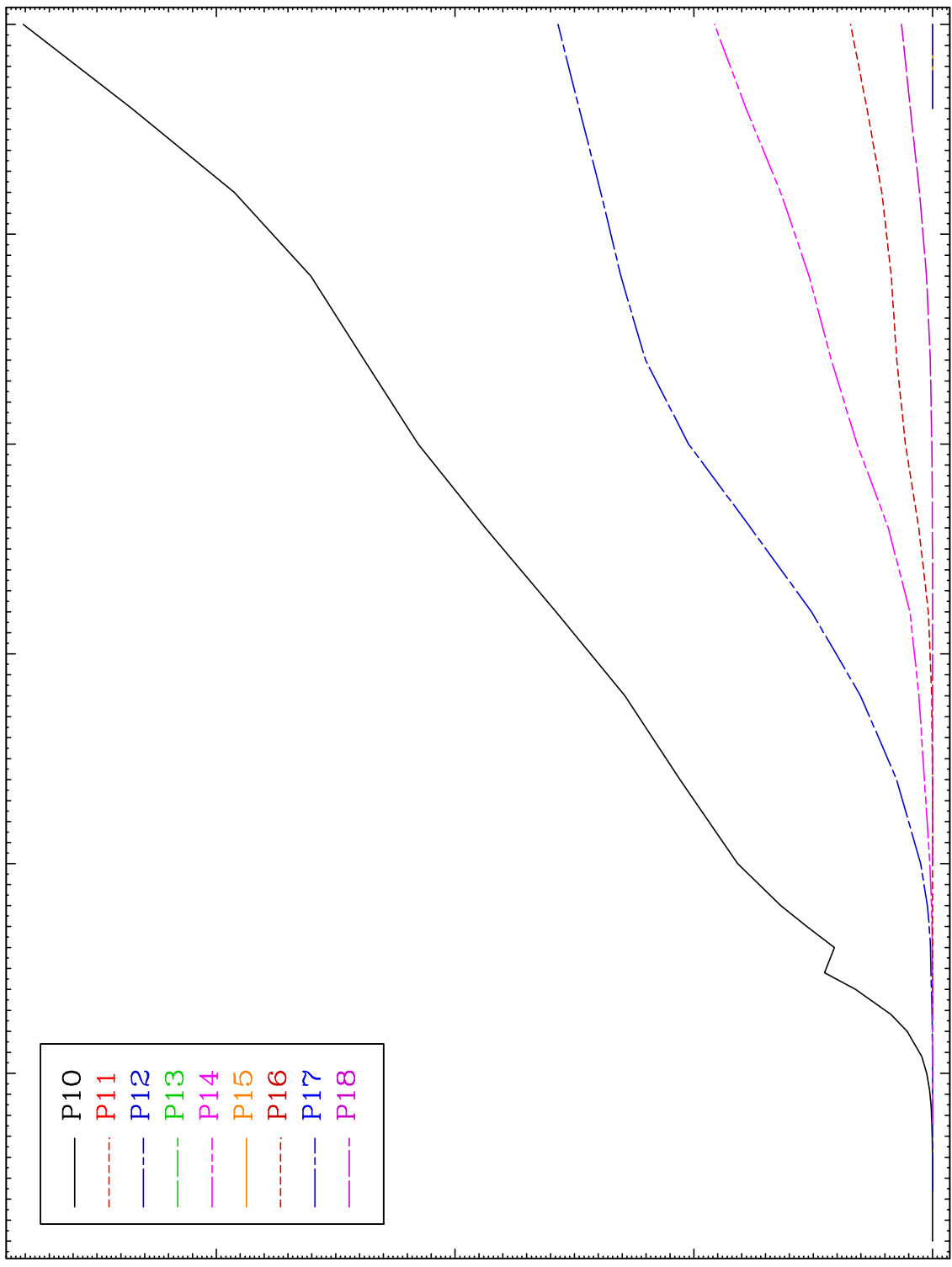
Elastic Legendre Coefficients

56-Ba-129m



$\times 10^{-4}$

Legendre (CM)



