

Program EVALPLOT  
(Version 2021-1)

by

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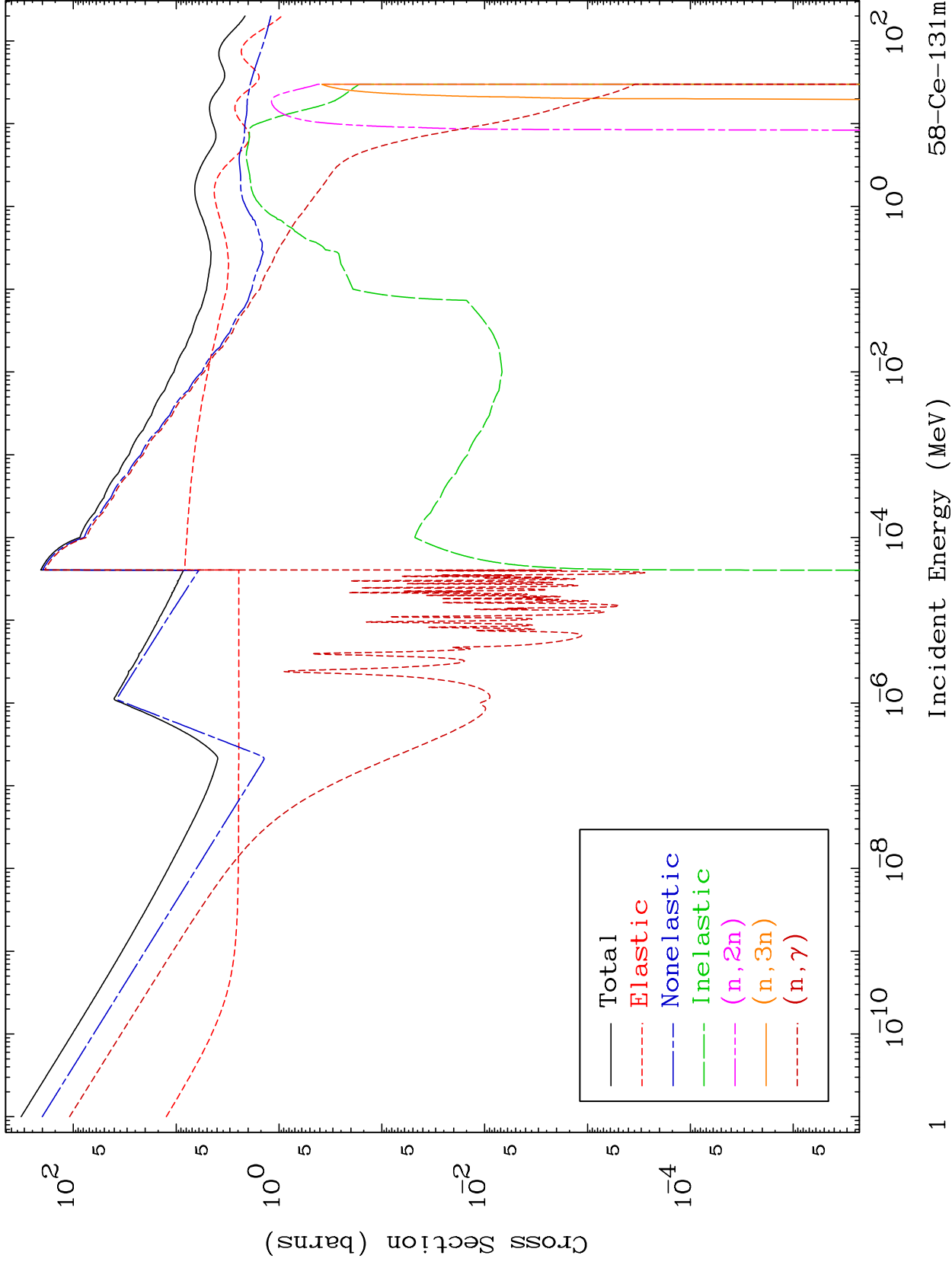
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5811

