

Program EVALPLOT  
(Version 2021-1)

by

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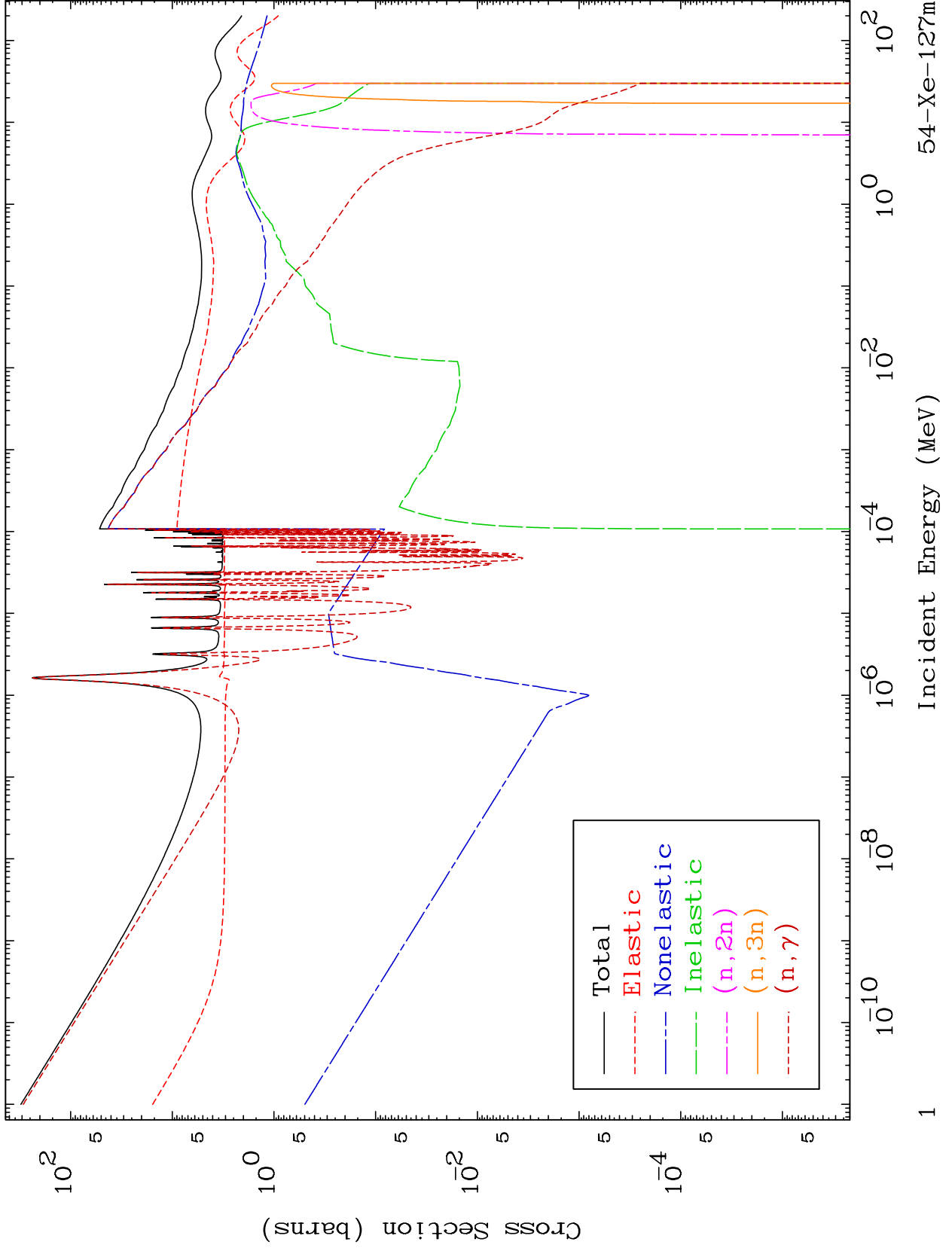
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5435