17

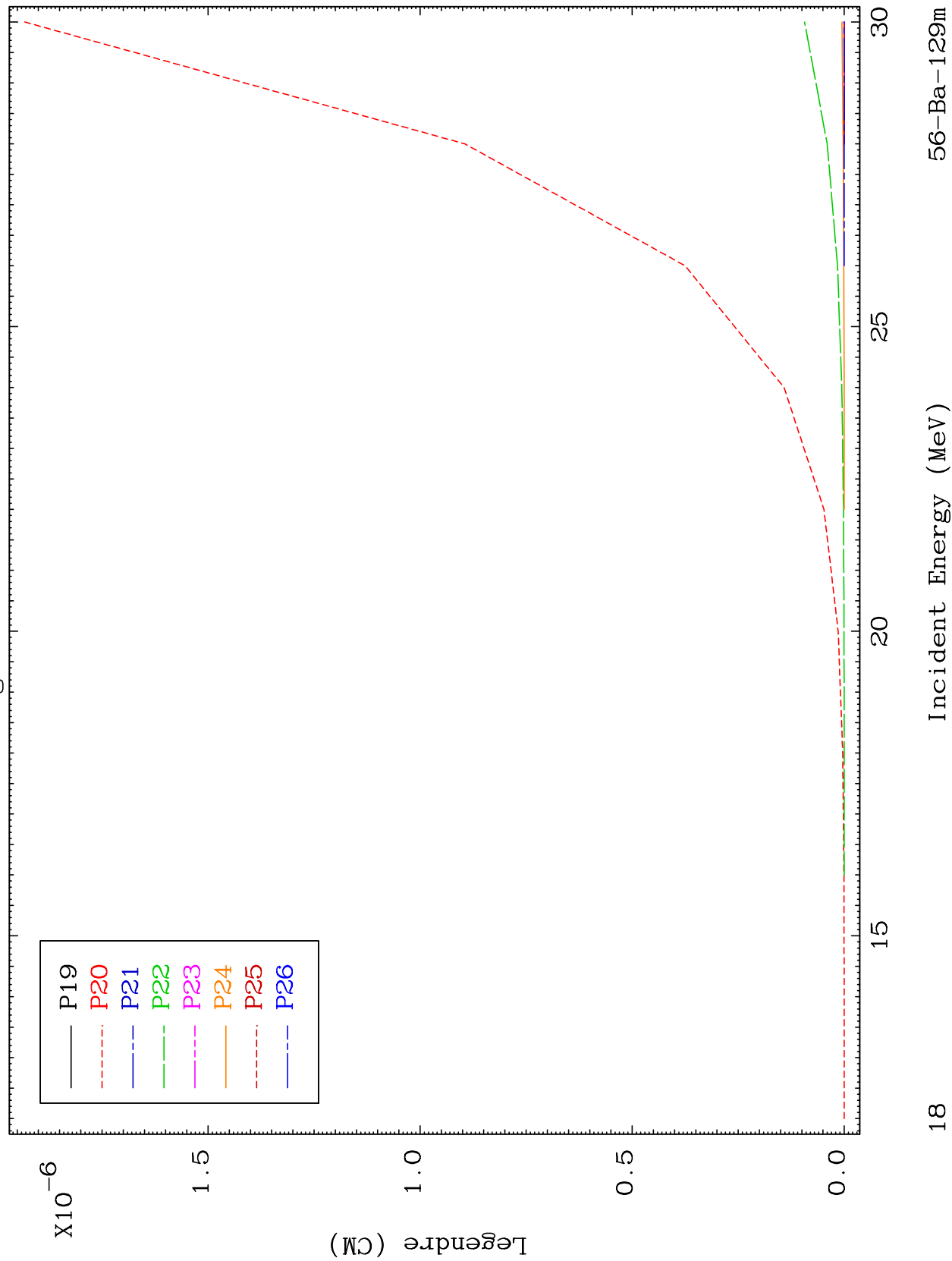
Incident Energy (MeV)