Neutron Major  
293 Kelvin Cross Sections

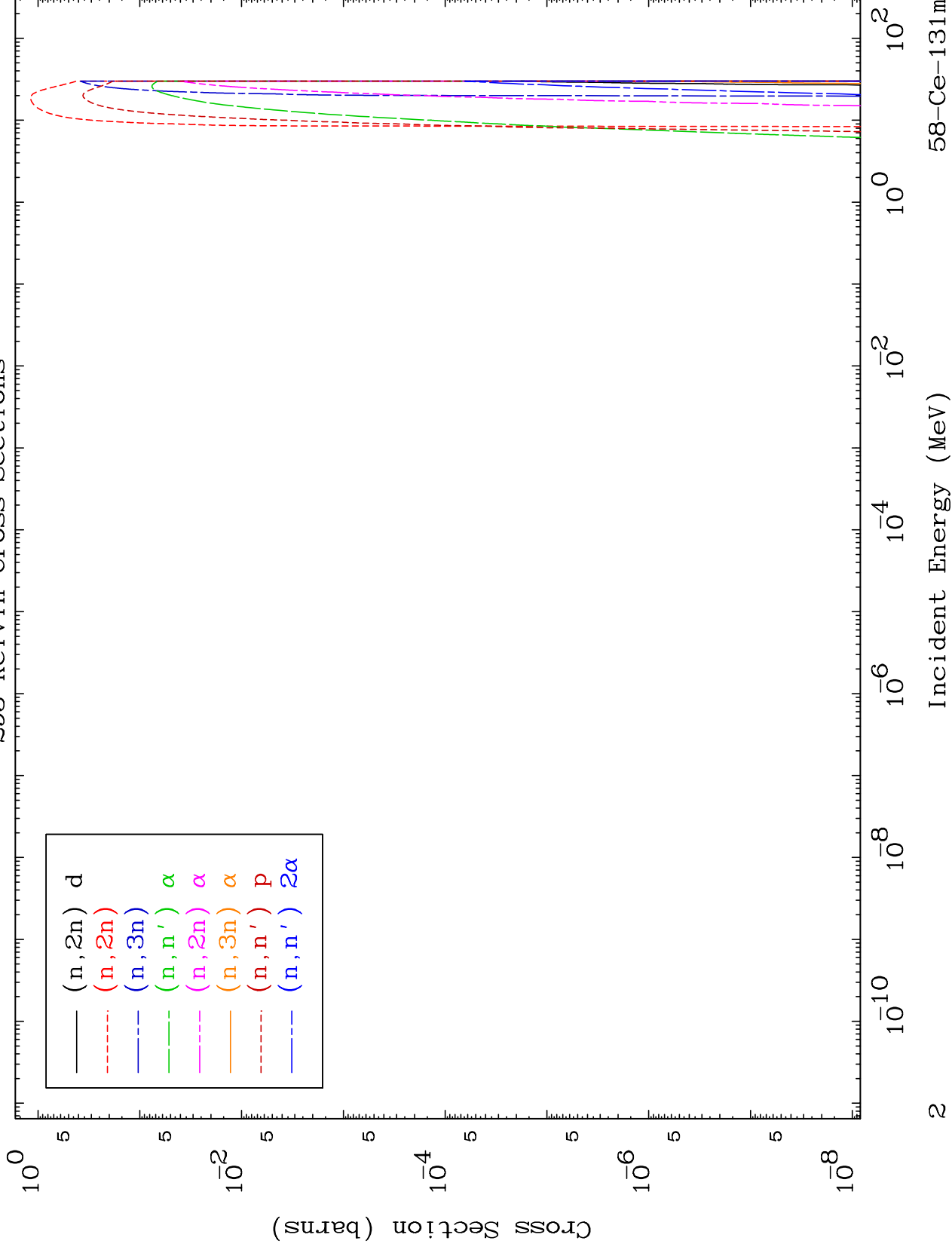
58-Ce-131m



MAT 5811

Neutron Absorption  
293 Kelvin Cross Sections

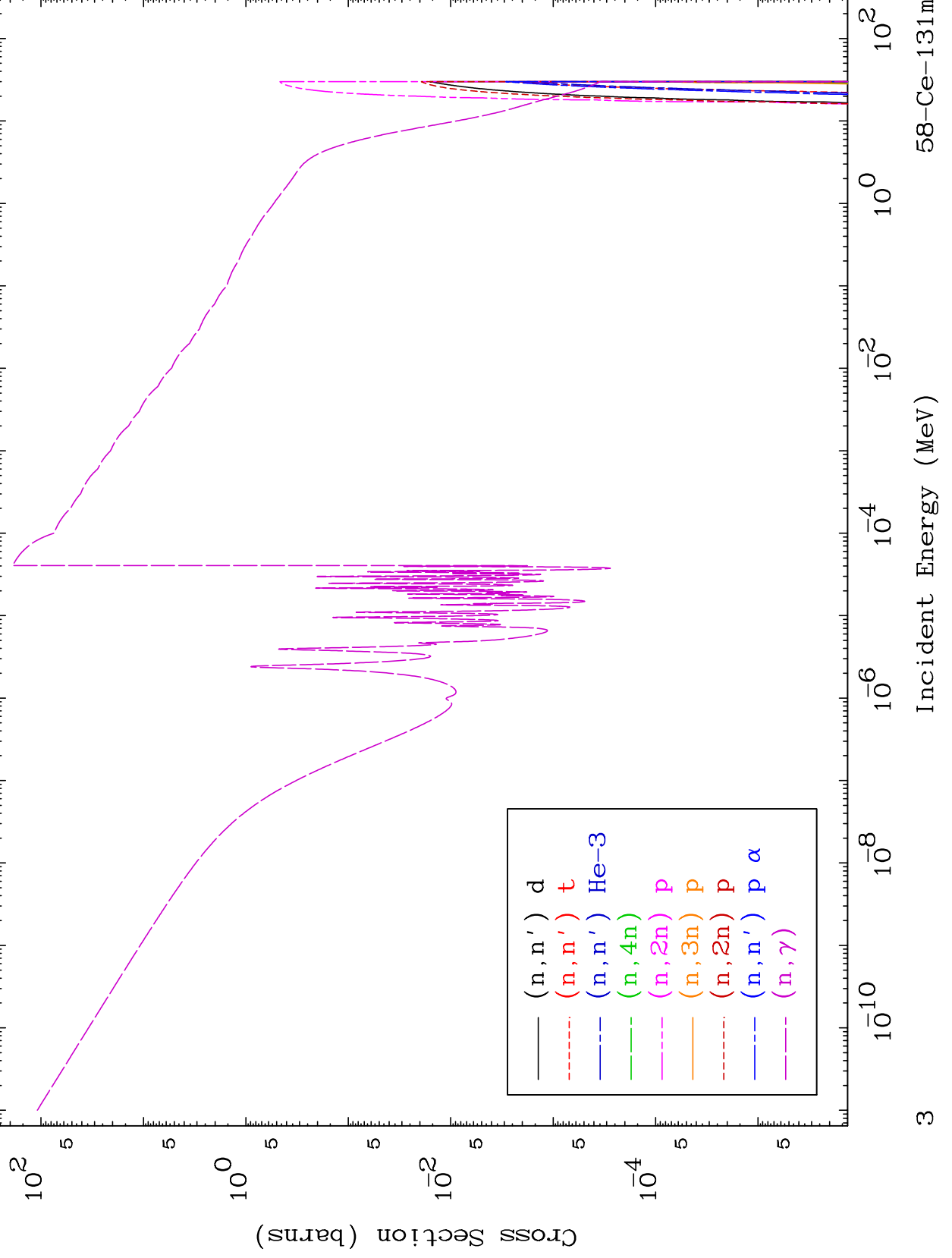
58-Ce-131m



MAT 5811

Neutron Absorption  
293 Kelvin Cross Sections