Neutron Major  
293 Kelvin Cross Sections

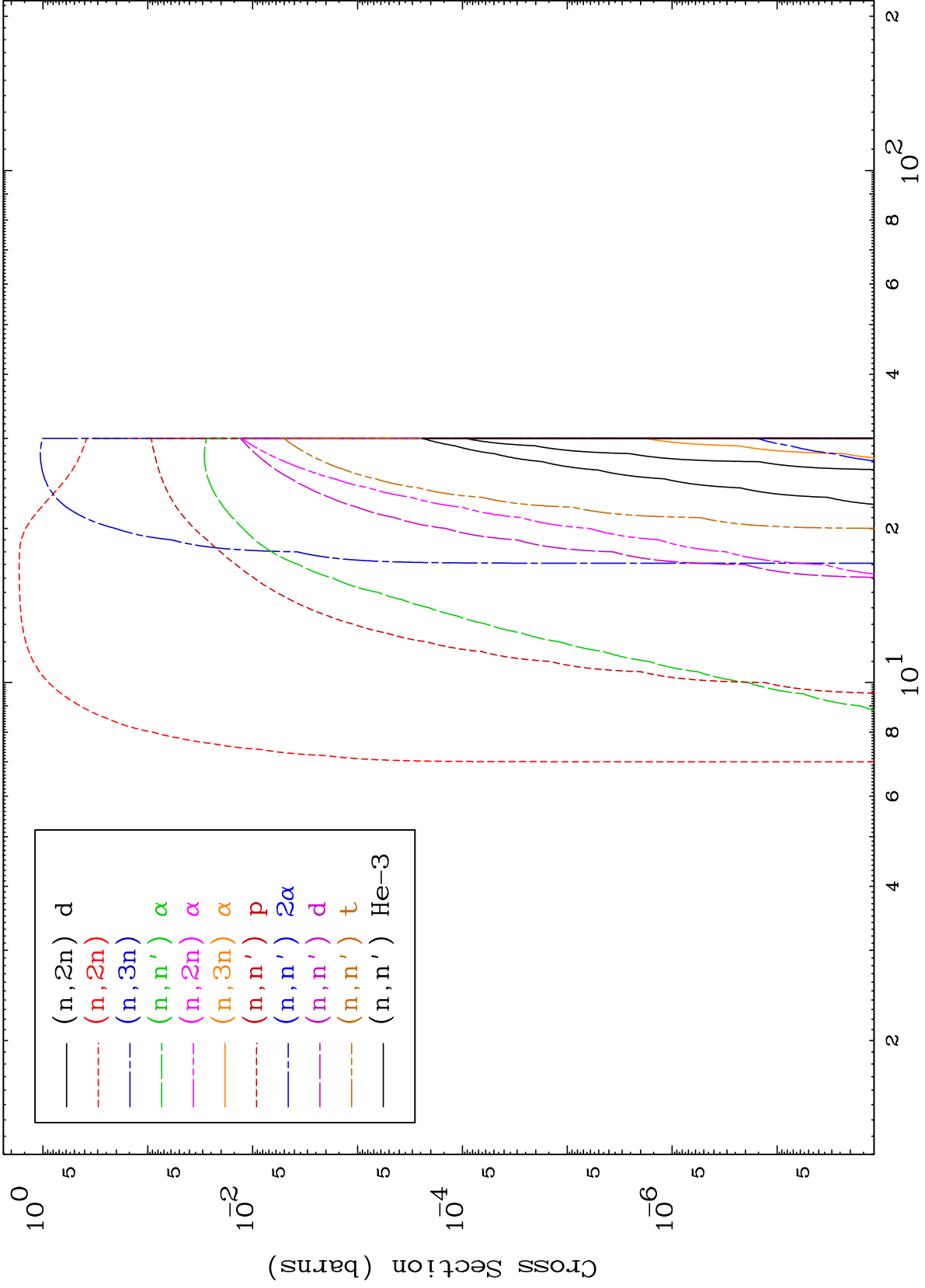
54-Xe-127m

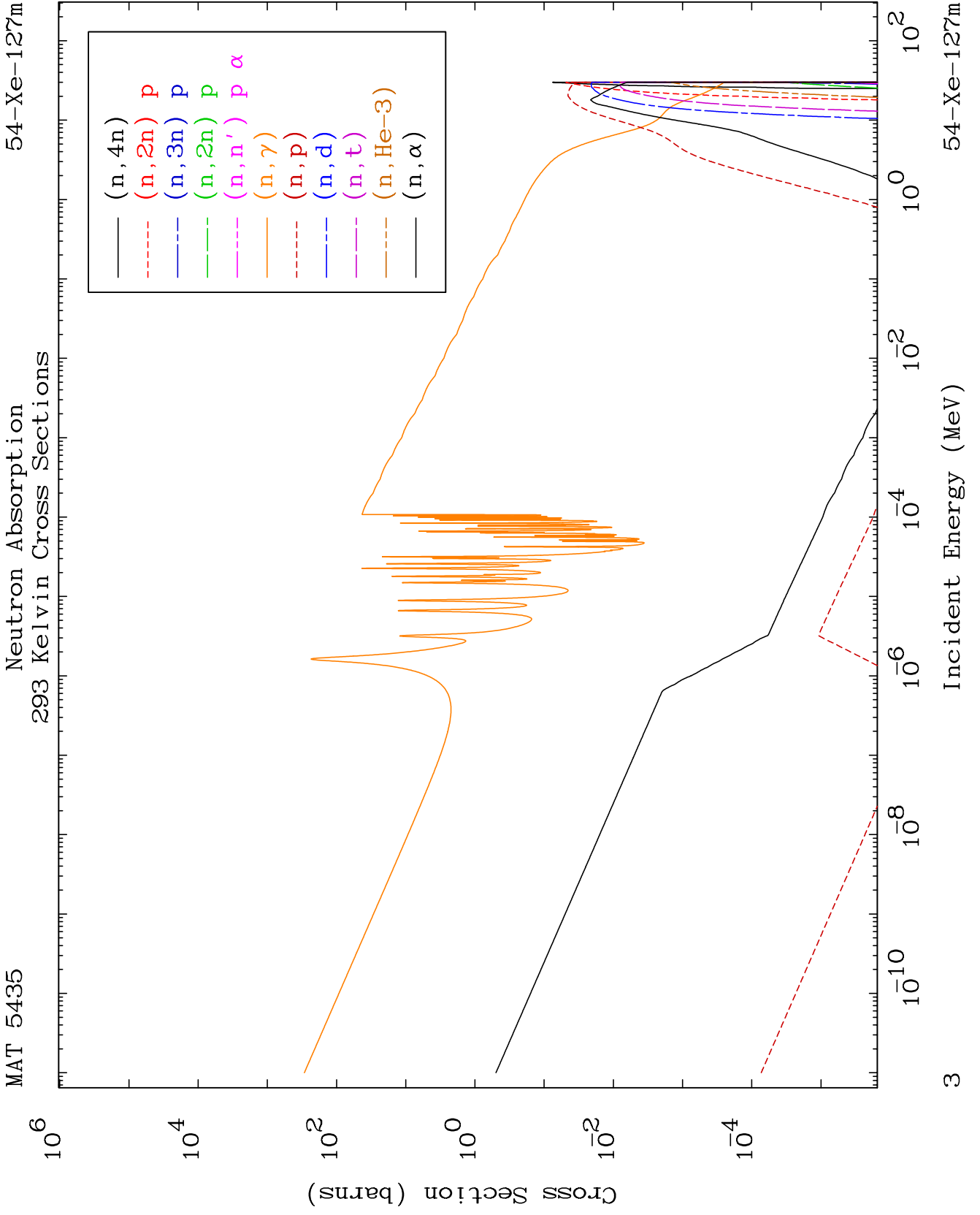


MAT 5435

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-127m

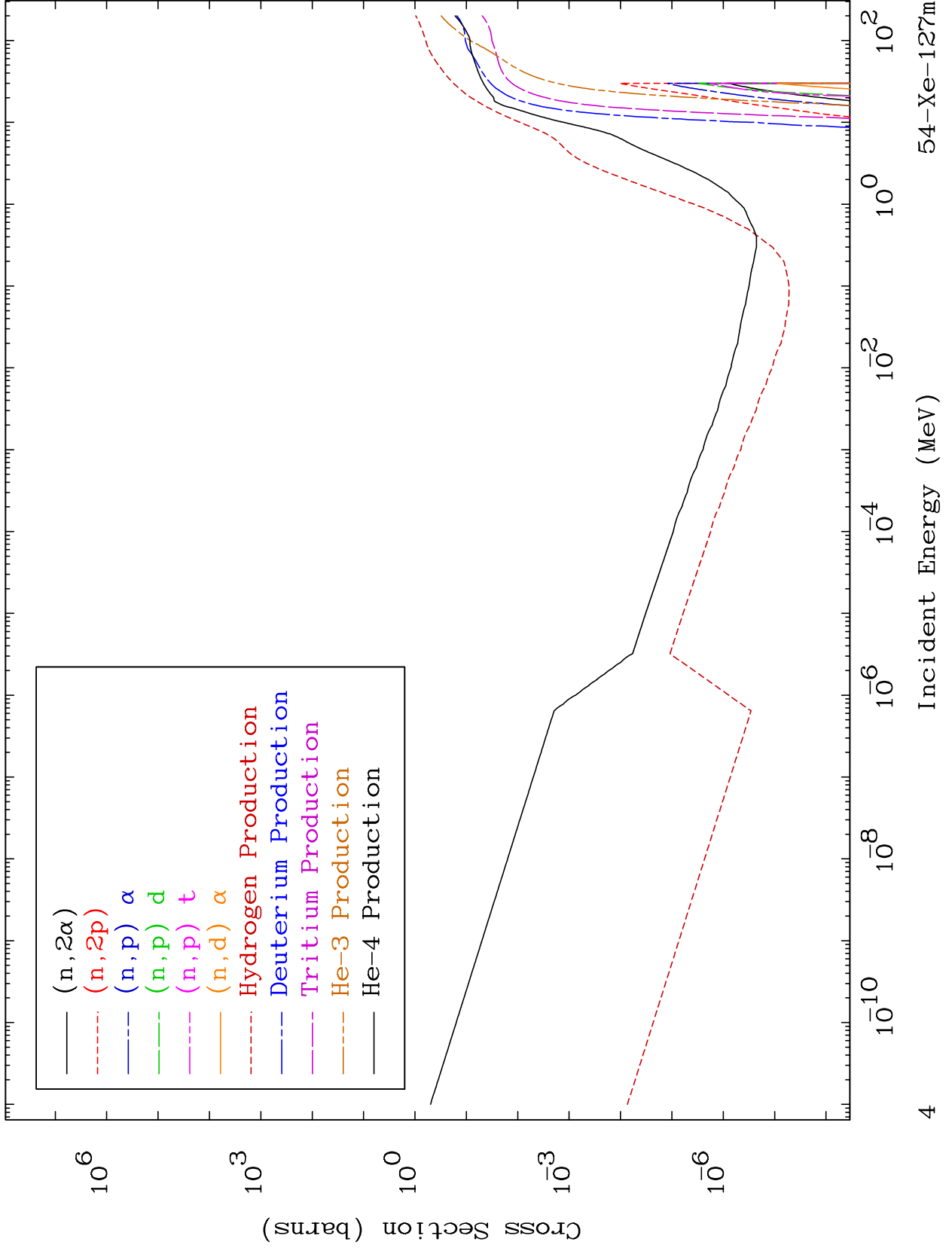




MAT 5435

Neutron Absorption  
293 Kelvin Cross Sections

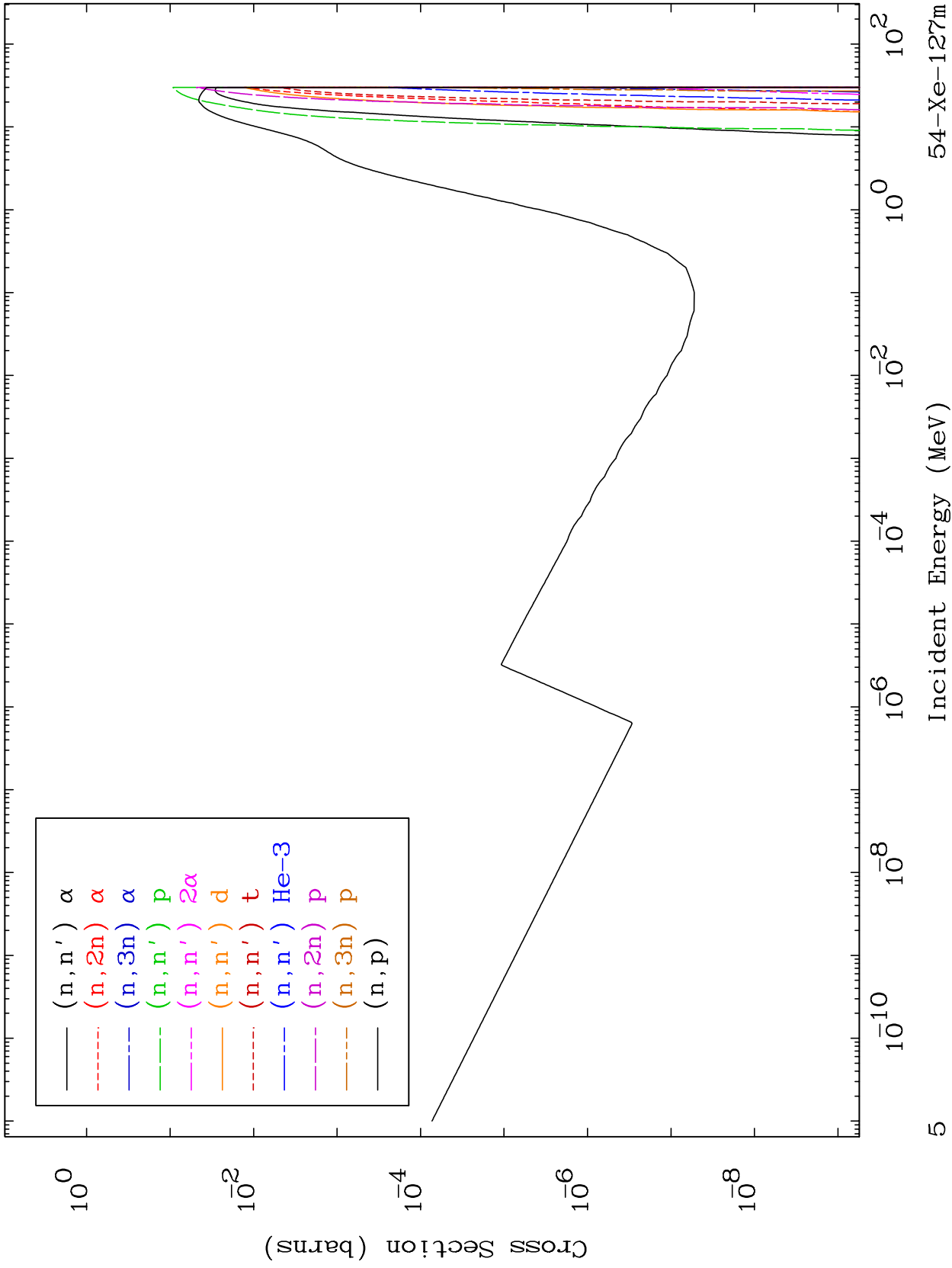
54-Xe-127m



MAT 5435

Charged Particle  
293 Kelvin Cross Sections

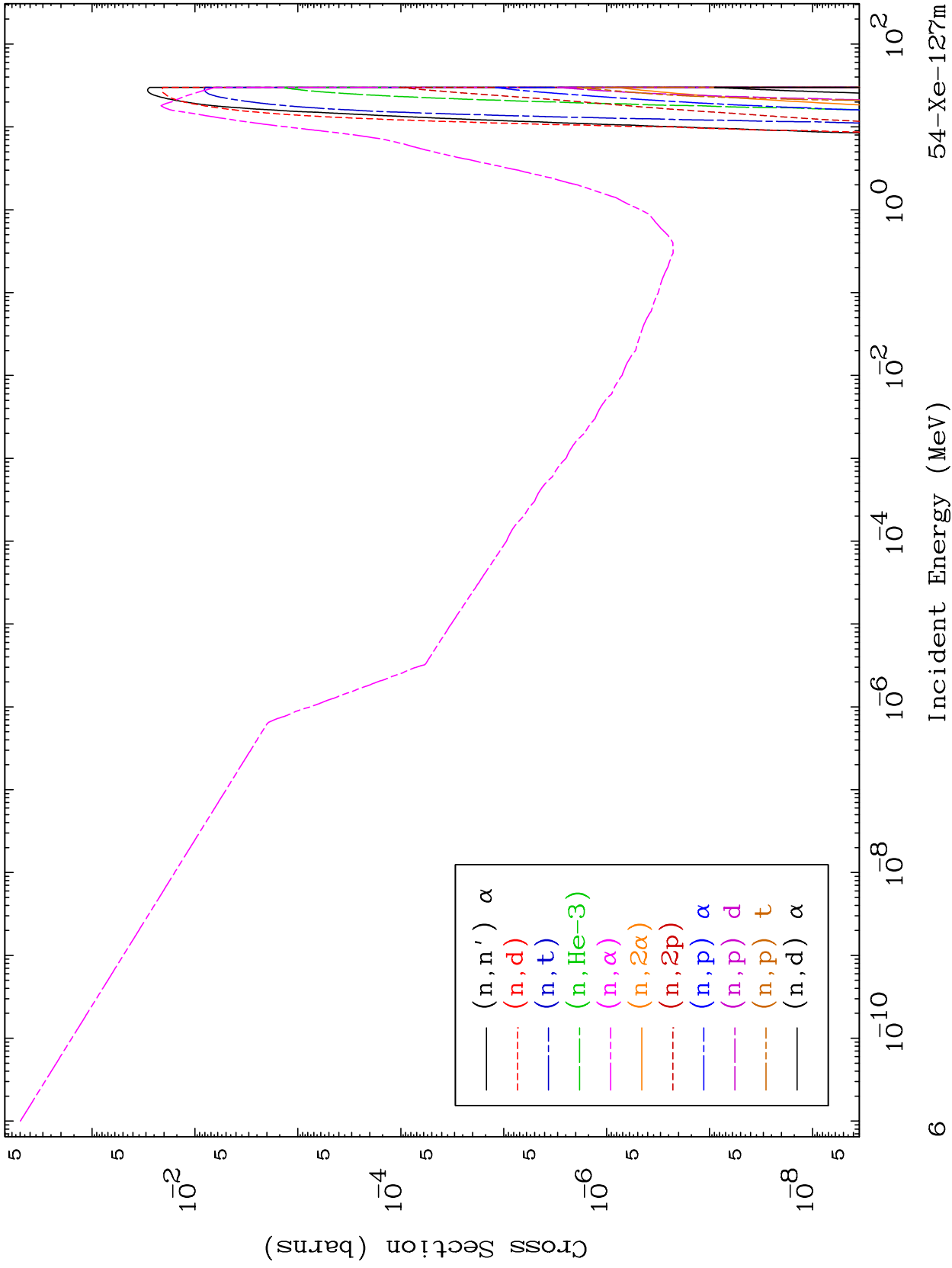
54-Xe-127m