56-Ba-129m

MAT 5623

Elastic Legendre Coefficients

56-Ba-129m



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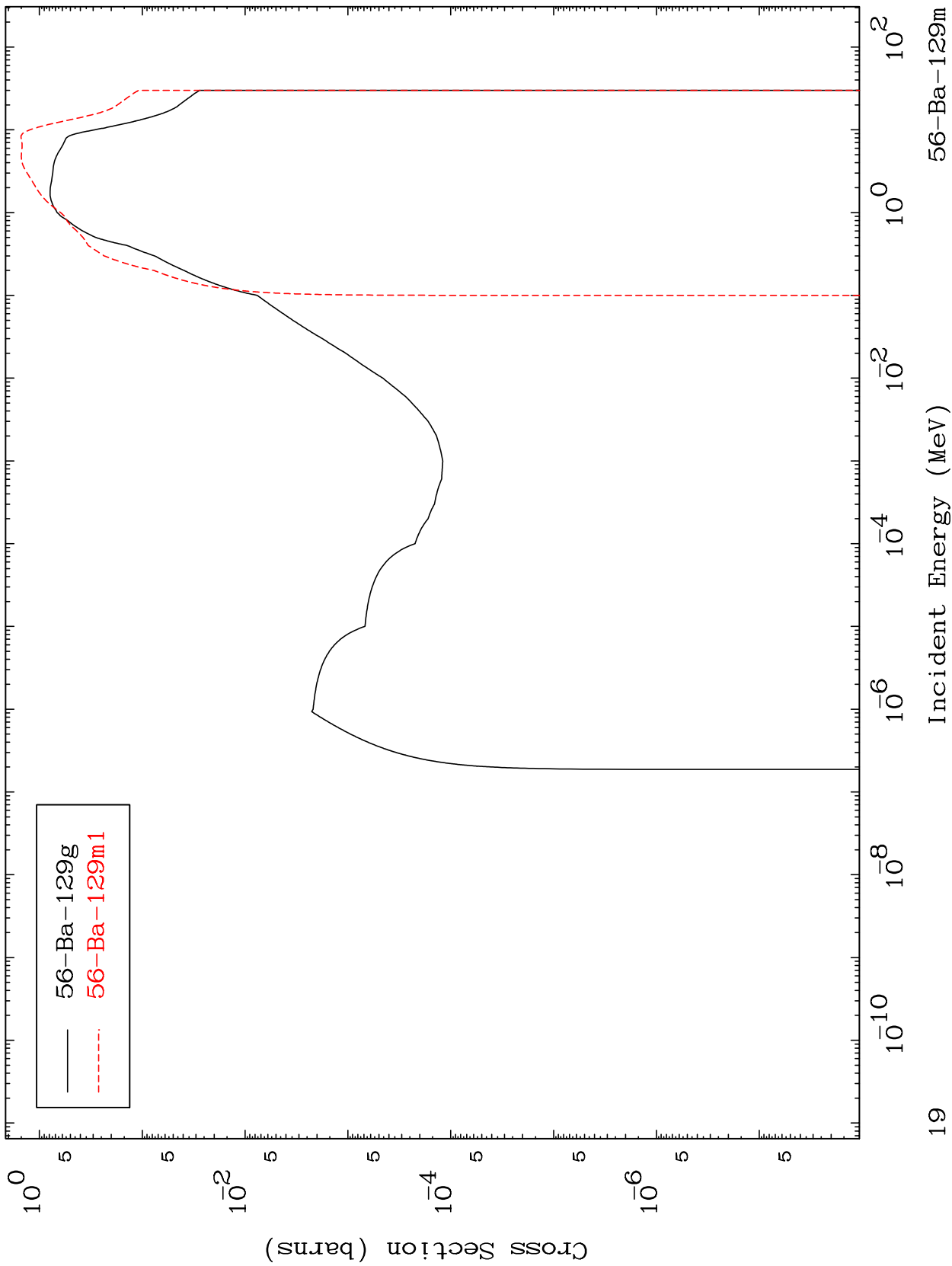
Incident Energy (MeV)