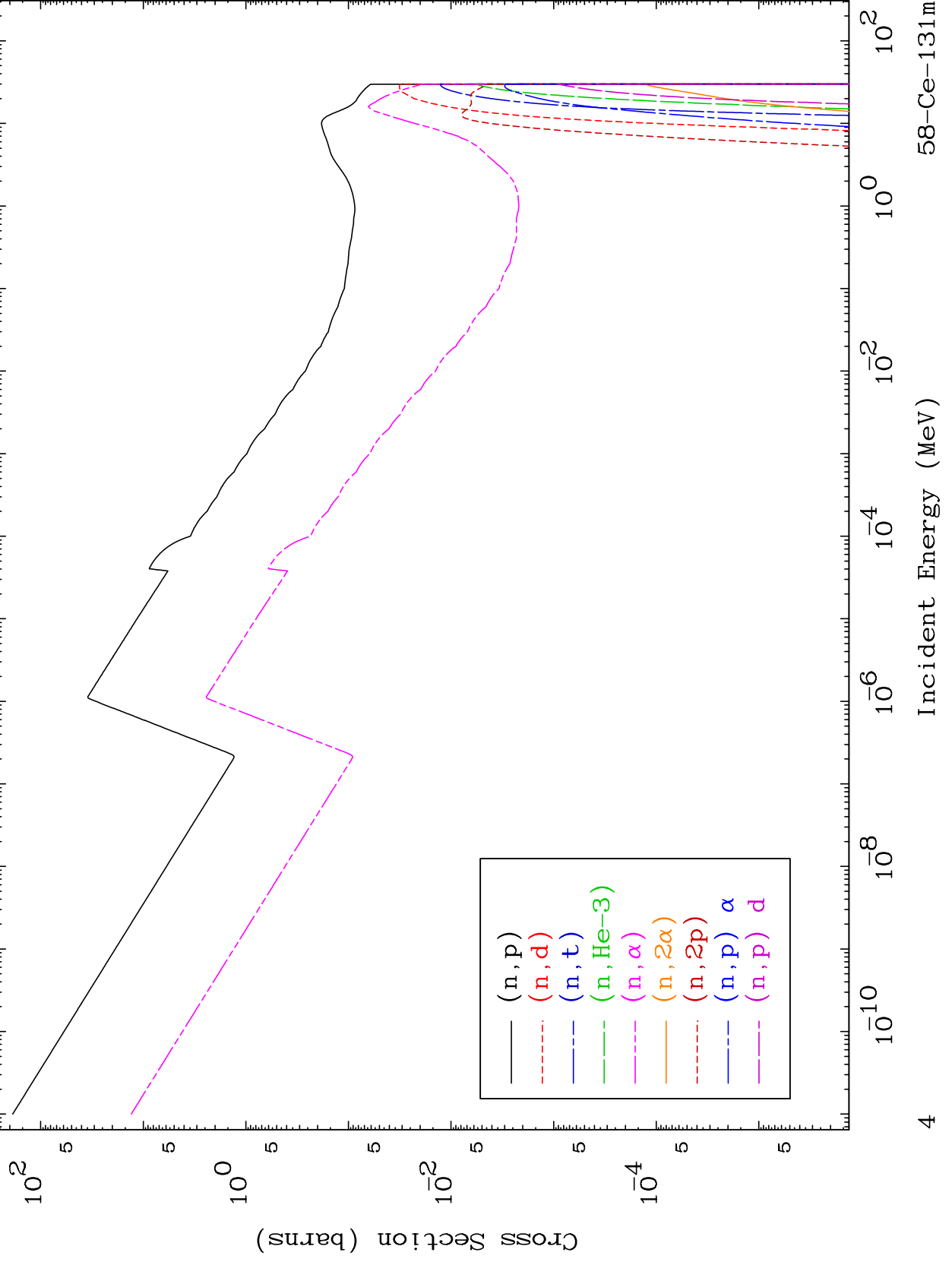
58-Ce-131m

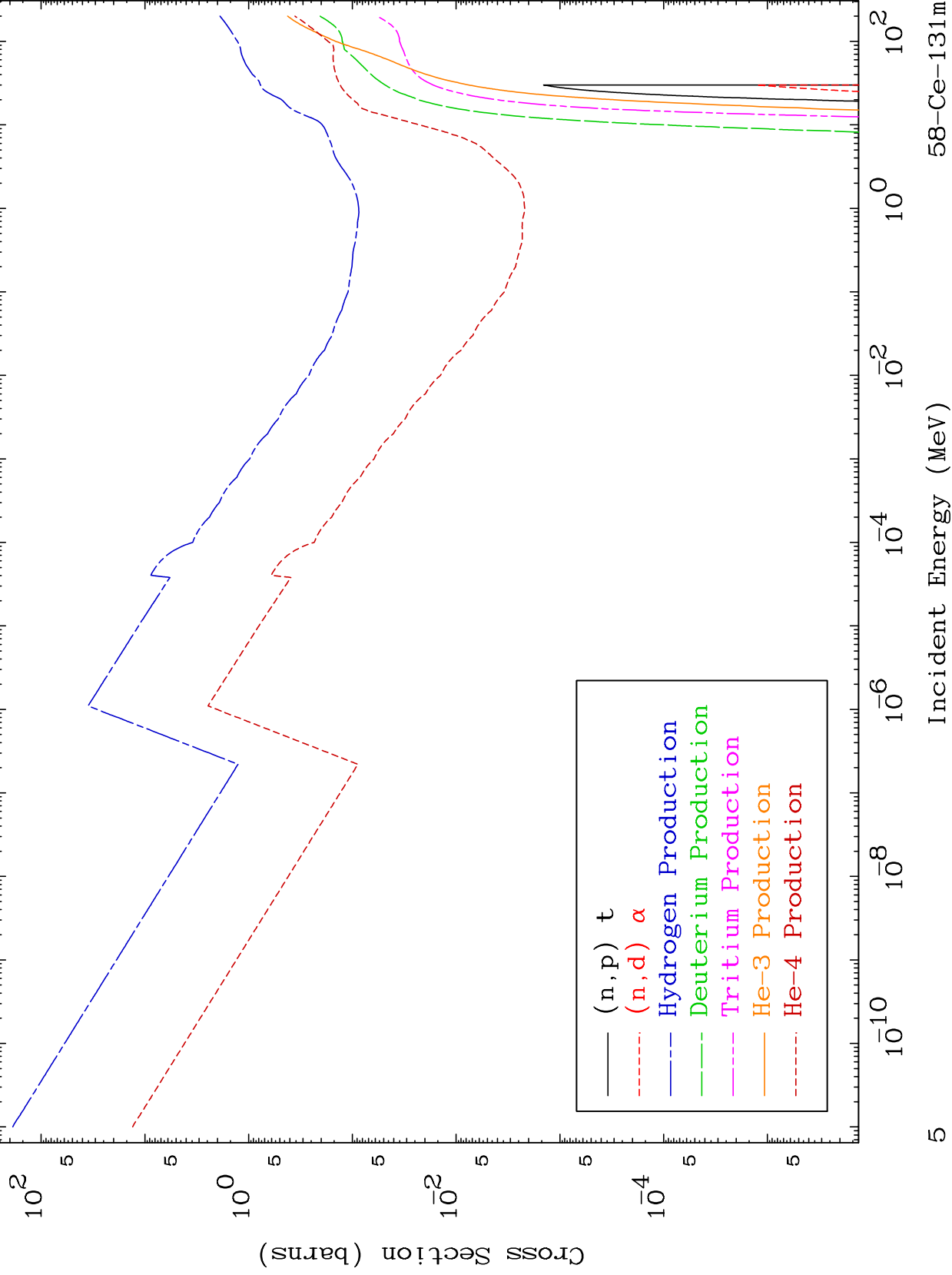


MAT 5811

Neutron Absorption  
293 Kelvin Cross Sections

58-Ce-131m

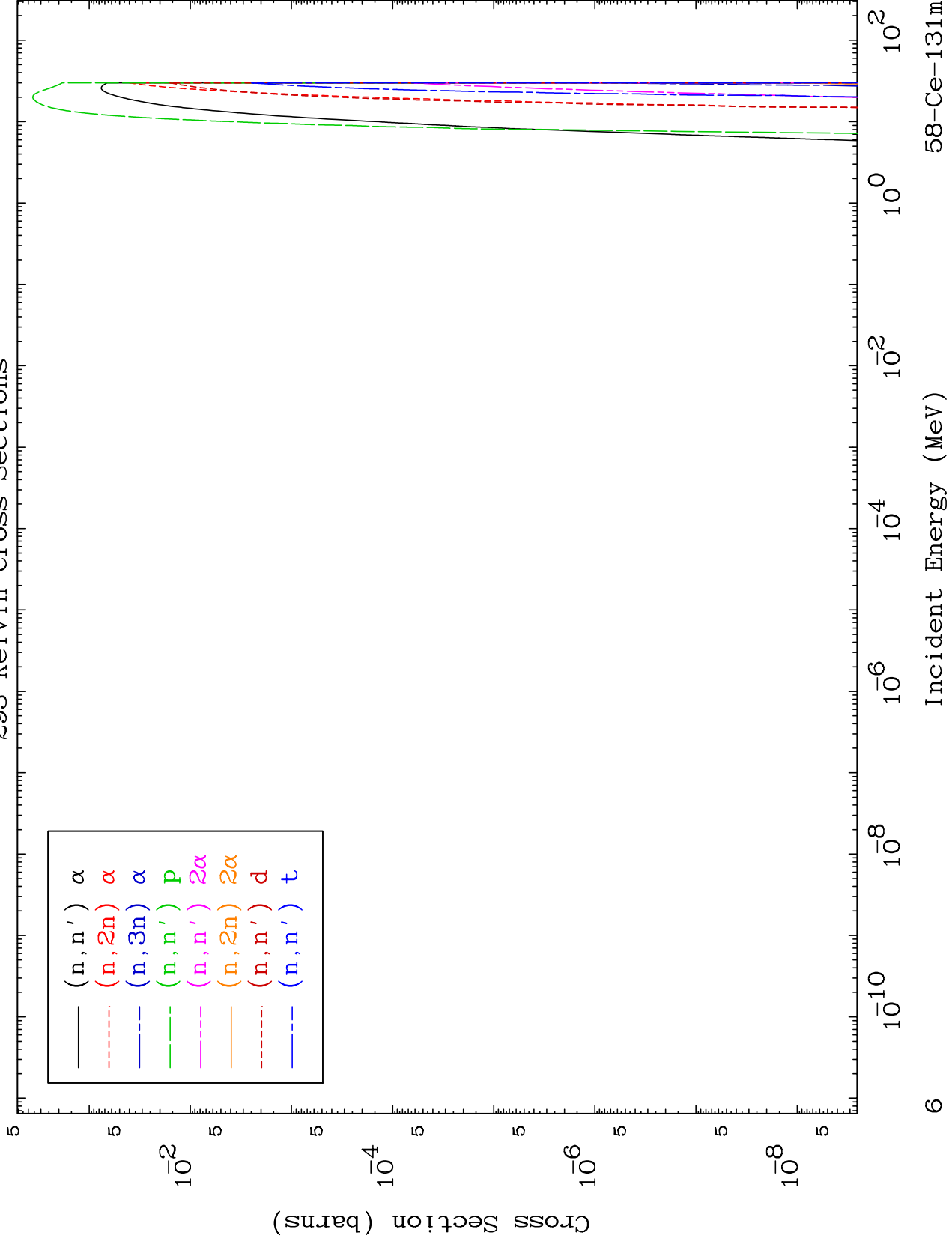




MAT 5811

Charged Particle  