MAT 5435

Charged Particle  
293 Kelvin Cross Sections

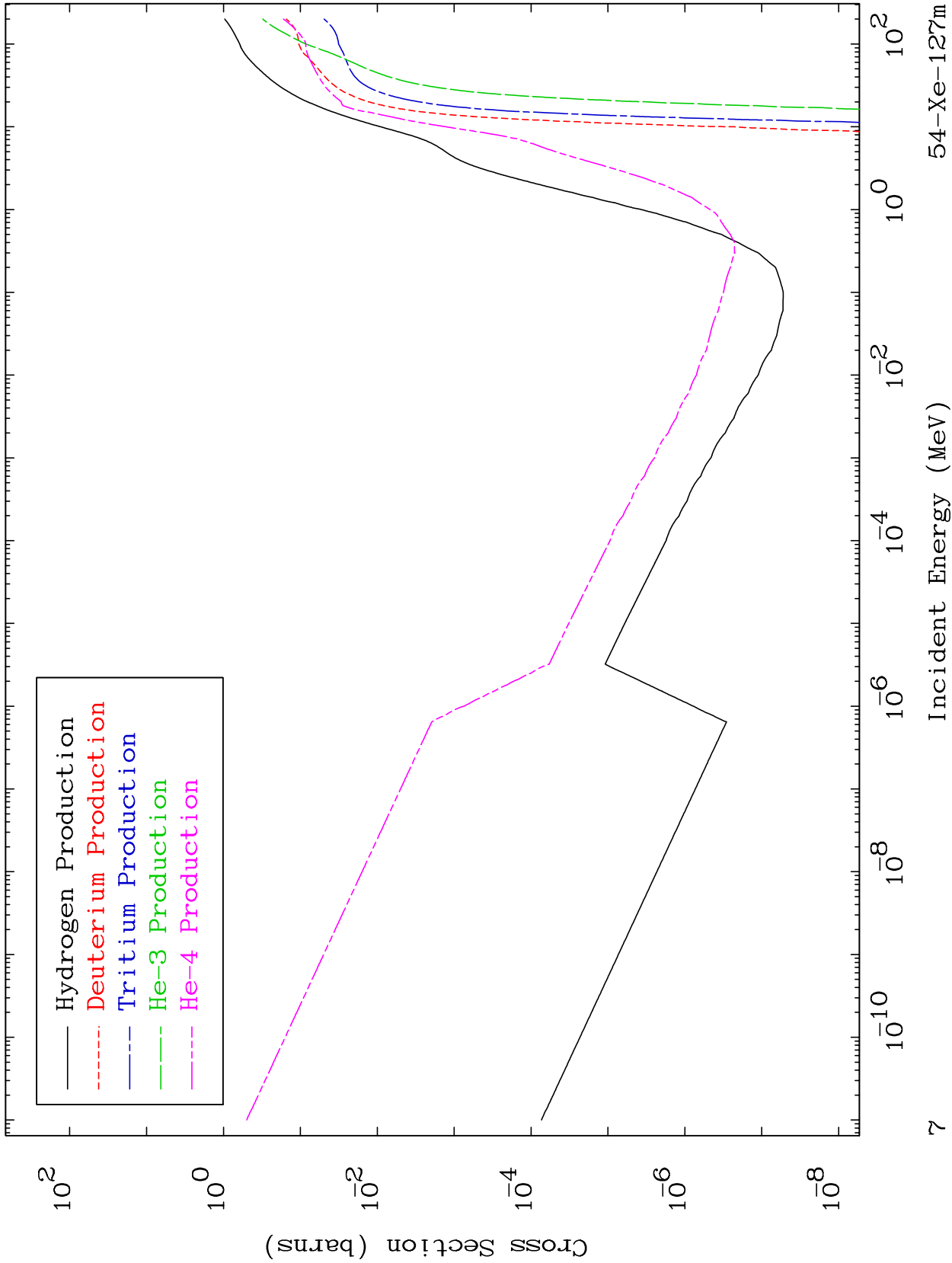
54-Xe-127m



MAT 5435

Particle Production  
293 Kelvin Cross Sections

54-Xe-127m

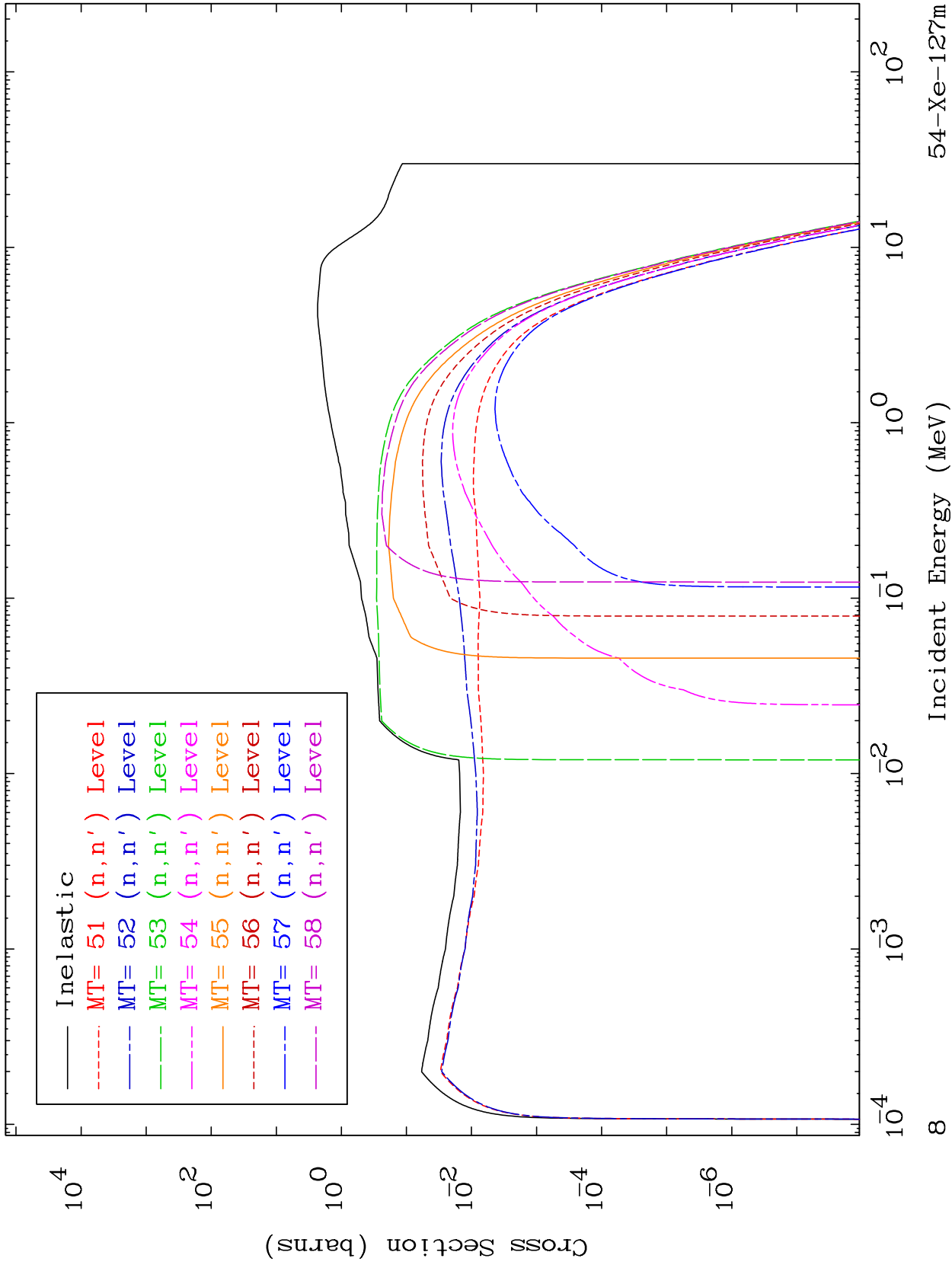




MAT 5435

(n,n') Levels  
293 Kelvin Cross Sections

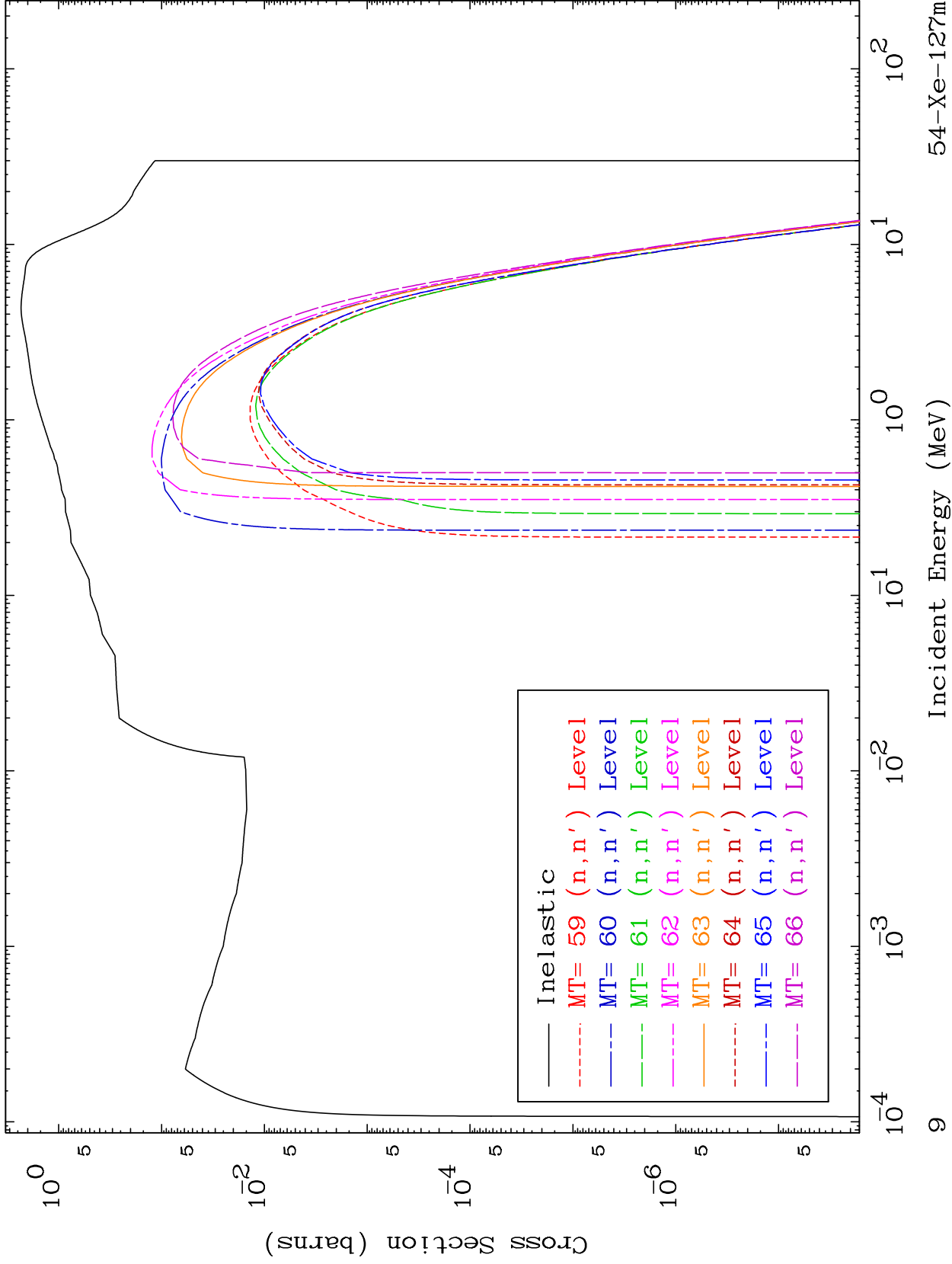
54-Xe-127m



MAT 5435

(n,n') Levels  
293 Kelvin Cross Sections

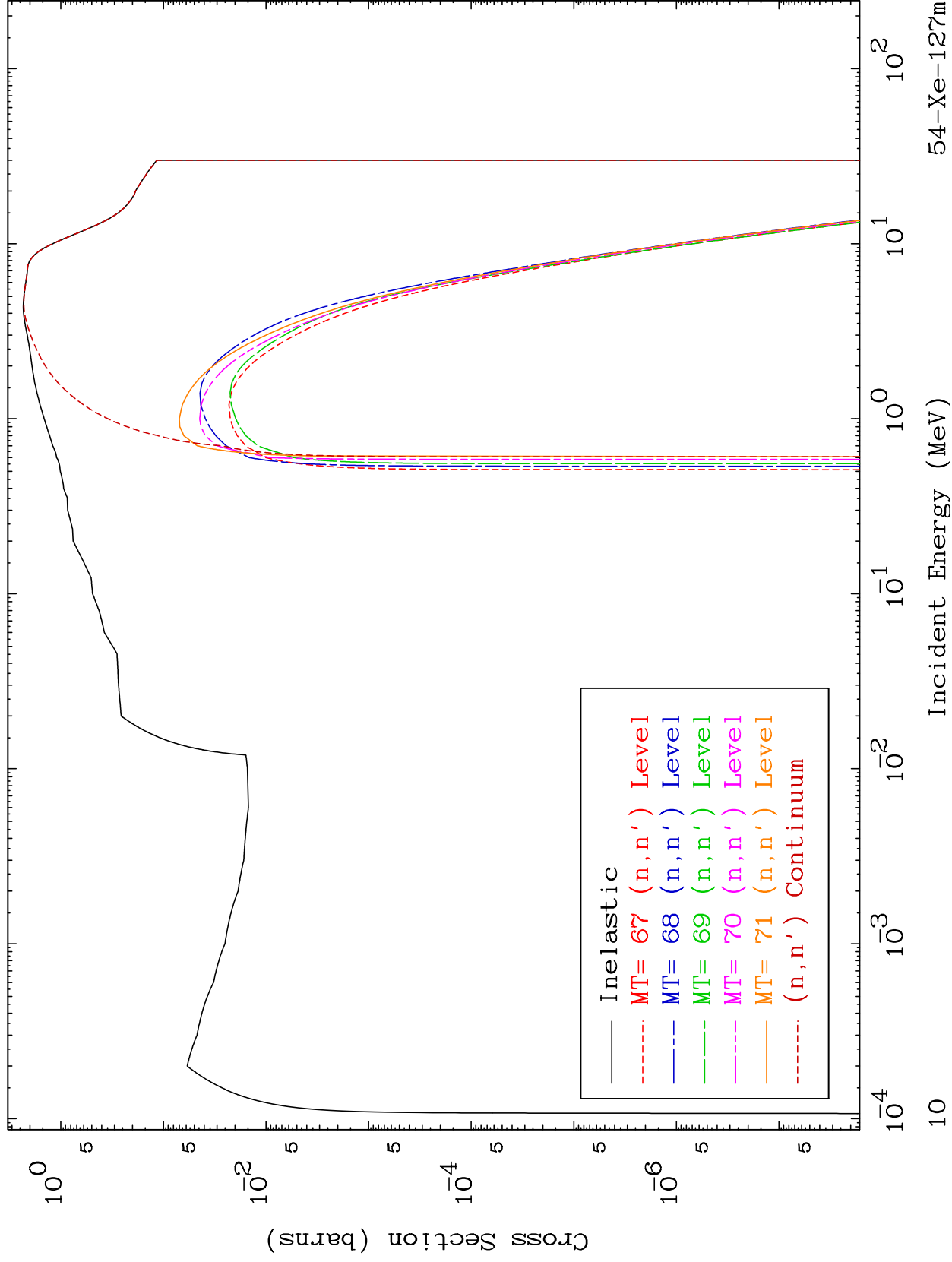
54-Xe-127m



MAT 5435

(n,n') Levels  