56-Ba-129m

MAT 5623

56-Ba-129m

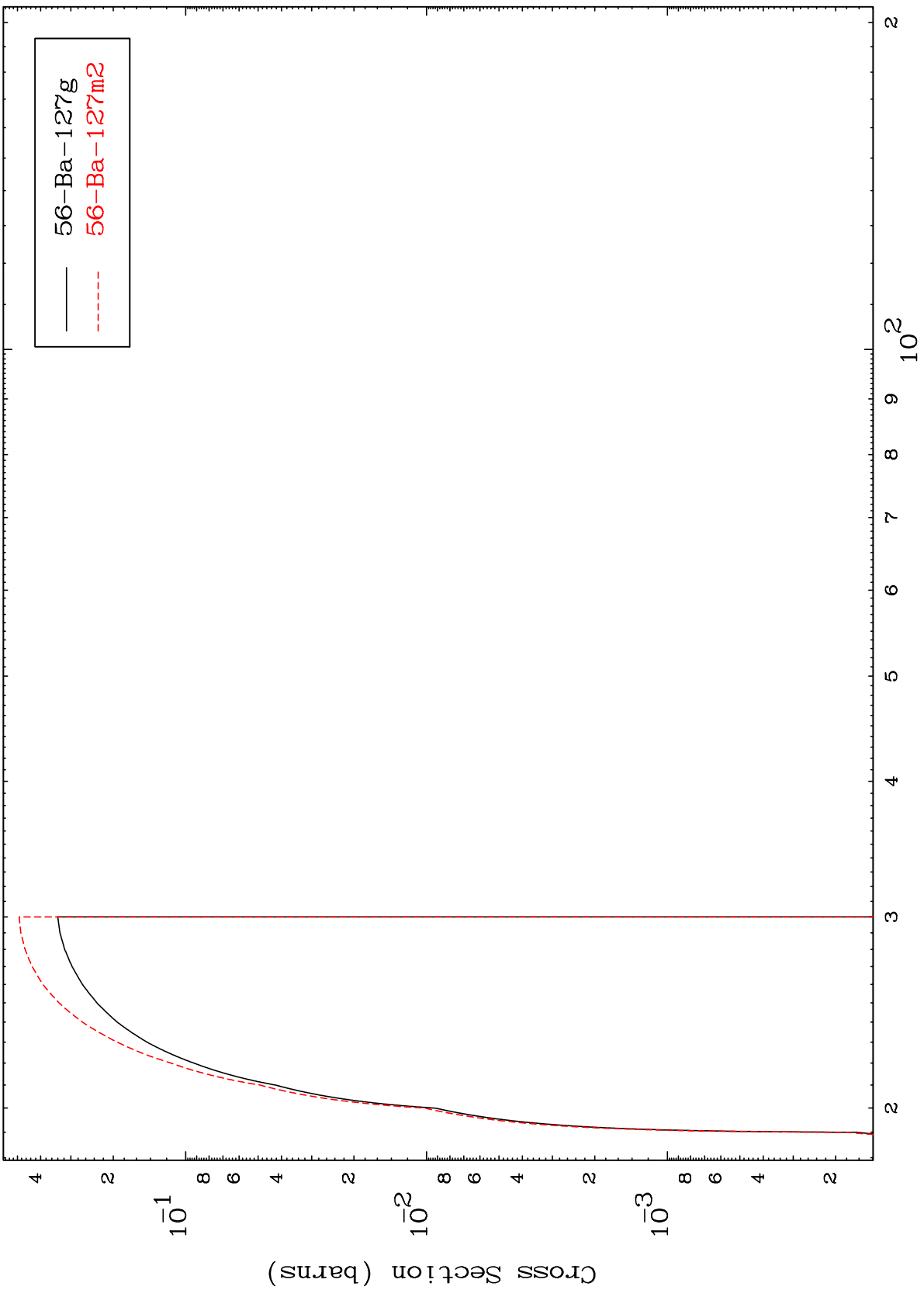
Inelastic  
Radionuclide Production Cross Section



MAT 5623

56-Ba-129m

(n,3n)  
Radionuclide Production Cross Section



56-Ba-129m

Incident Energy (MeV)