293 Kelvin Cross Sections

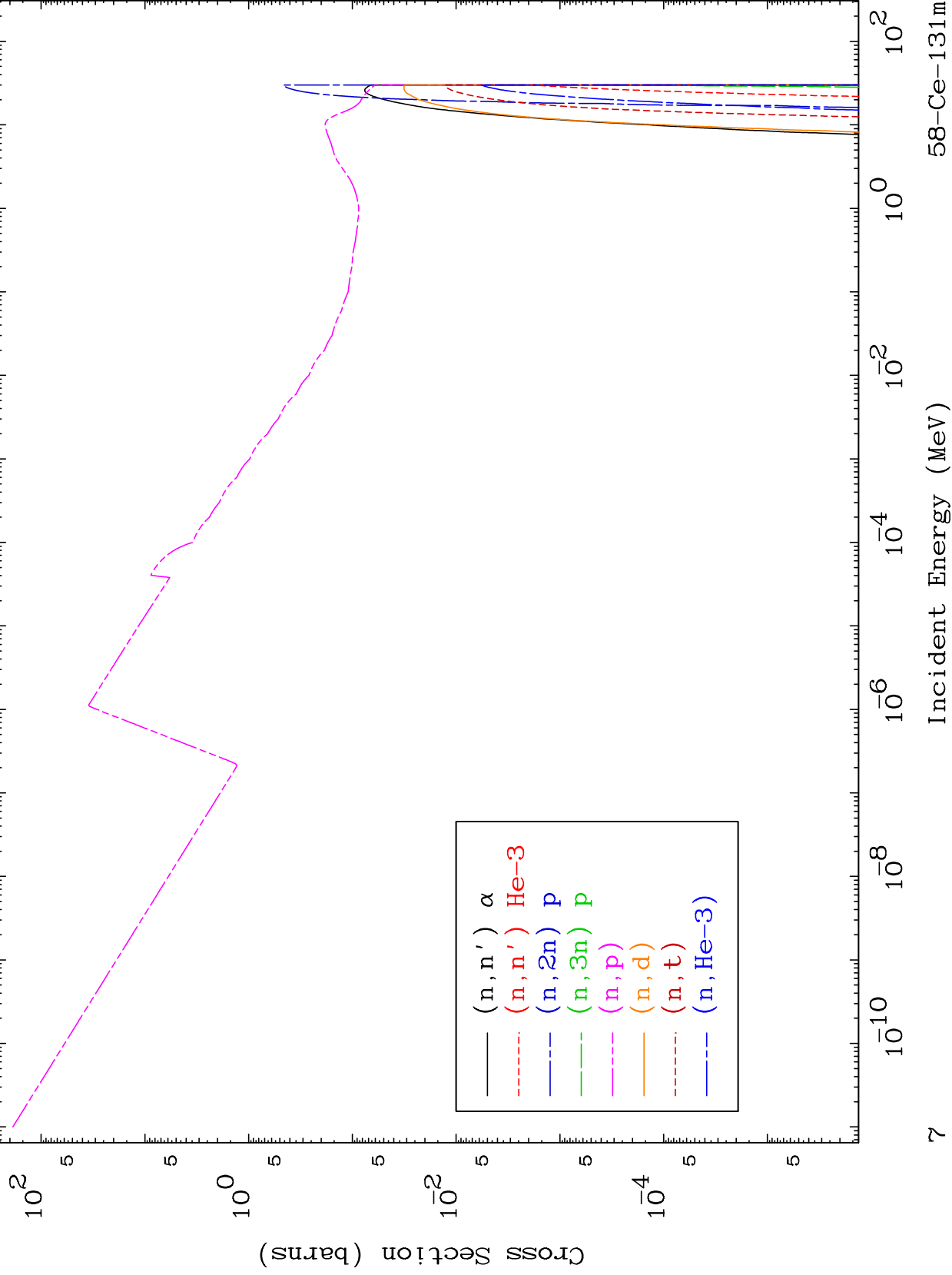
58-Ce-131m



MAT 5811

Charged Particle  
293 Kelvin Cross Sections

58-Ce-131m

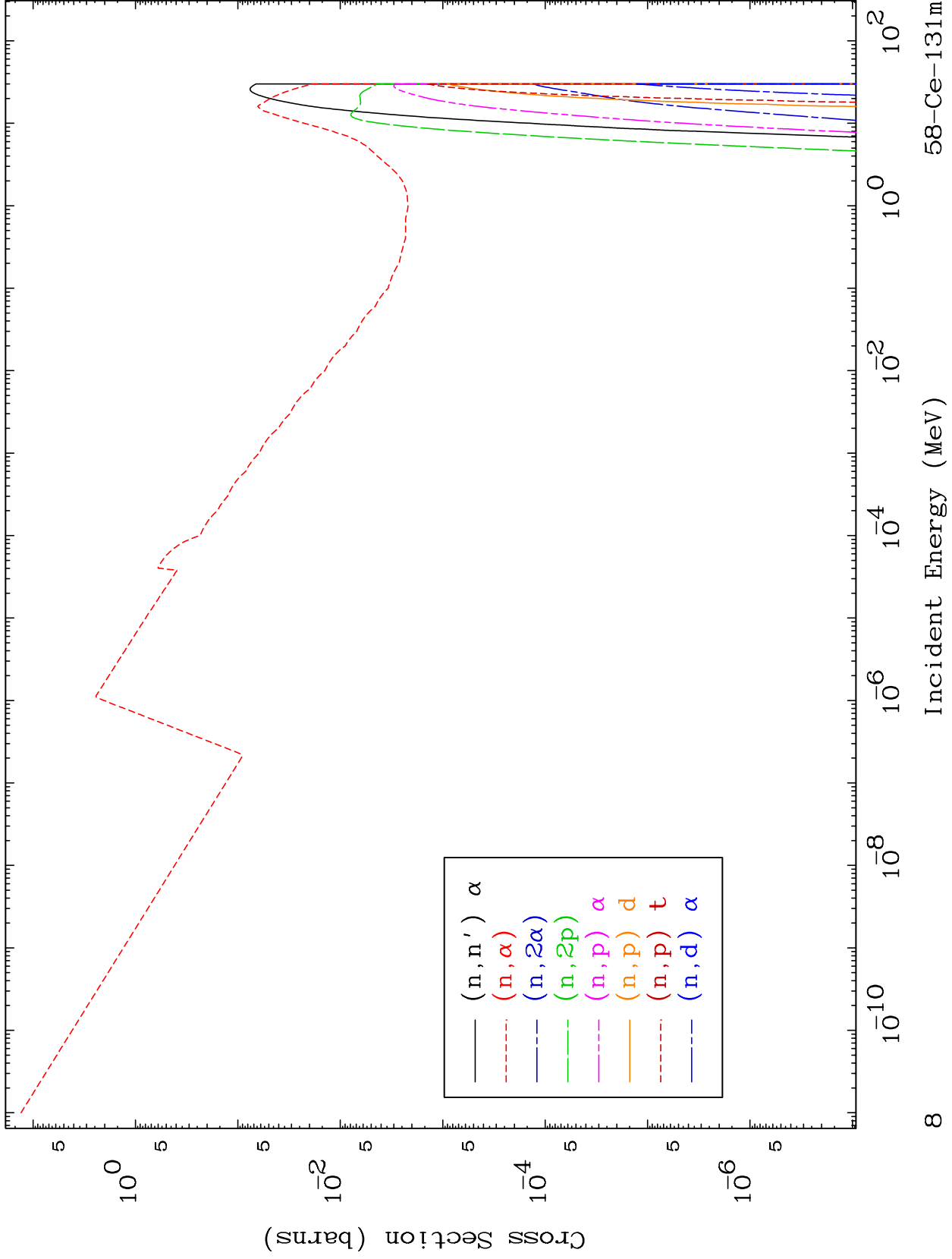




MAT 5811

Charged Particle  
293 Kelvin Cross Sections

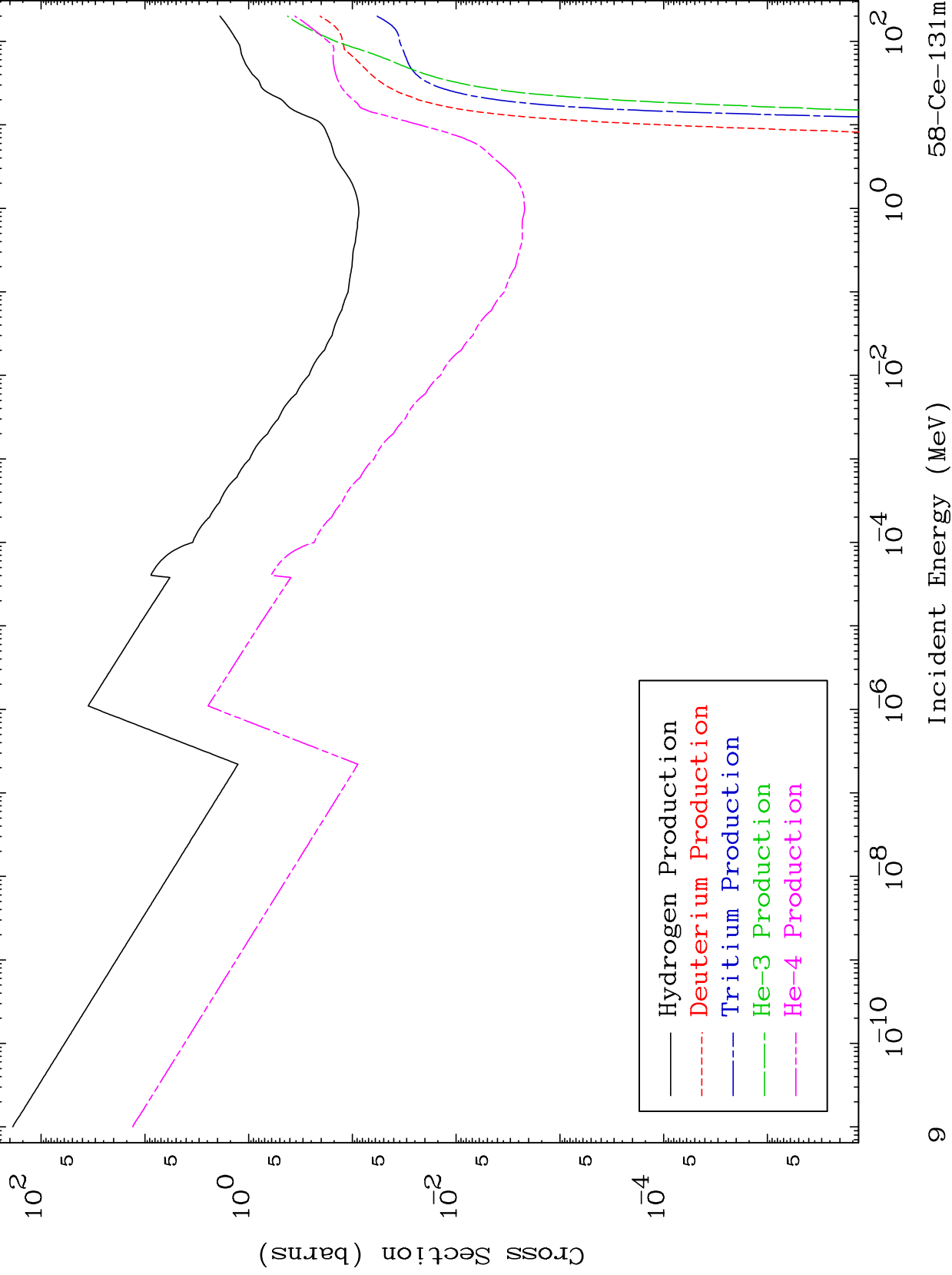