293 Kelvin Cross Sections

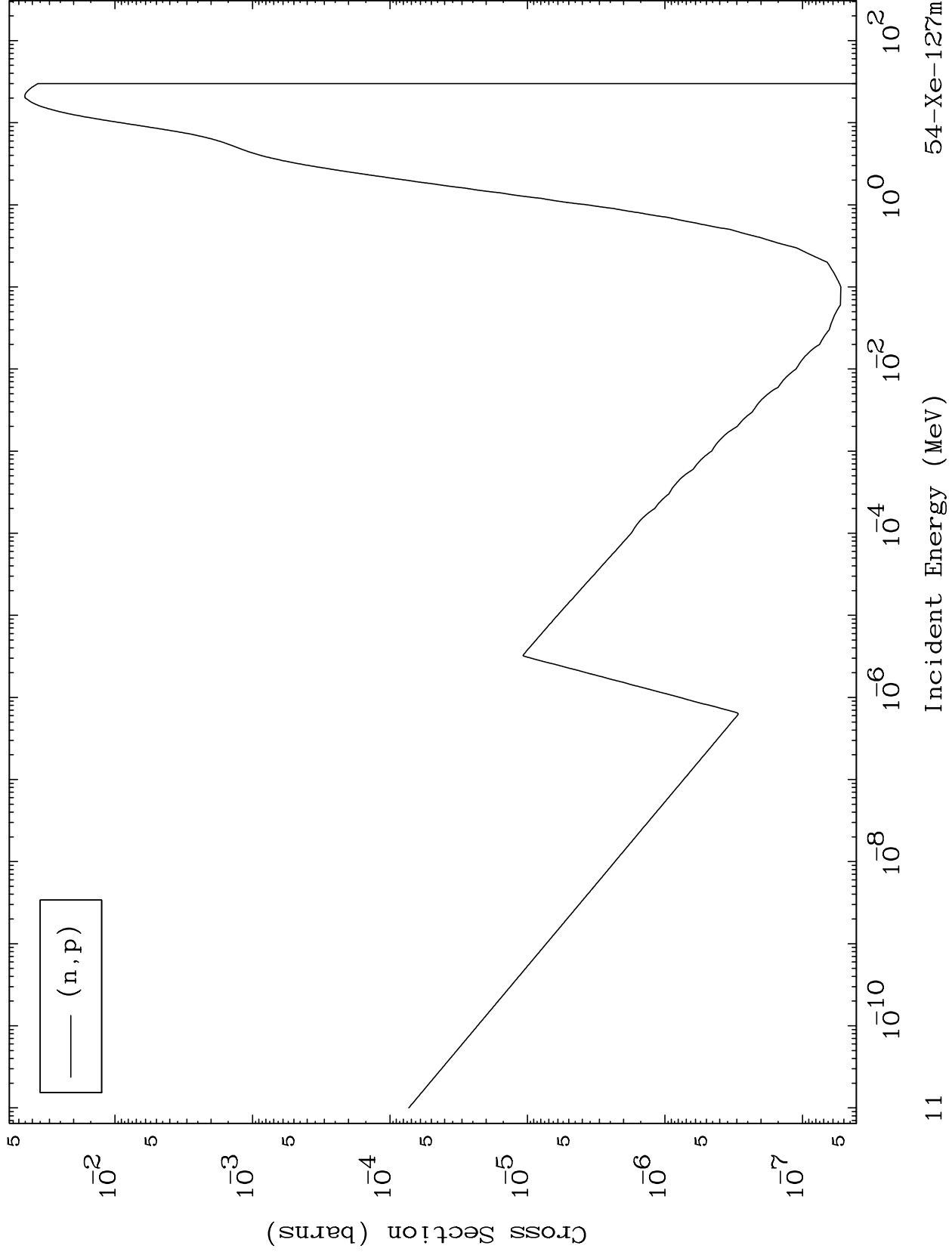
54-Xe-127m



MAT 5435

(n,p) Levels  
293 Kelvin Cross Sections

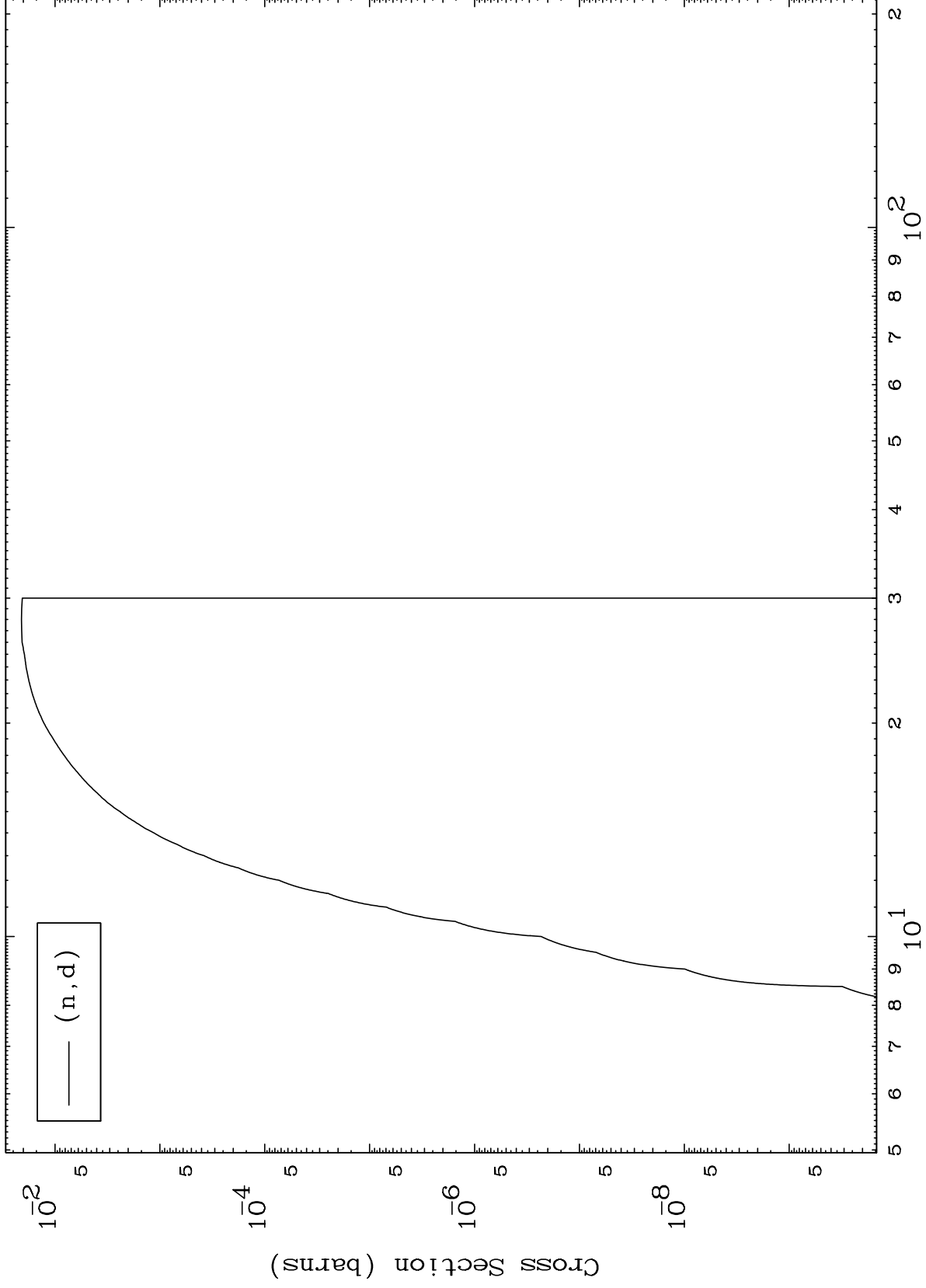
54-Xe-127m



MAT 5435

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-127m



12

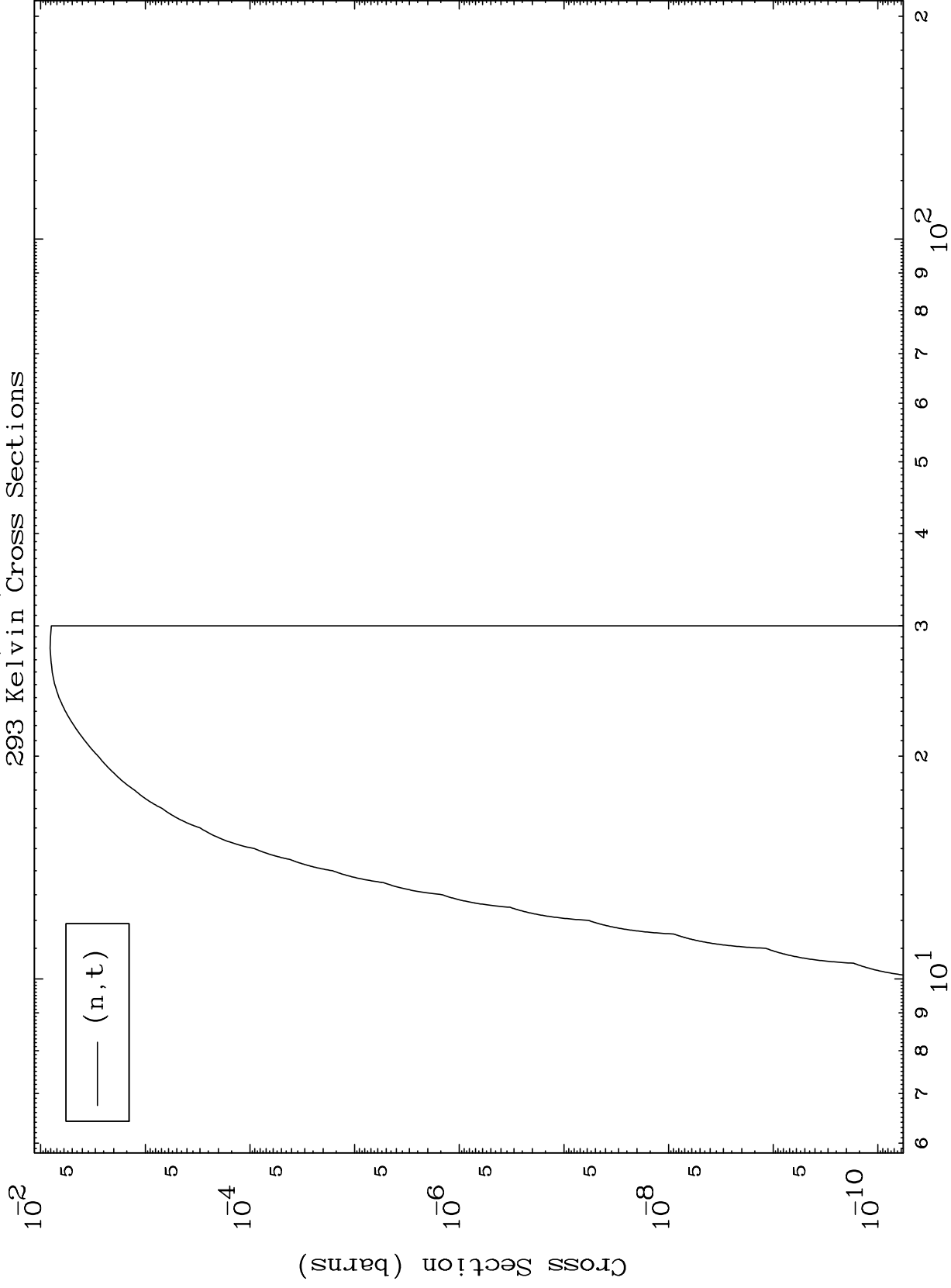
Incident Energy (MeV)

54-Xe-127m

MAT 5435

(n, t) Levels  
293 Kelvin Cross Sections

54-Xe-127m



13

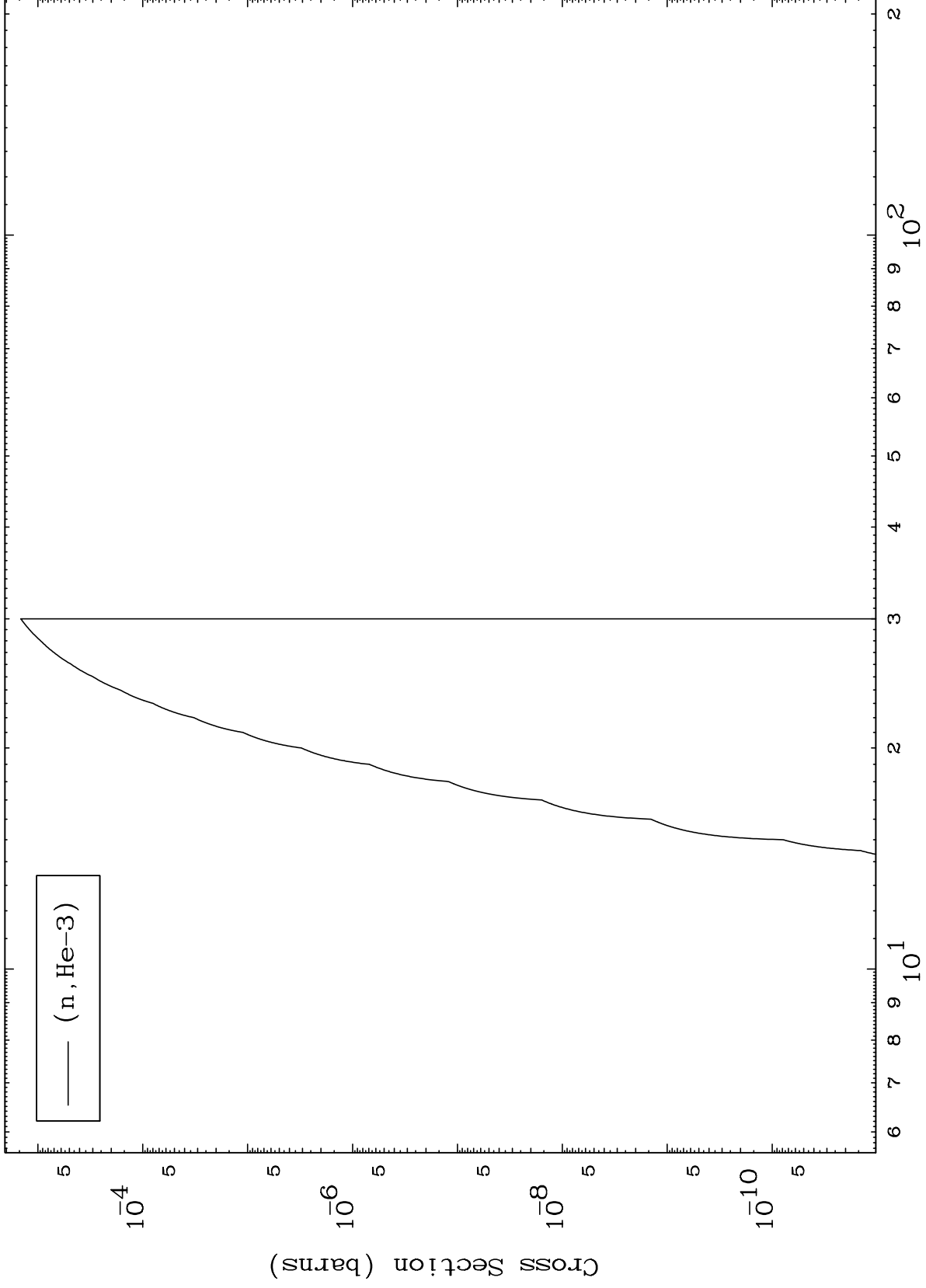
Incident Energy (MeV)