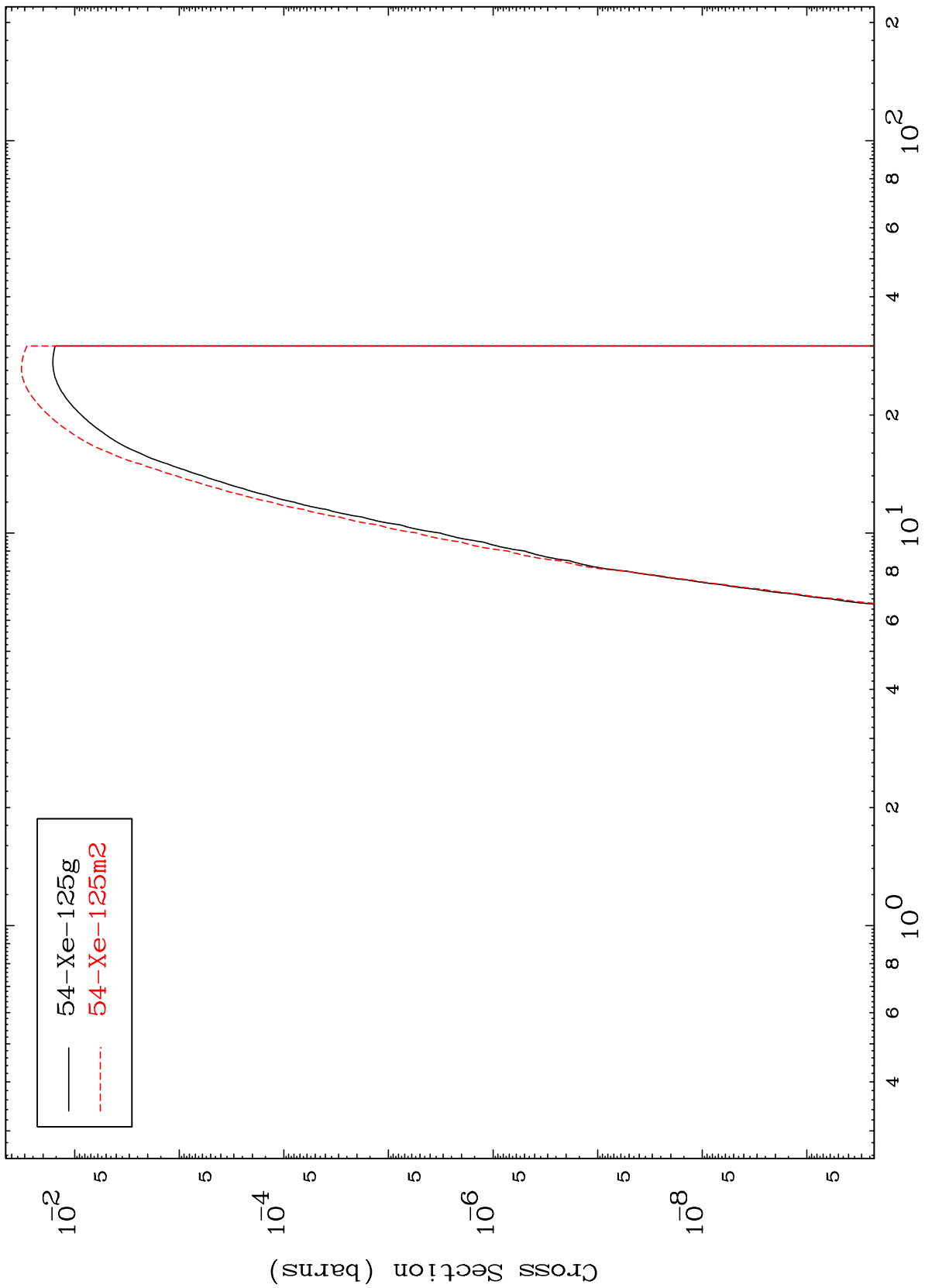
20

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(n,n')  $\alpha$

56-Ba-129m

Radionuclide Production Cross Section