58-Ce-131m



MAT 5811

Particle Production  
293 Kelvin Cross Sections

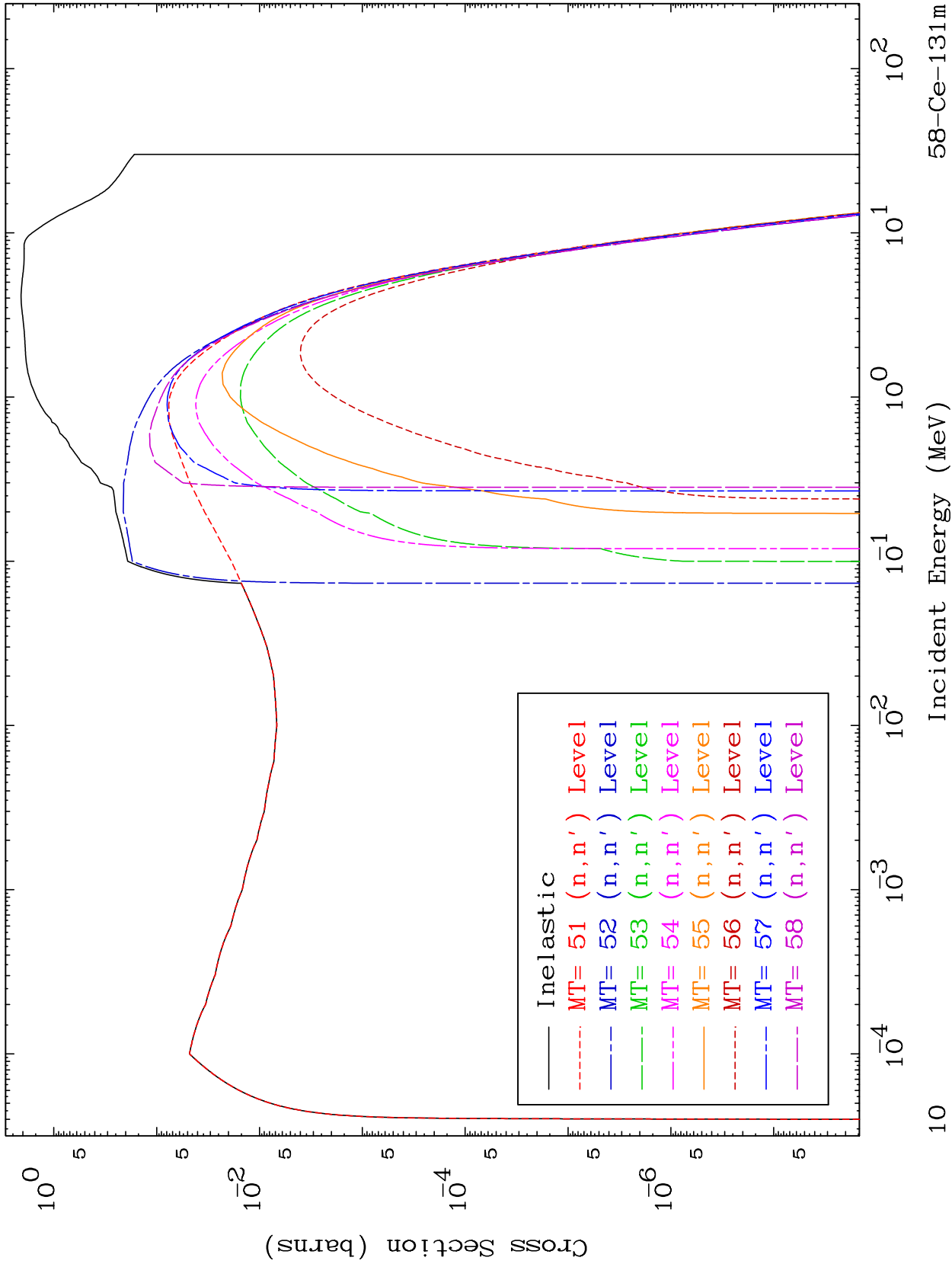
58-Ce-131m



MAT 5811

(n,n') Levels  
293 Kelvin Cross Sections

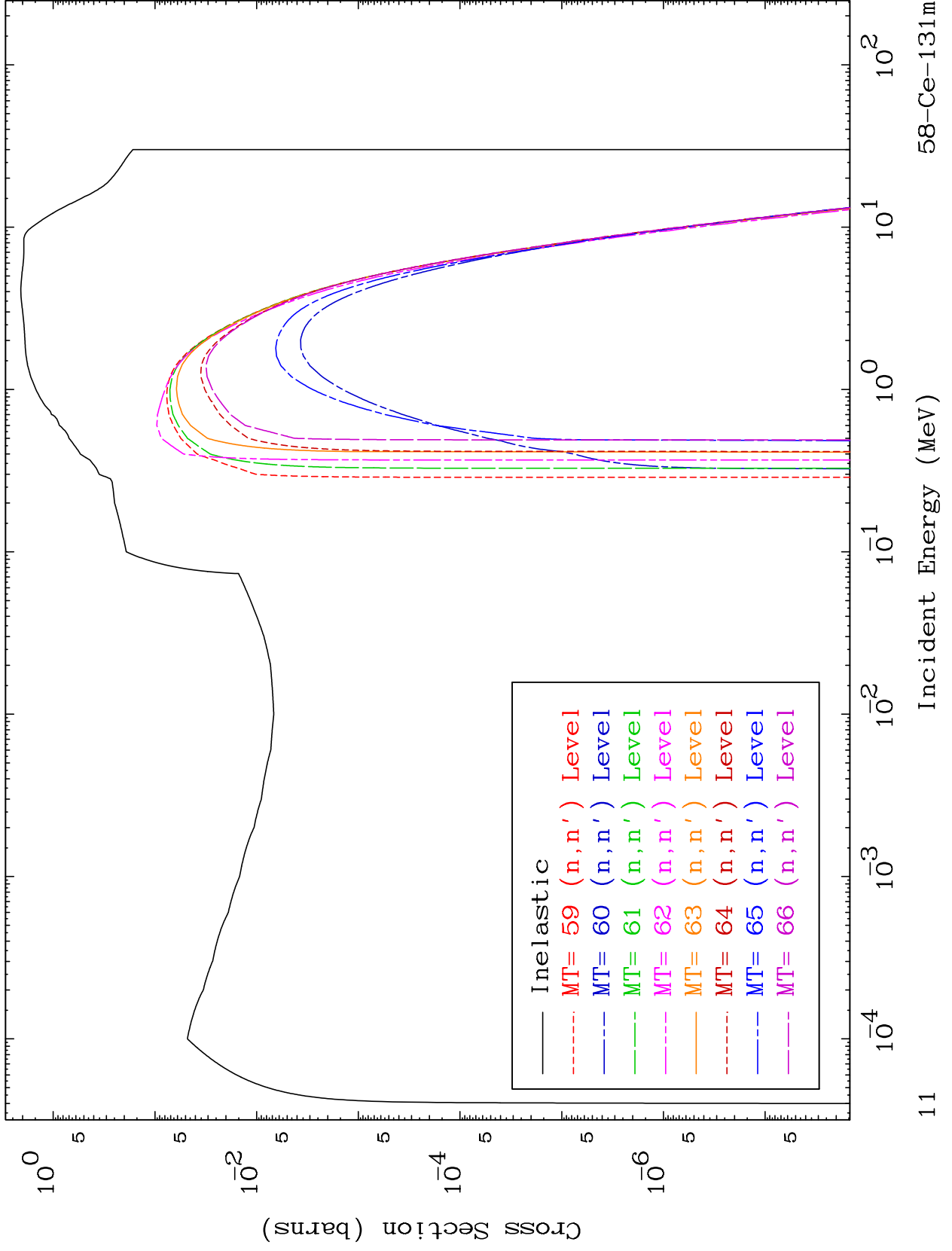
58-Ce-131m



MAT 5811