54-Xe-127m

MAT 5435

(n,He3) Levels  
293 Kelvin Cross Sections

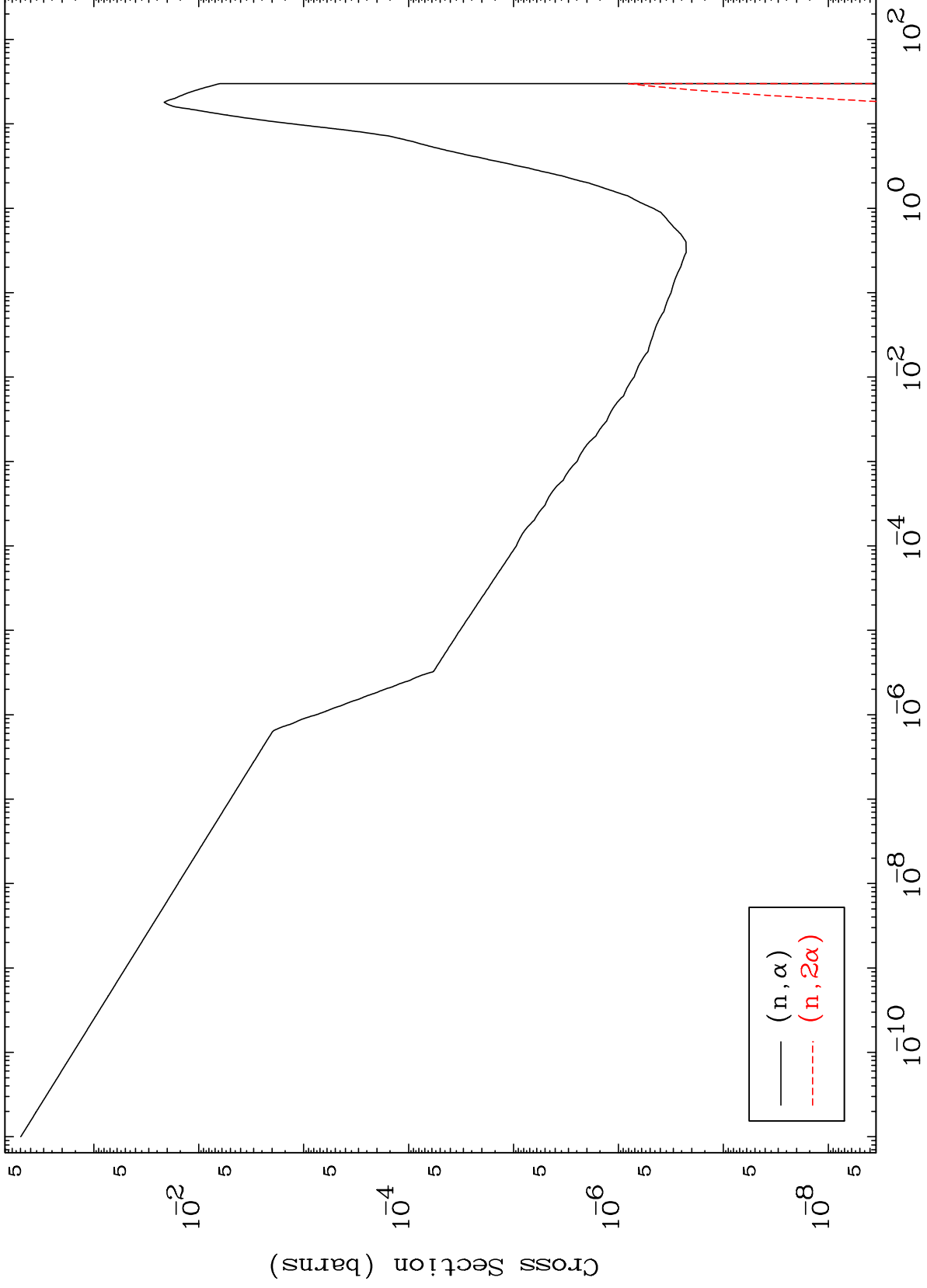
54-Xe-127m



MAT 5435

(n,α) Levels  
293 Kelvin Cross Sections

54-Xe-127m



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Incident Energy (MeV)

54-Xe-127m

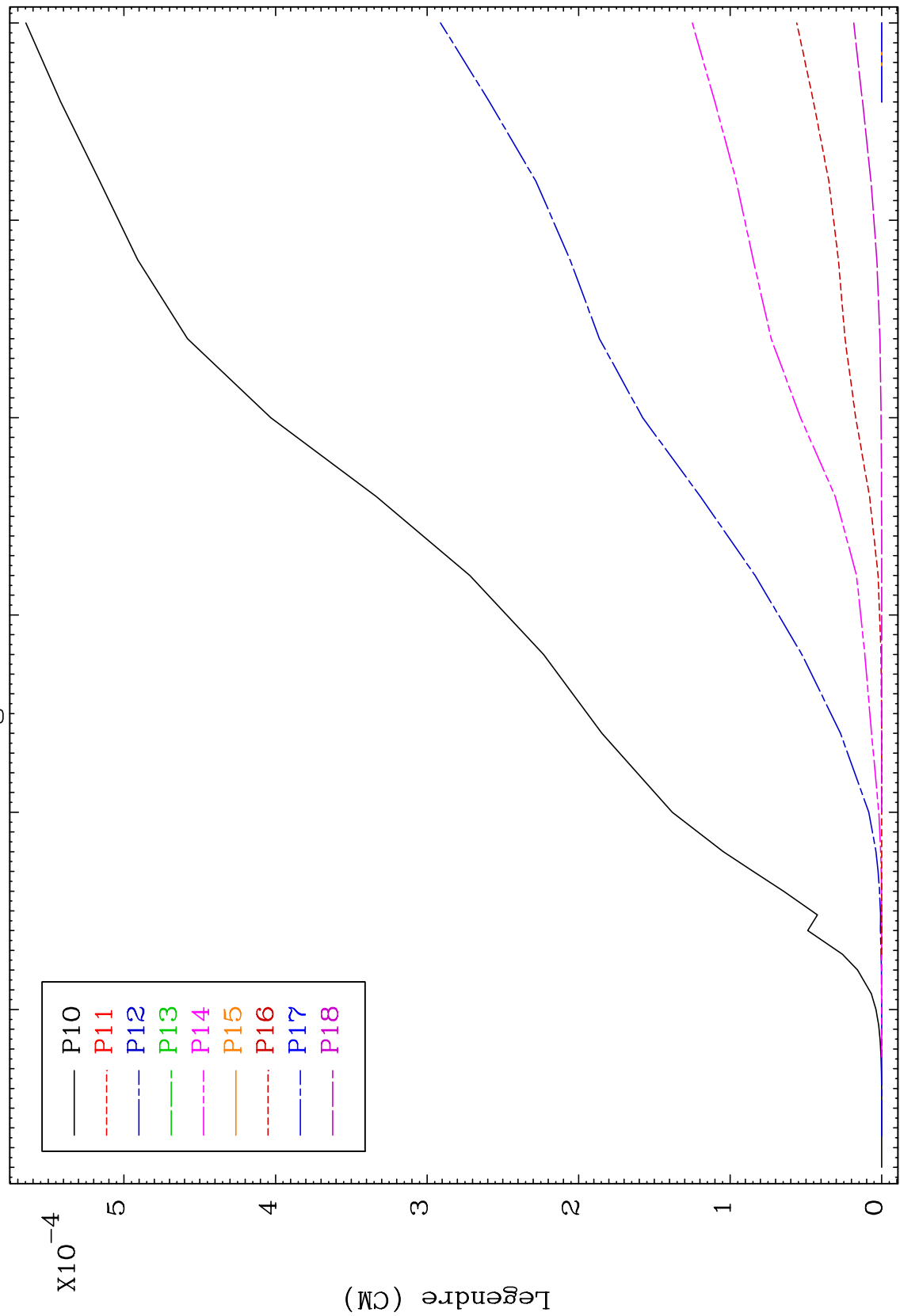




MAT 5435

Elastic Legendre Coefficients

54-Xe-127m



17

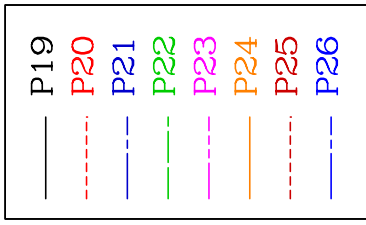
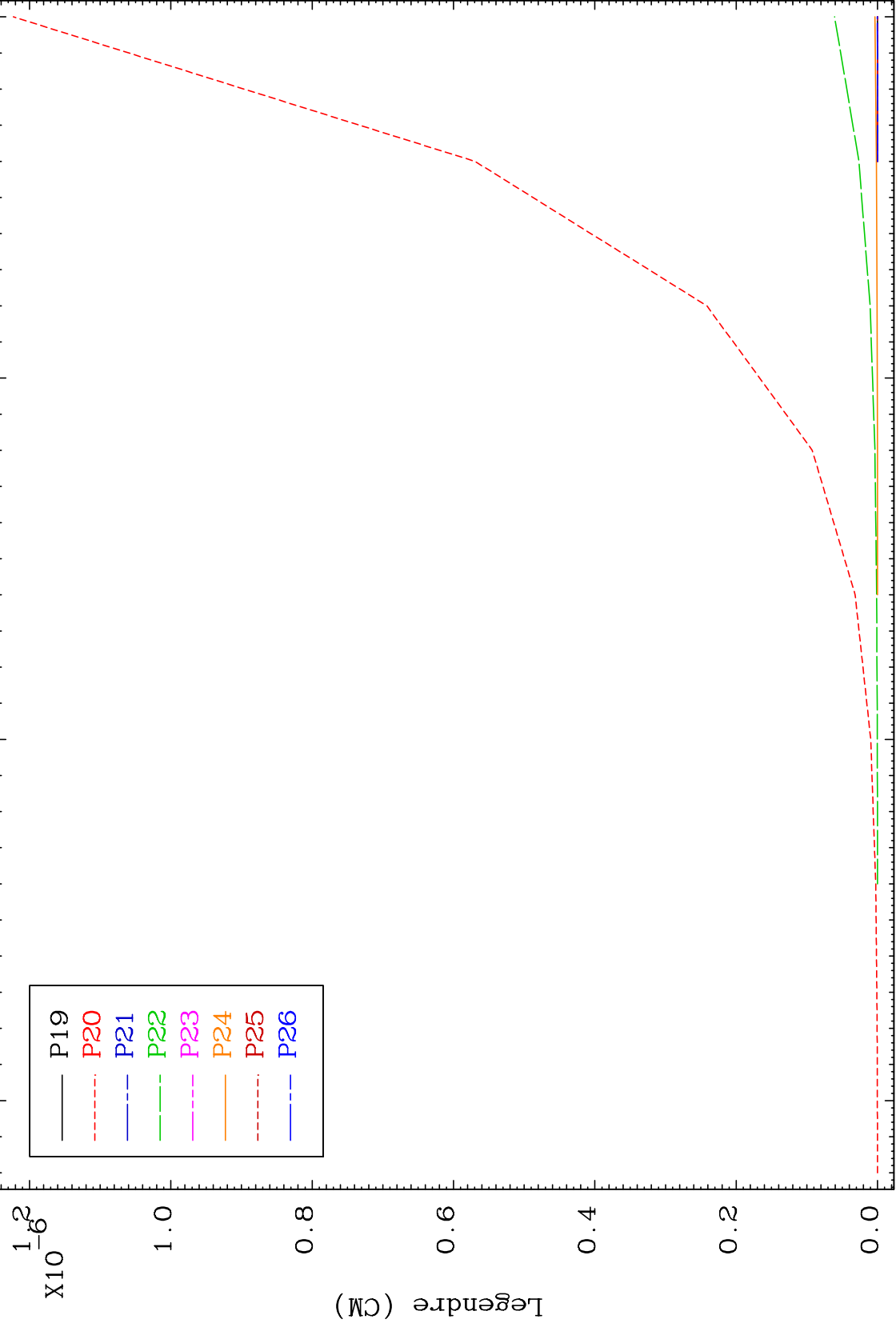
Incident Energy (MeV)