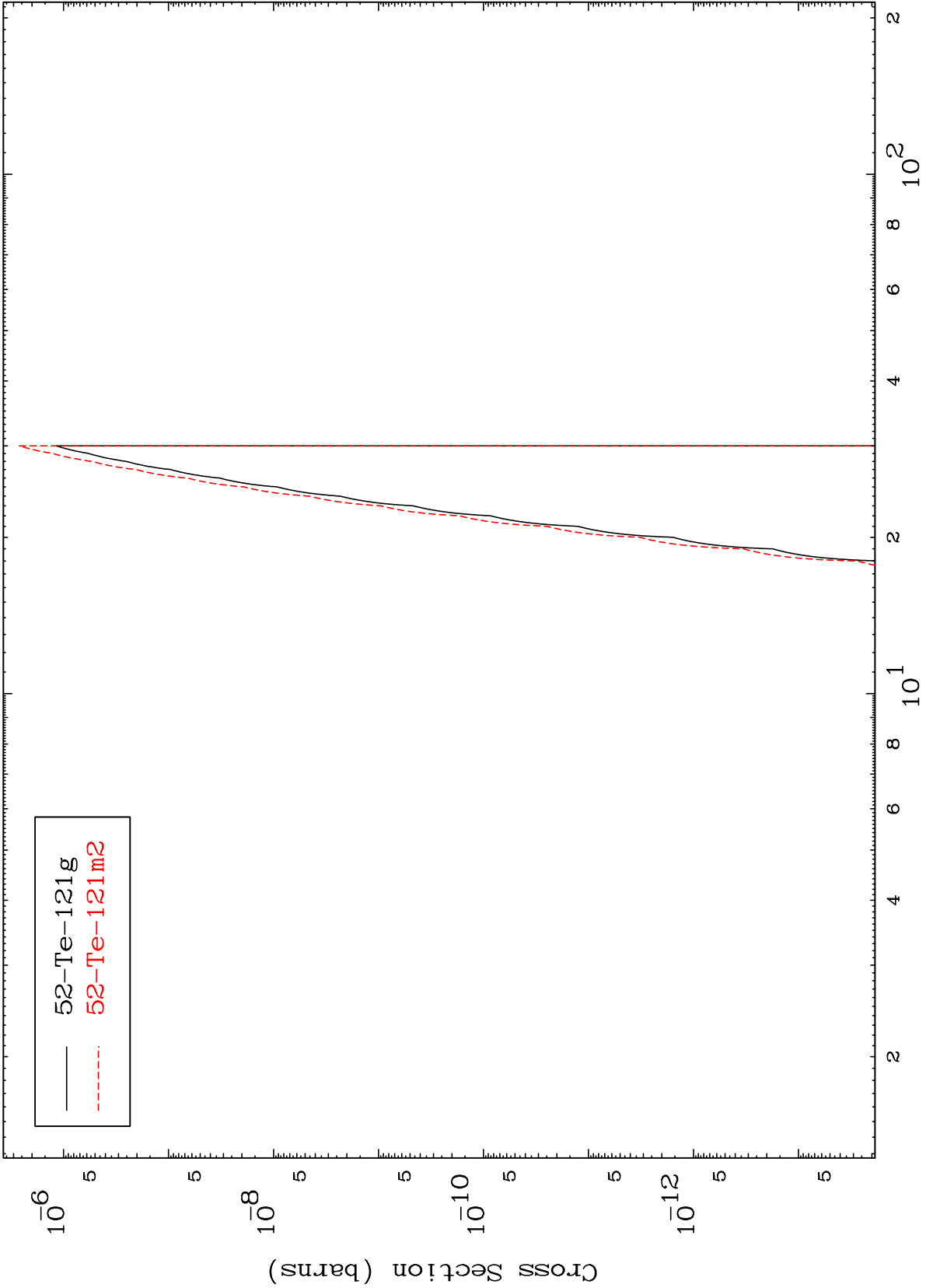


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(n,n') 2α

56-Ba-129m

Radionuclide Production Cross Section