(n,n') Levels  
293 Kelvin Cross Sections

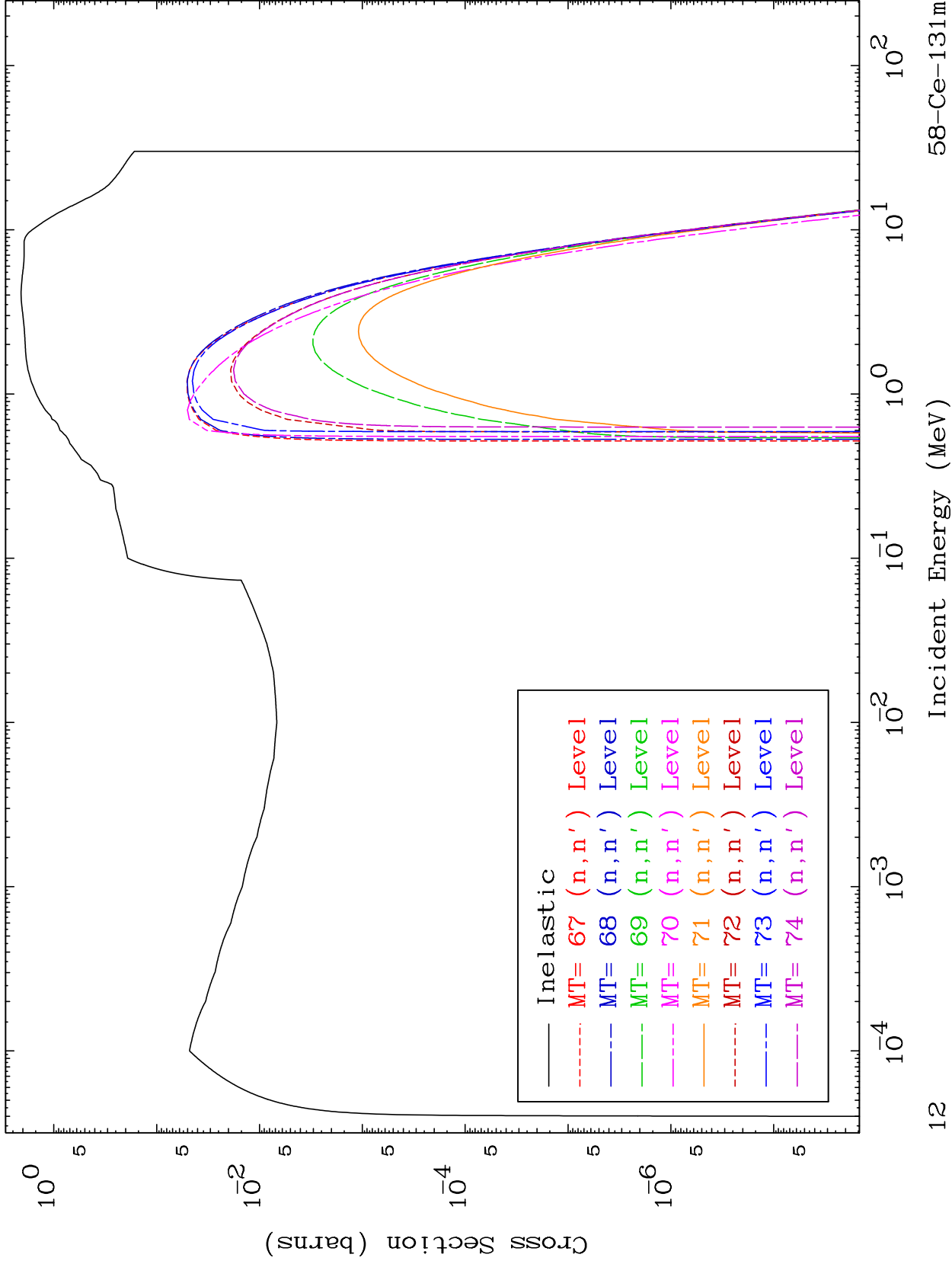
58-Ce-131m



MAT 5811

(n,n') Levels  
293 Kelvin Cross Sections

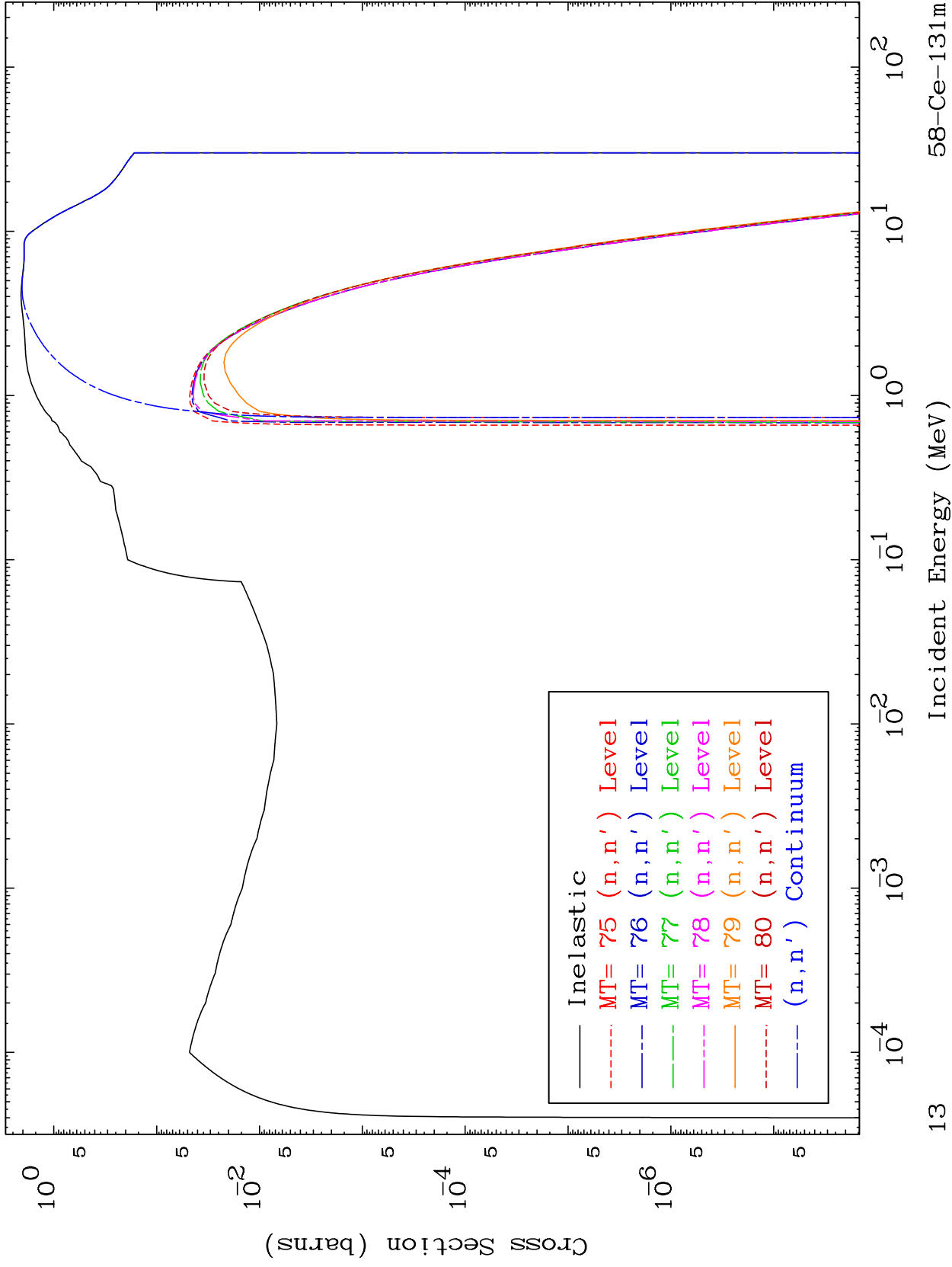
58-Ce-131m



MAT 5811

(n,n') Levels  
293 Kelvin Cross Sections