54-Xe-127m

MAT 5435

Elastic  
Legendre Coefficients

54-Xe-127m



18

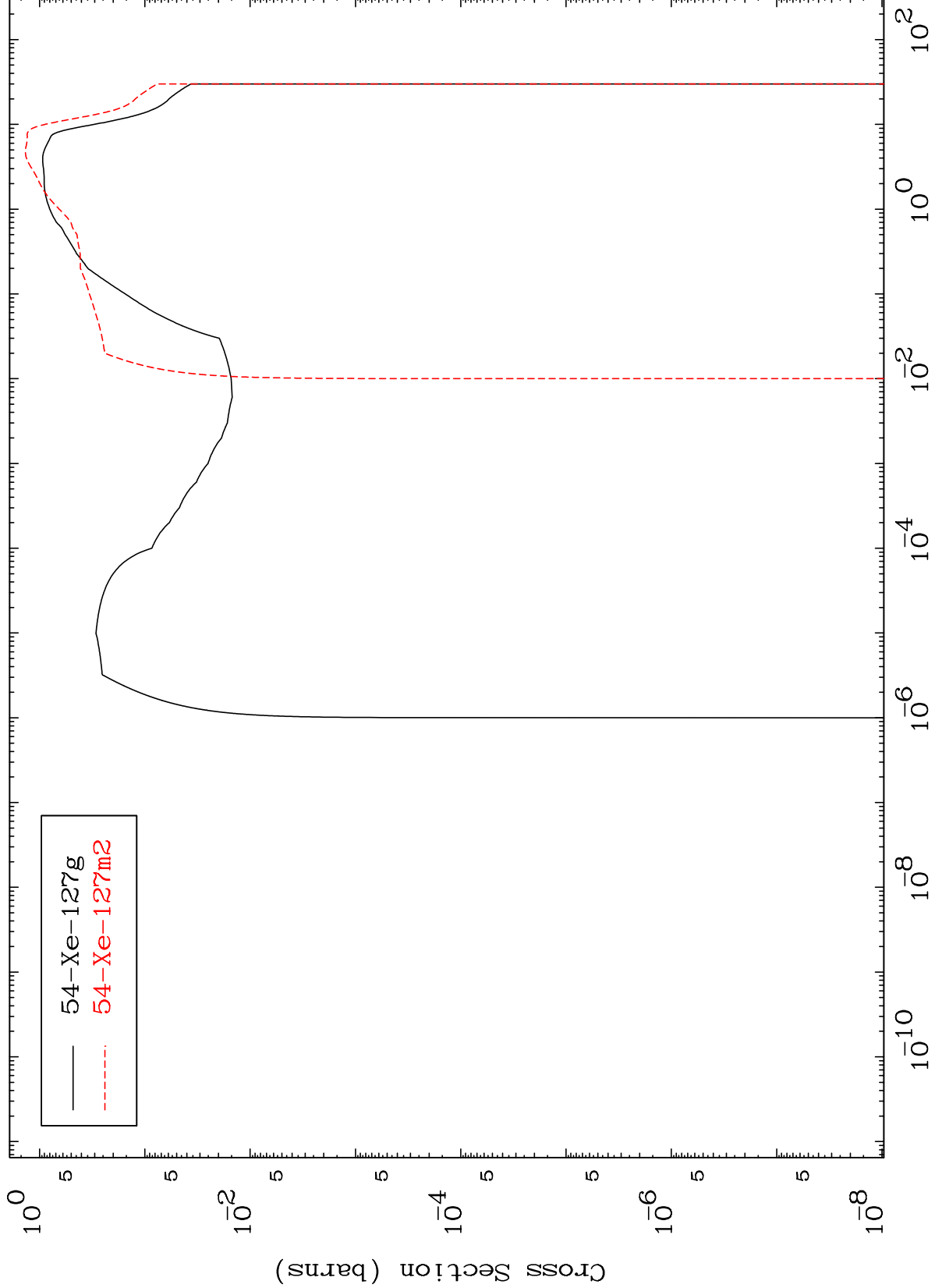
Incident Energy (MeV)

54-Xe-127m

MAT 5435

Inelastic  
Radionuclide Production Cross Section

54-Xe-127m

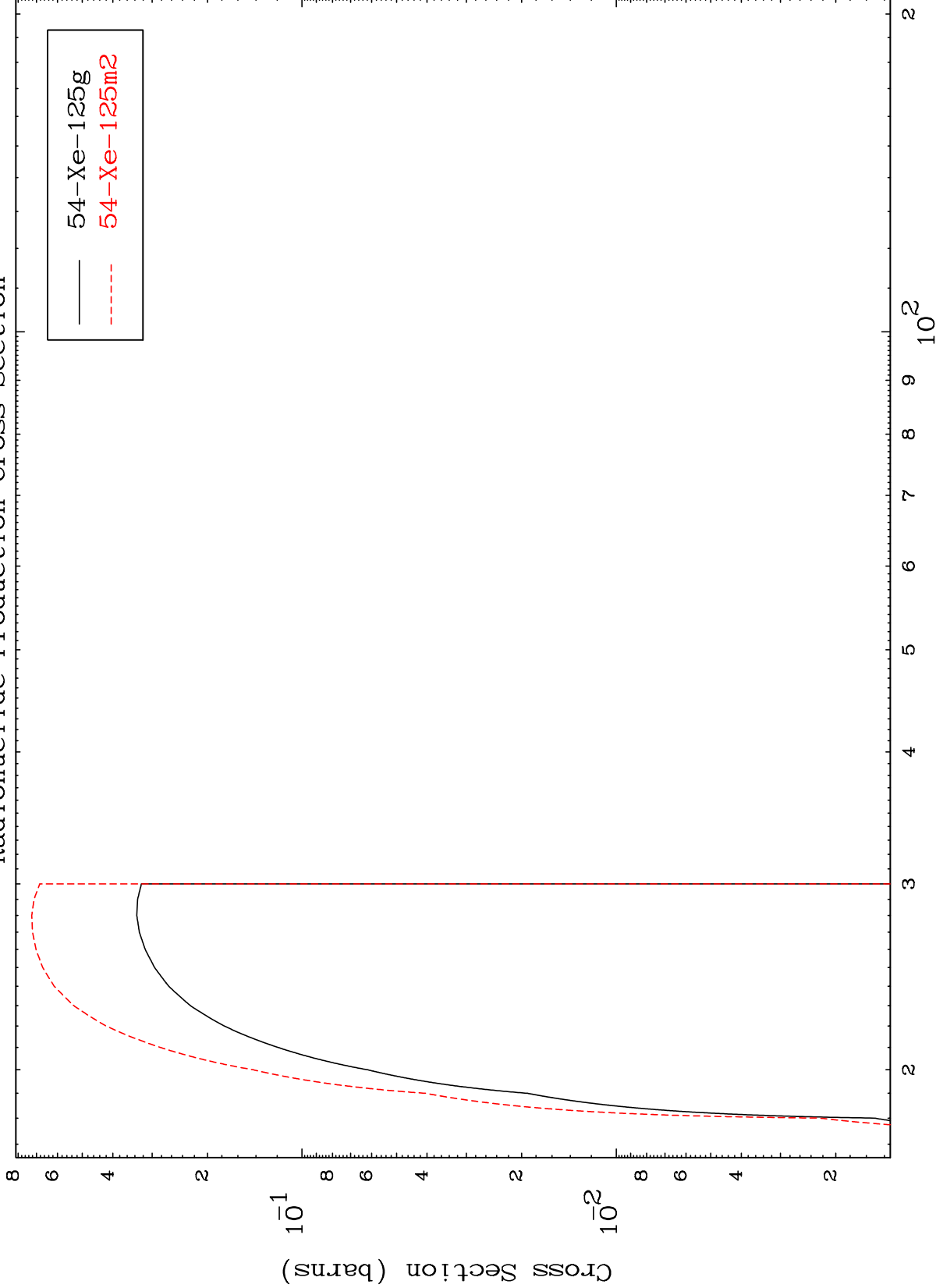


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(n,3n)