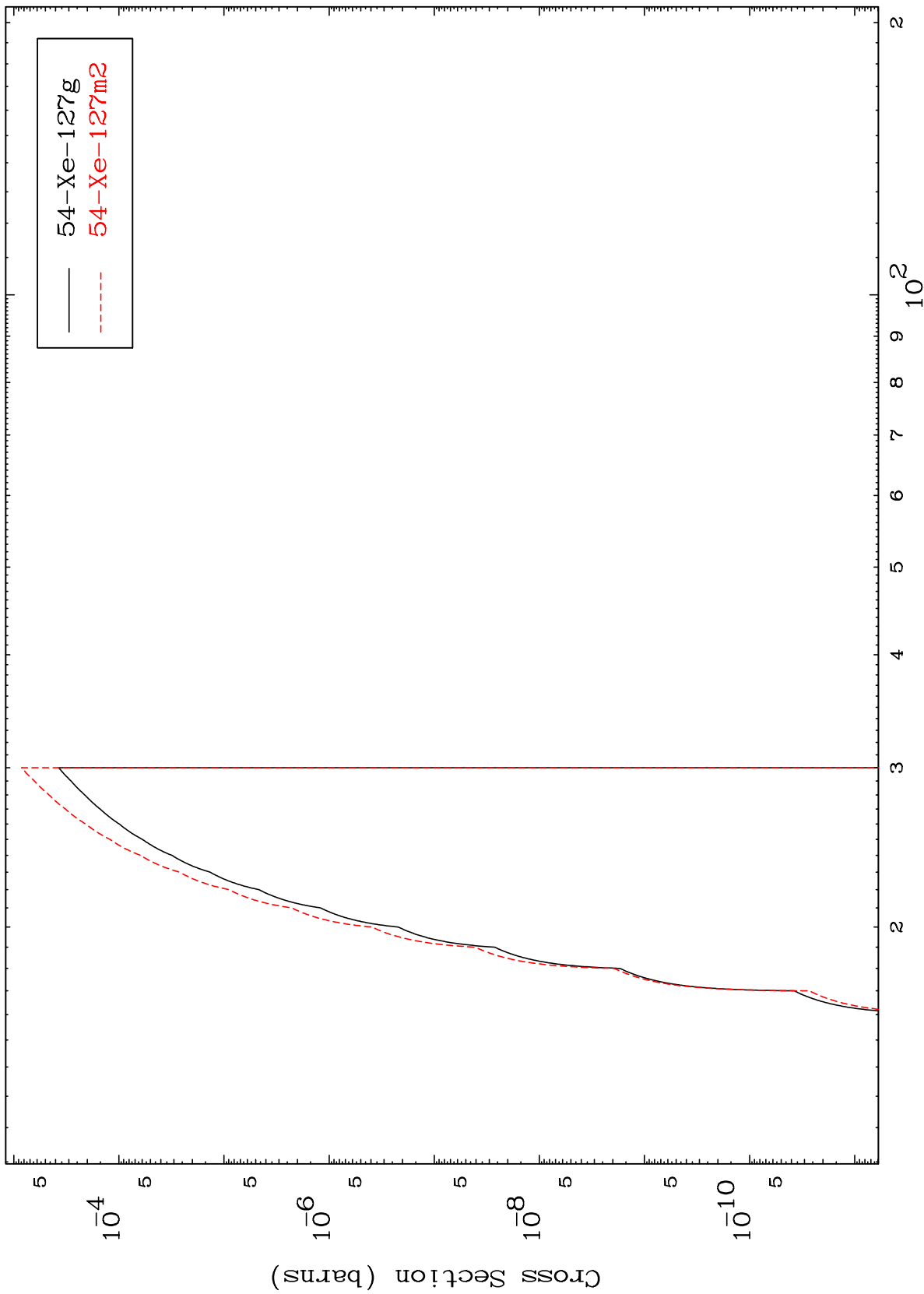


MAT 5623

(n,2n) p

56-Ba-129m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

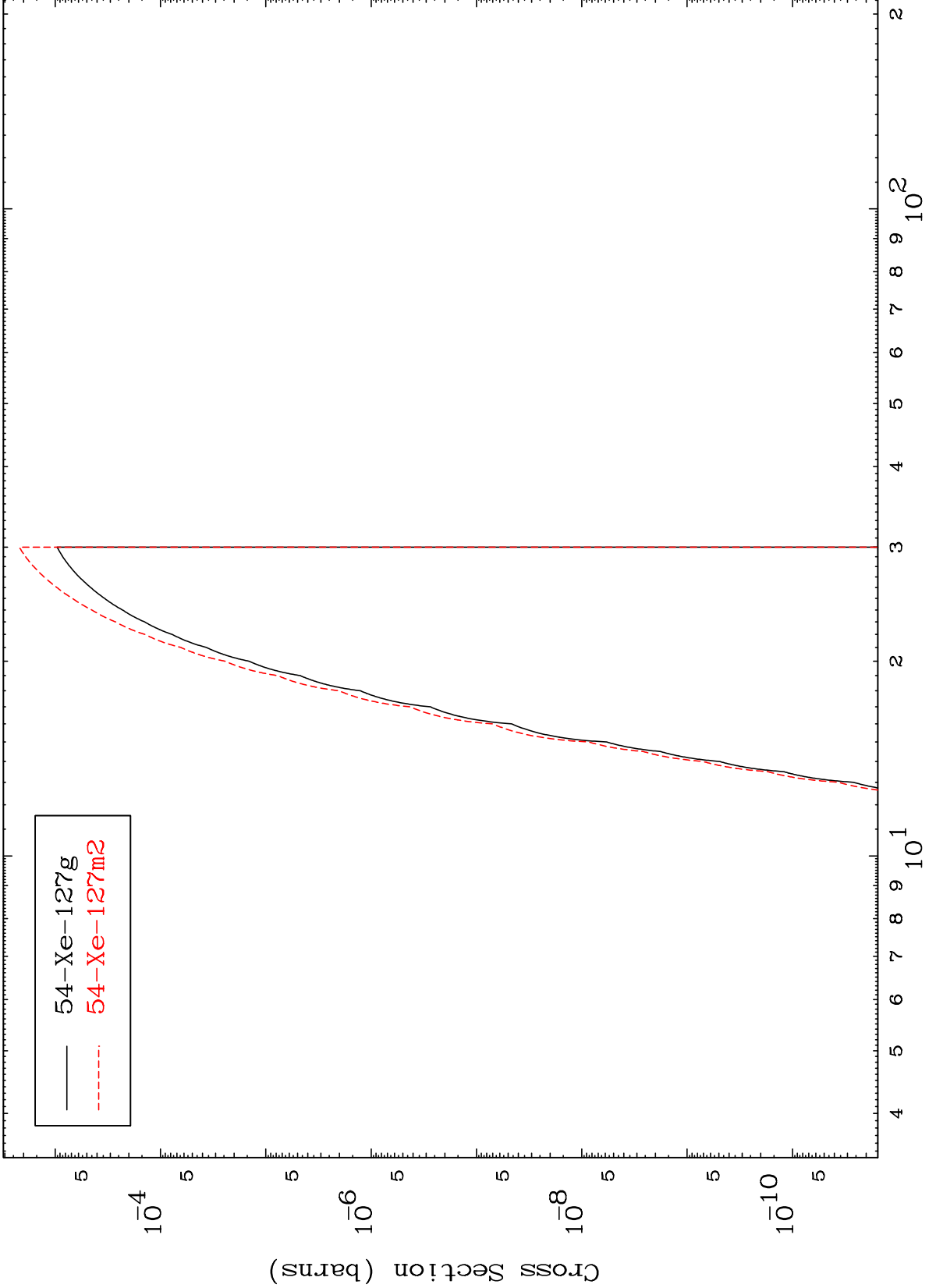
56-Ba-129m

MAT 5623

(n,He-3)

56-Ba-129m

Radionuclide Production Cross Section



54-Xe-127g  
54-Xe-127m2

24

Incident Energy (MeV)

56-Ba-129m