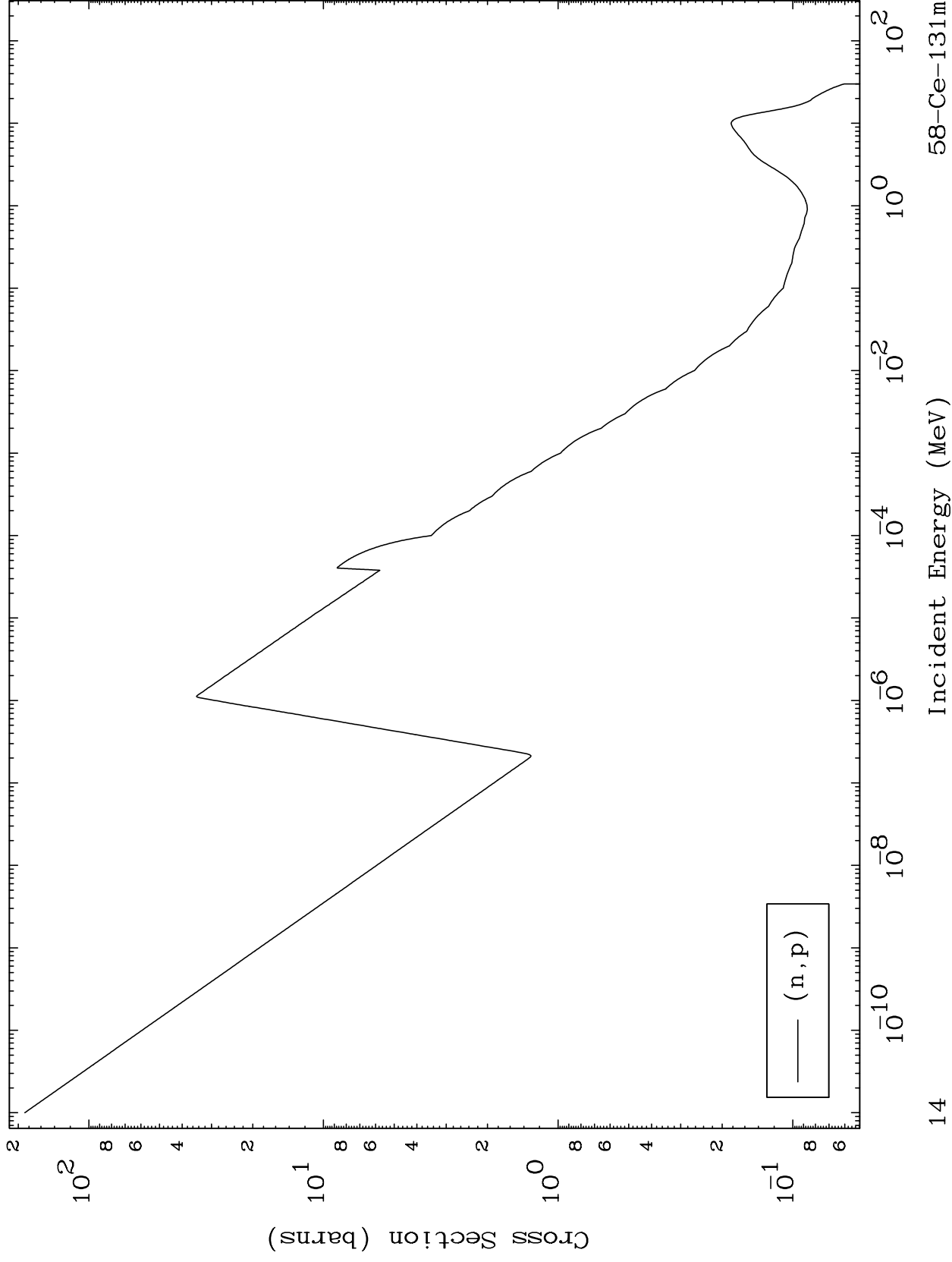
58-Ce-131m



MAT 5811

(n,p) Levels  
293 Kelvin Cross Sections

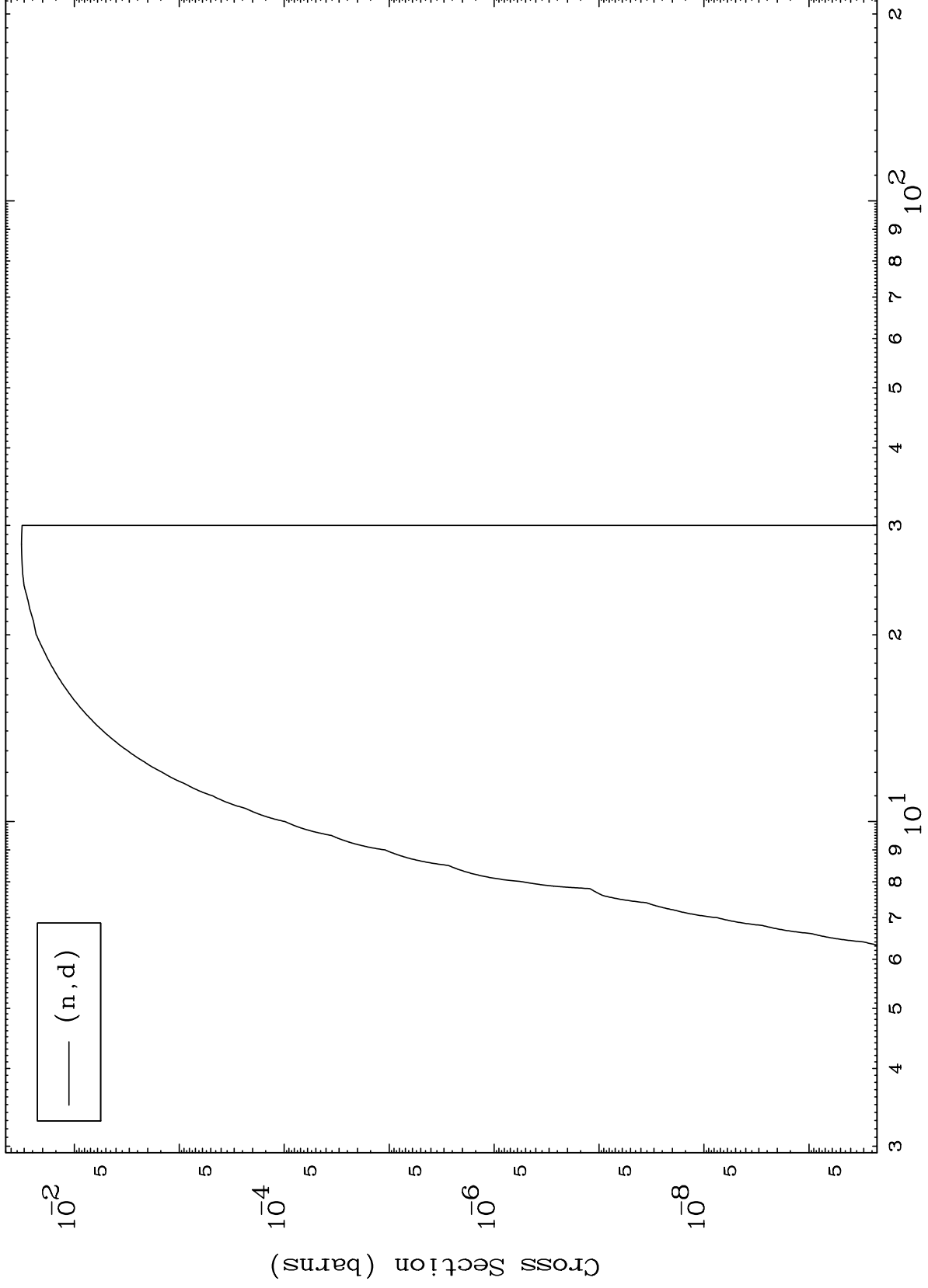
58-Ce-131m



MAT 5811

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-131m



15

Incident Energy (MeV)