54-Xe-127m

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-127m

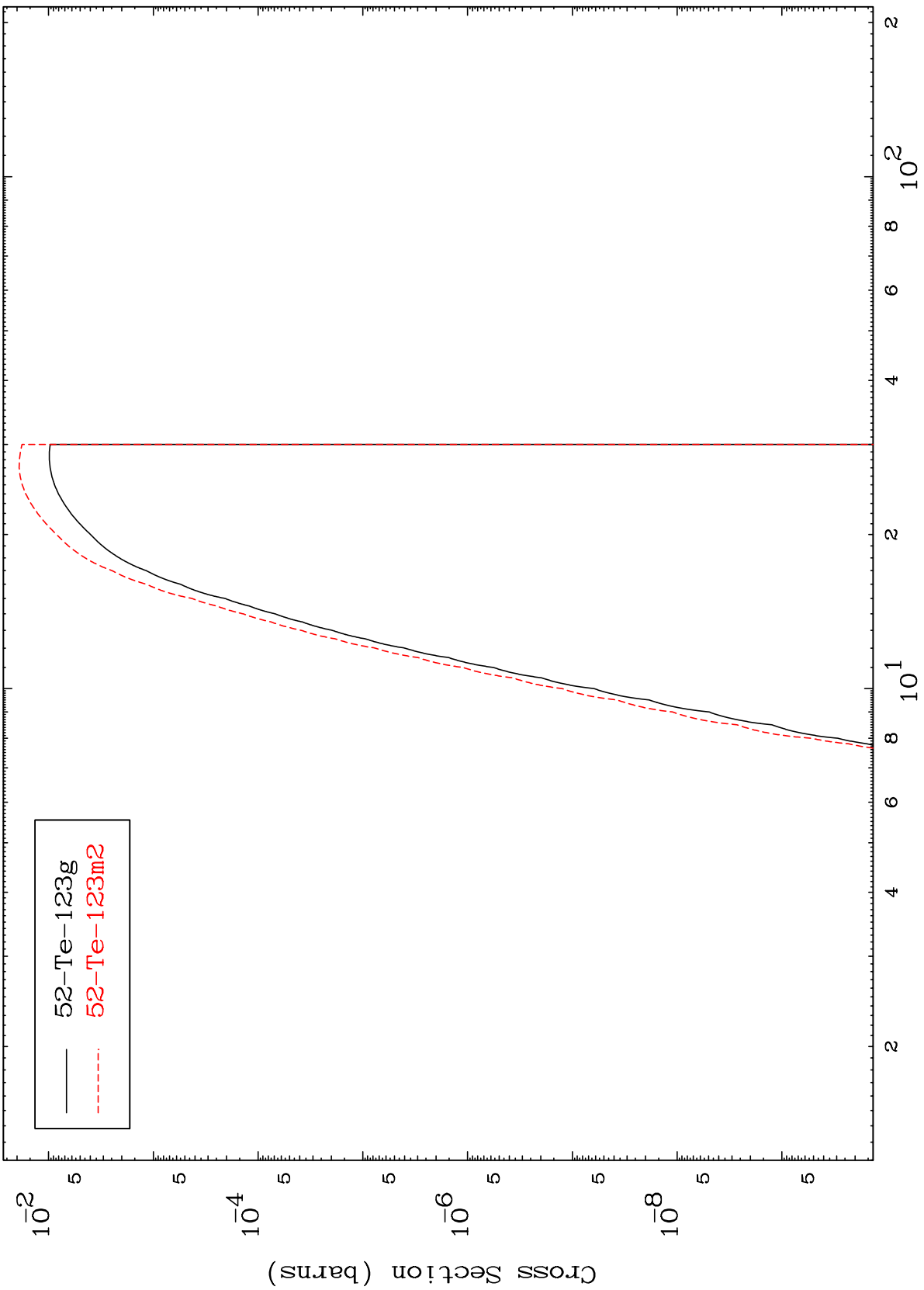
20

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(n,n')  $\alpha$

54-Xe-127m

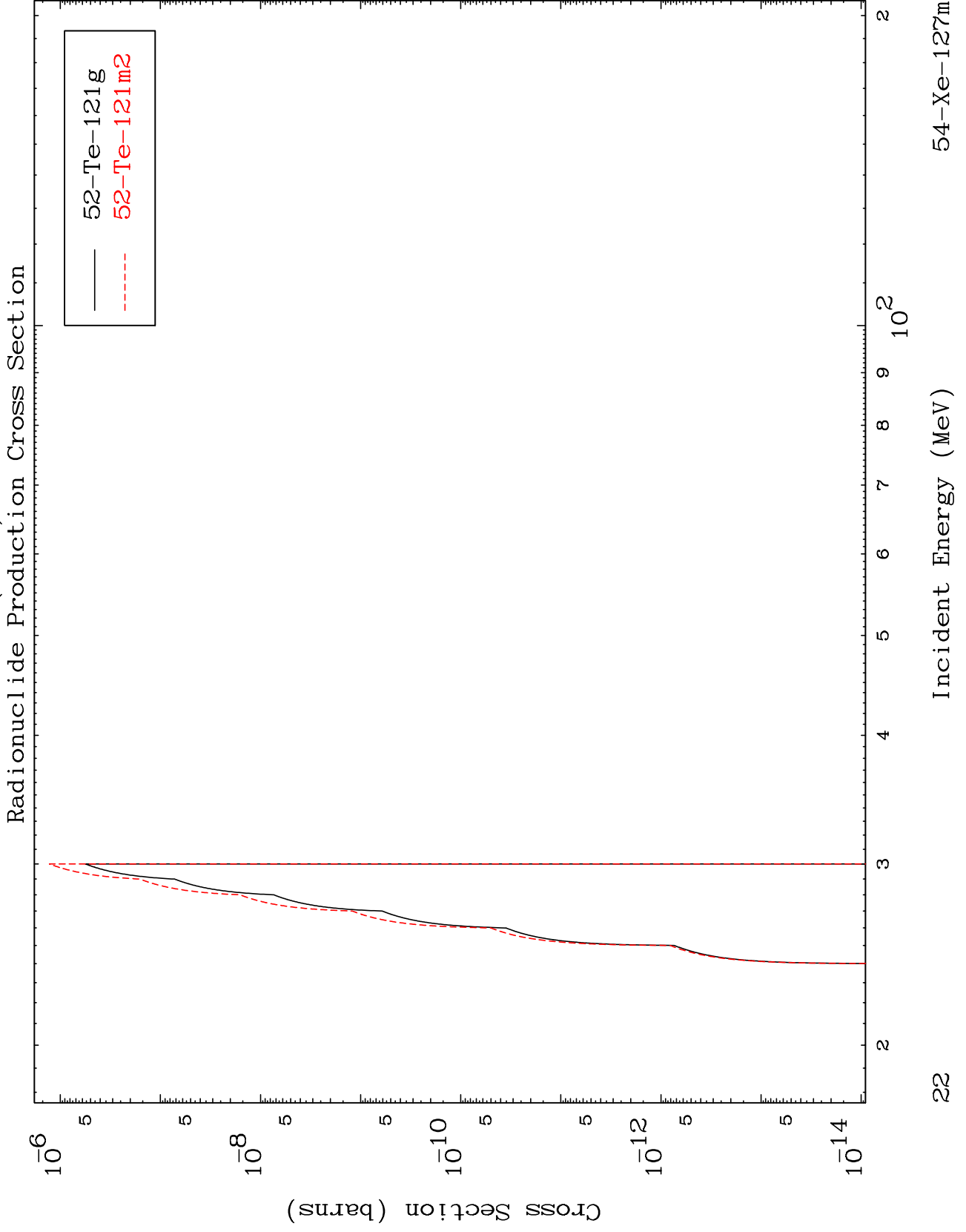
Radionuclide Production Cross Section



MAT 5435

(n,3n)  $\alpha$

54-Xe-127m

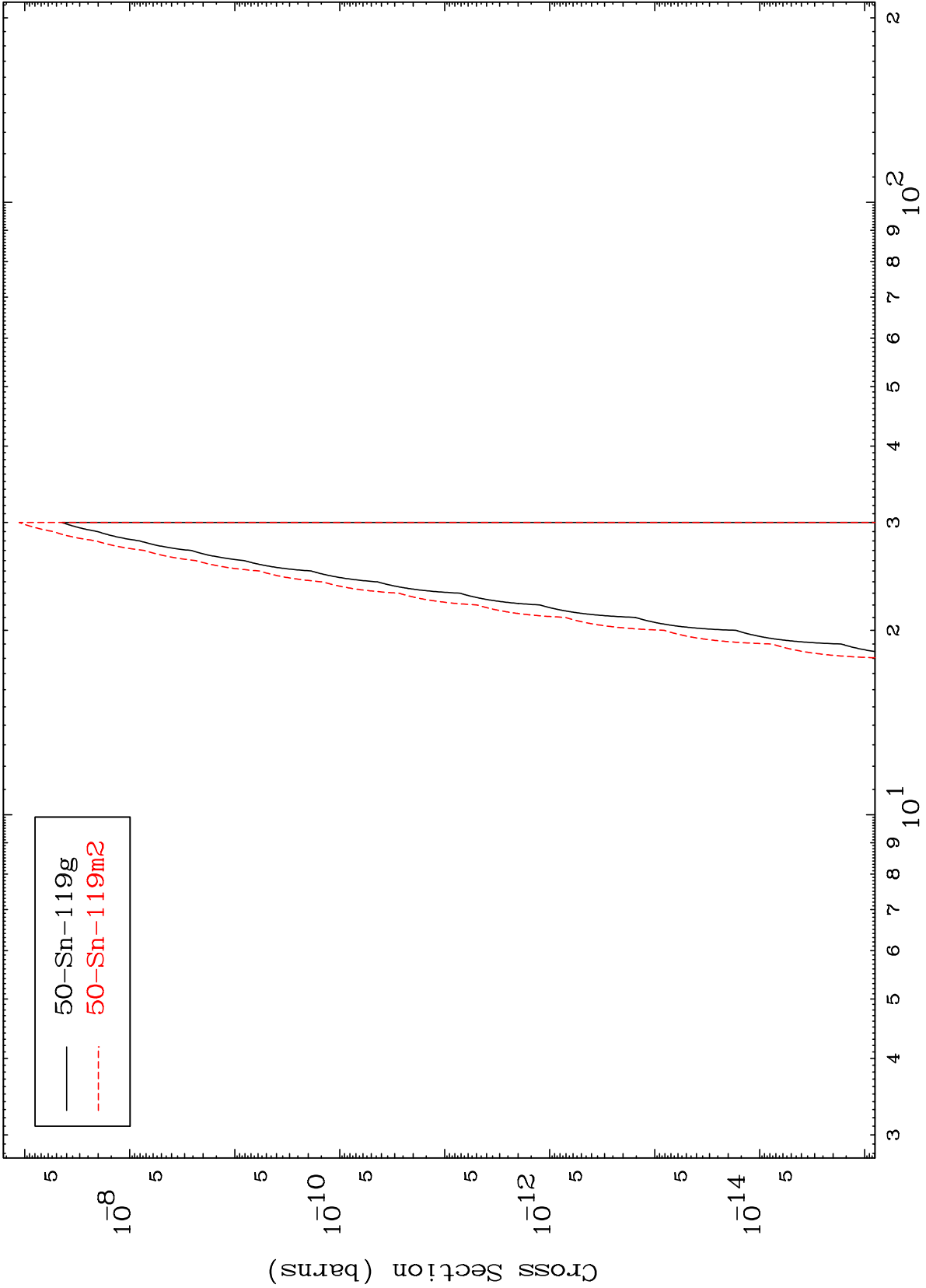


MAT 5435

(n,n') 2α

54-Xe-127m

Radionuclide Production Cross Section



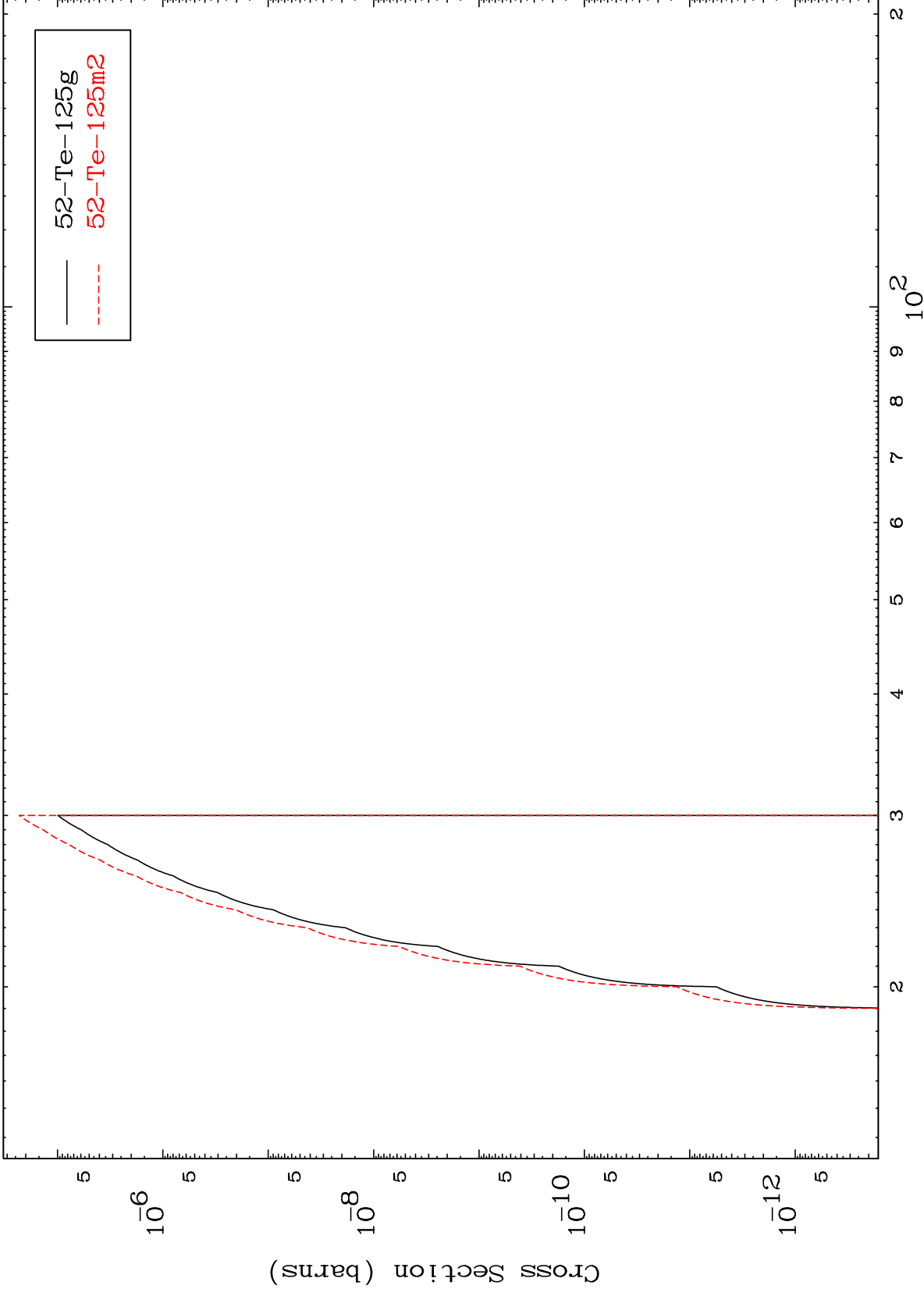


MAT 5435

(n,2n) p

54-Xe-127m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

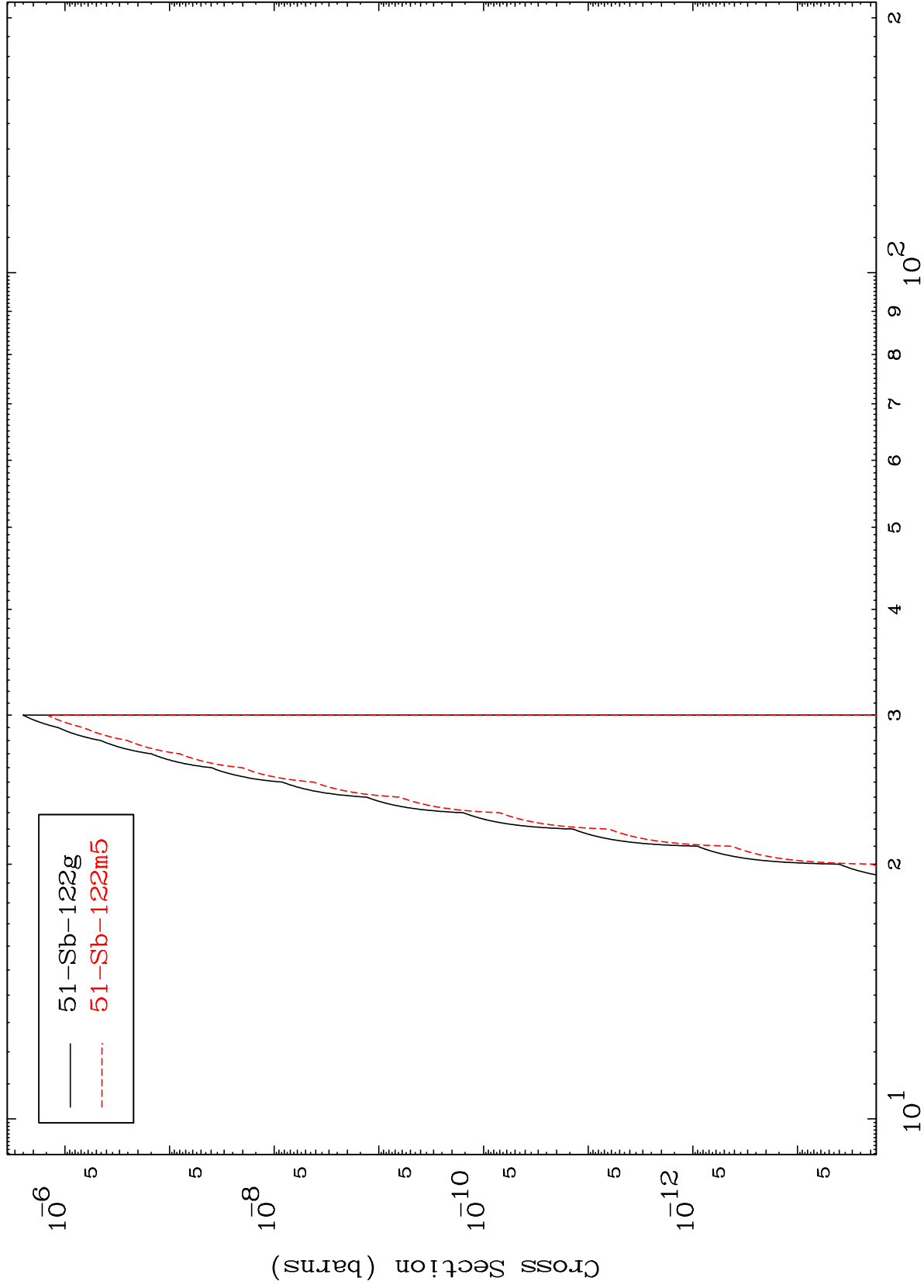
54-Xe-127m

MAT 5435

(n,n') p  $\alpha$

54-Xe-127m

Radionuclide Production Cross Section



25

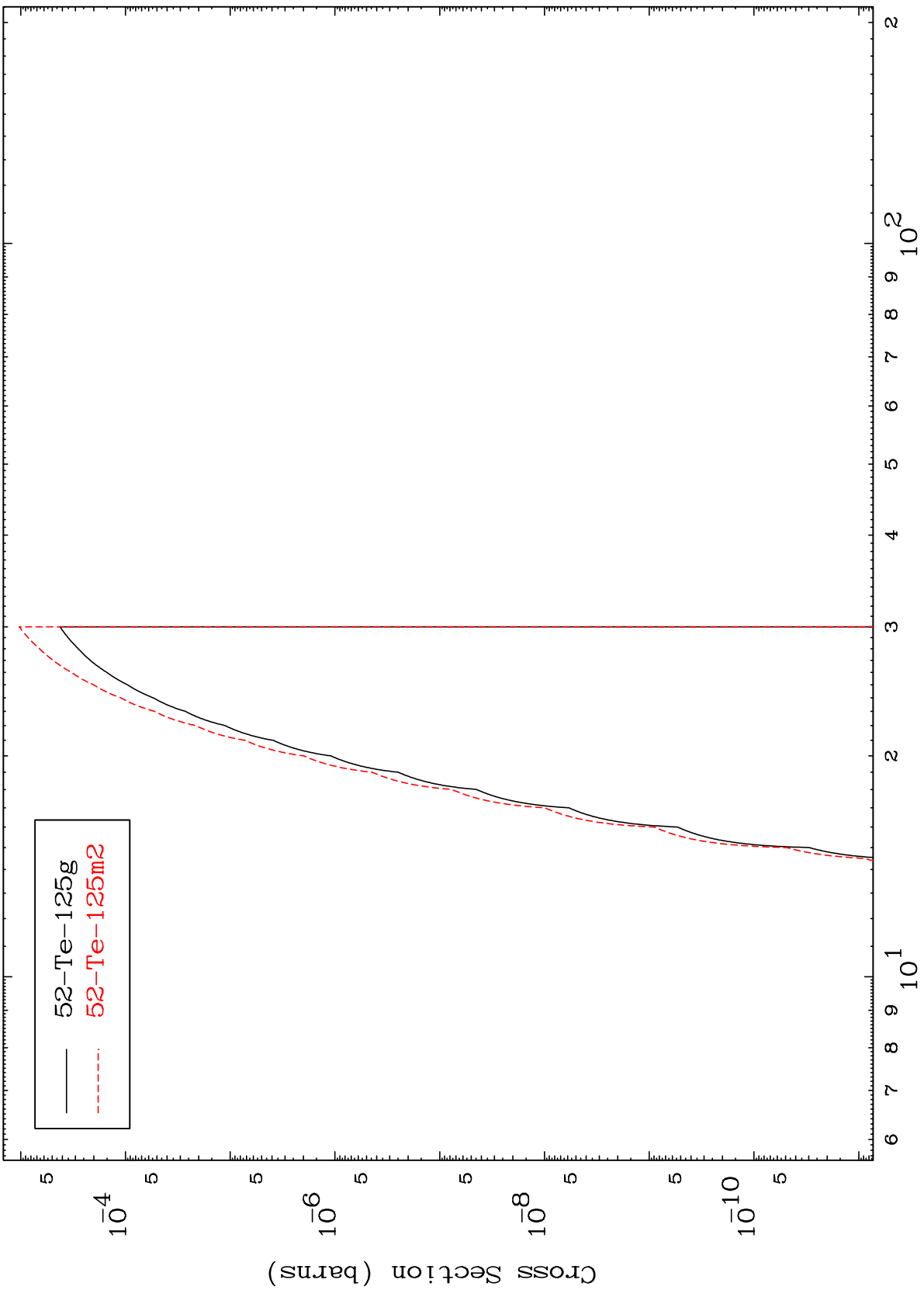
Incident Energy (MeV)

54-Xe-127m

MAT 5435

54-Xe-127m

Radionuclide Production Cross Section (n,He-3)



26

Incident Energy (MeV)

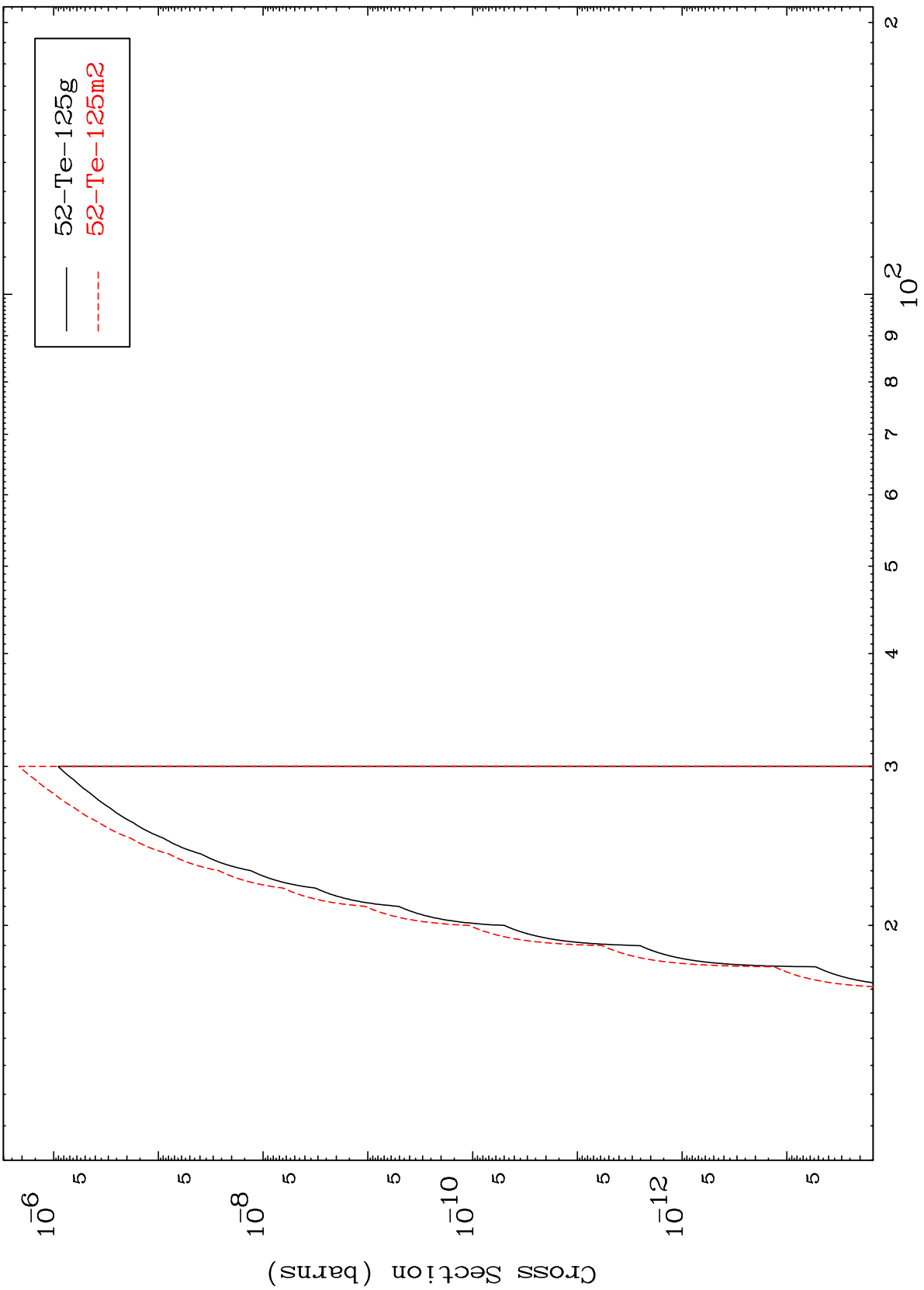
54-Xe-127m

MAT 5435

(n,p) d

54-Xe-127m

Radionuclide Production Cross Section



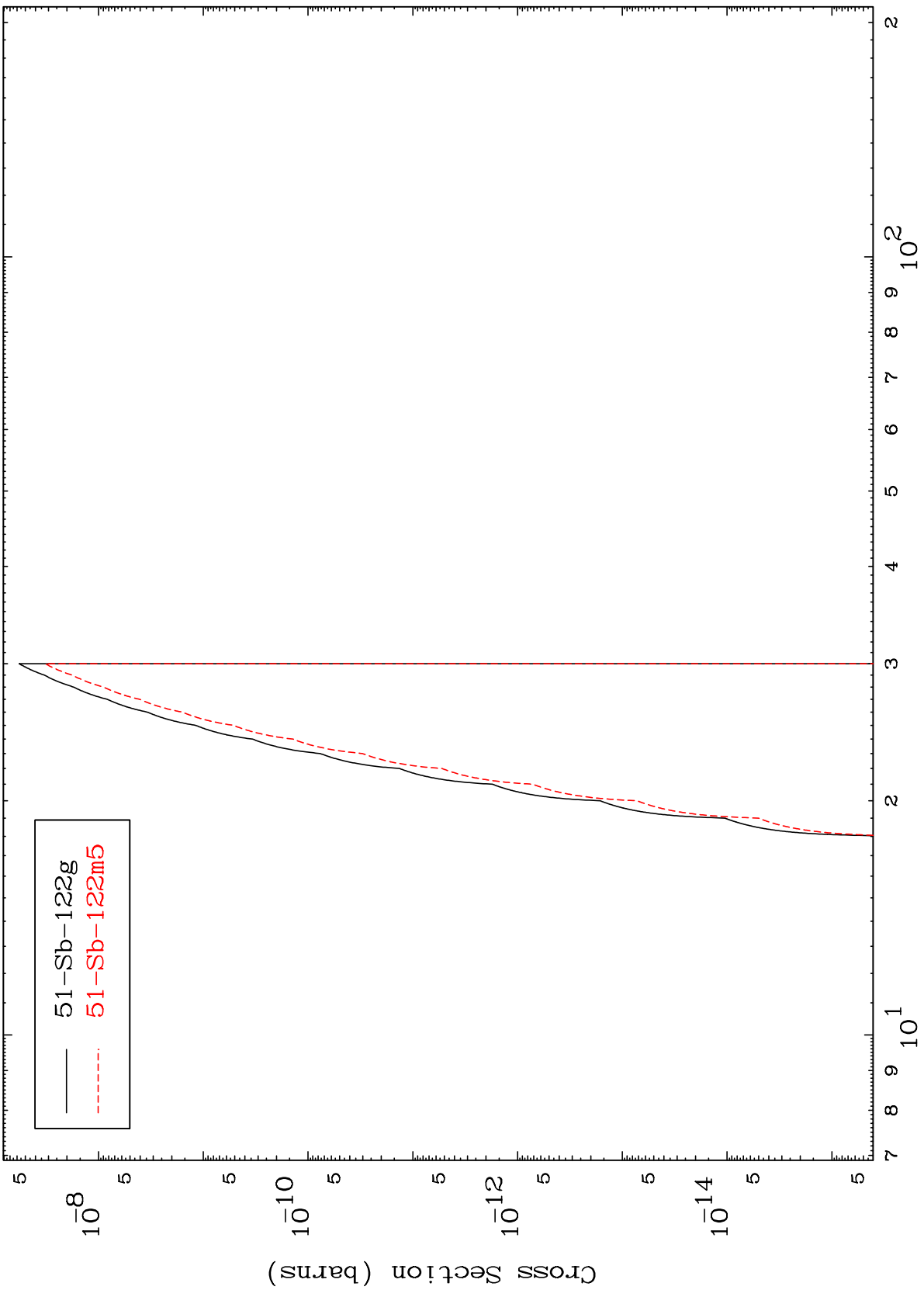
52-Te-125g  
52-Te-125m2

MAT 5435

54-Xe-127m

(n,d)  $\alpha$

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-127m

28