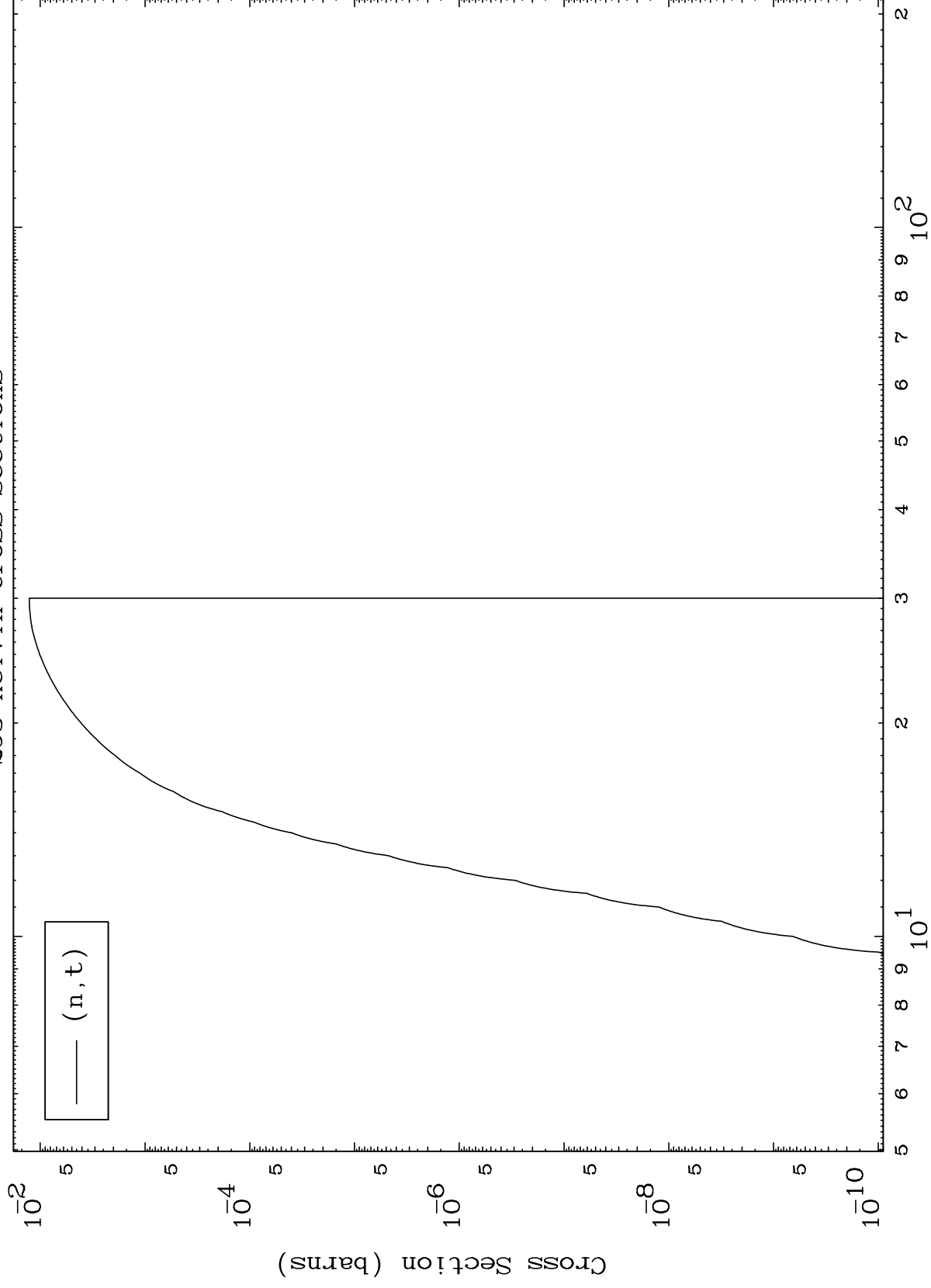
58-Ce-131m



MAT 5811

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-131m



16

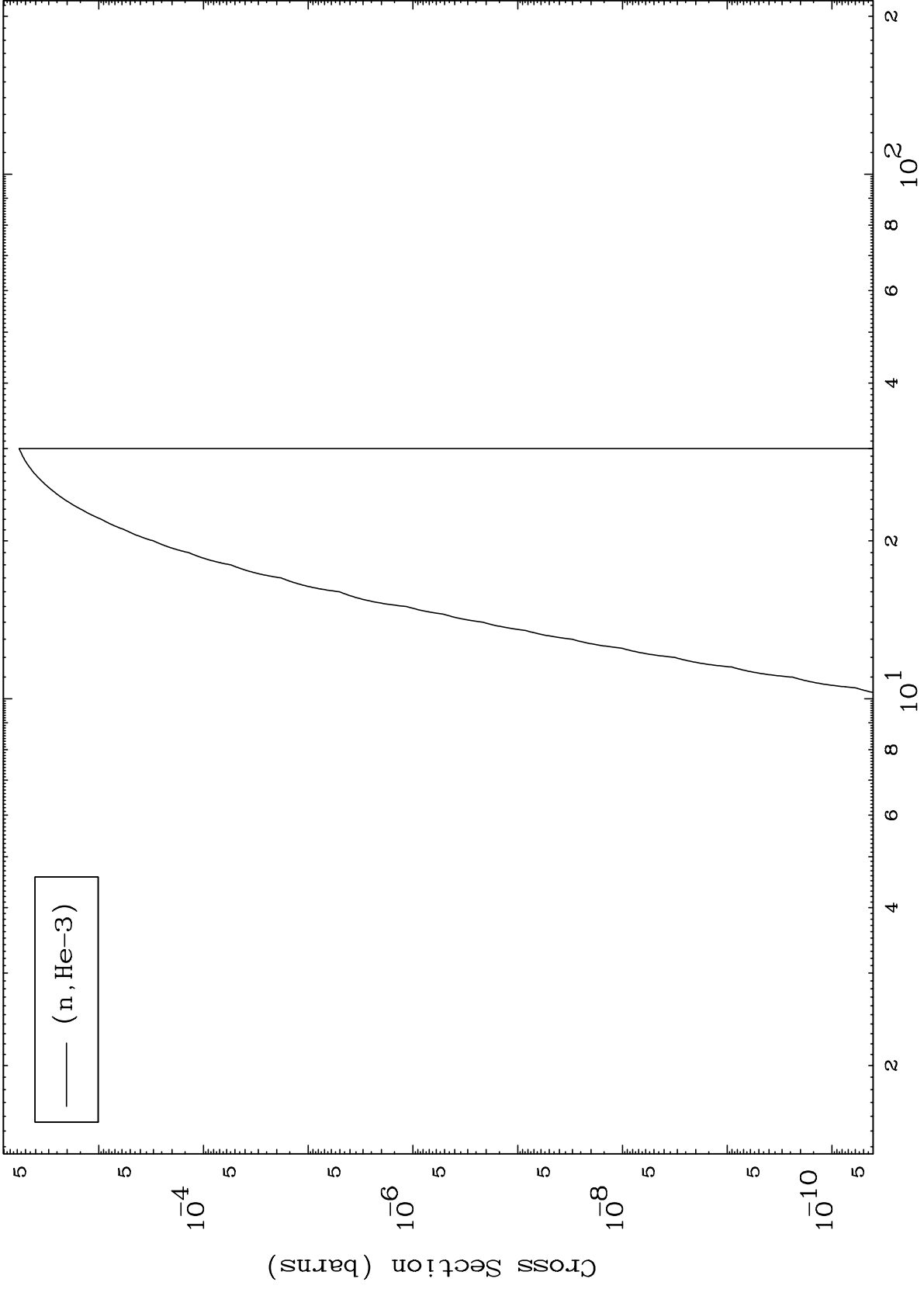
Incident Energy (MeV)

58-Ce-131m

MAT 5811

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-131m



17

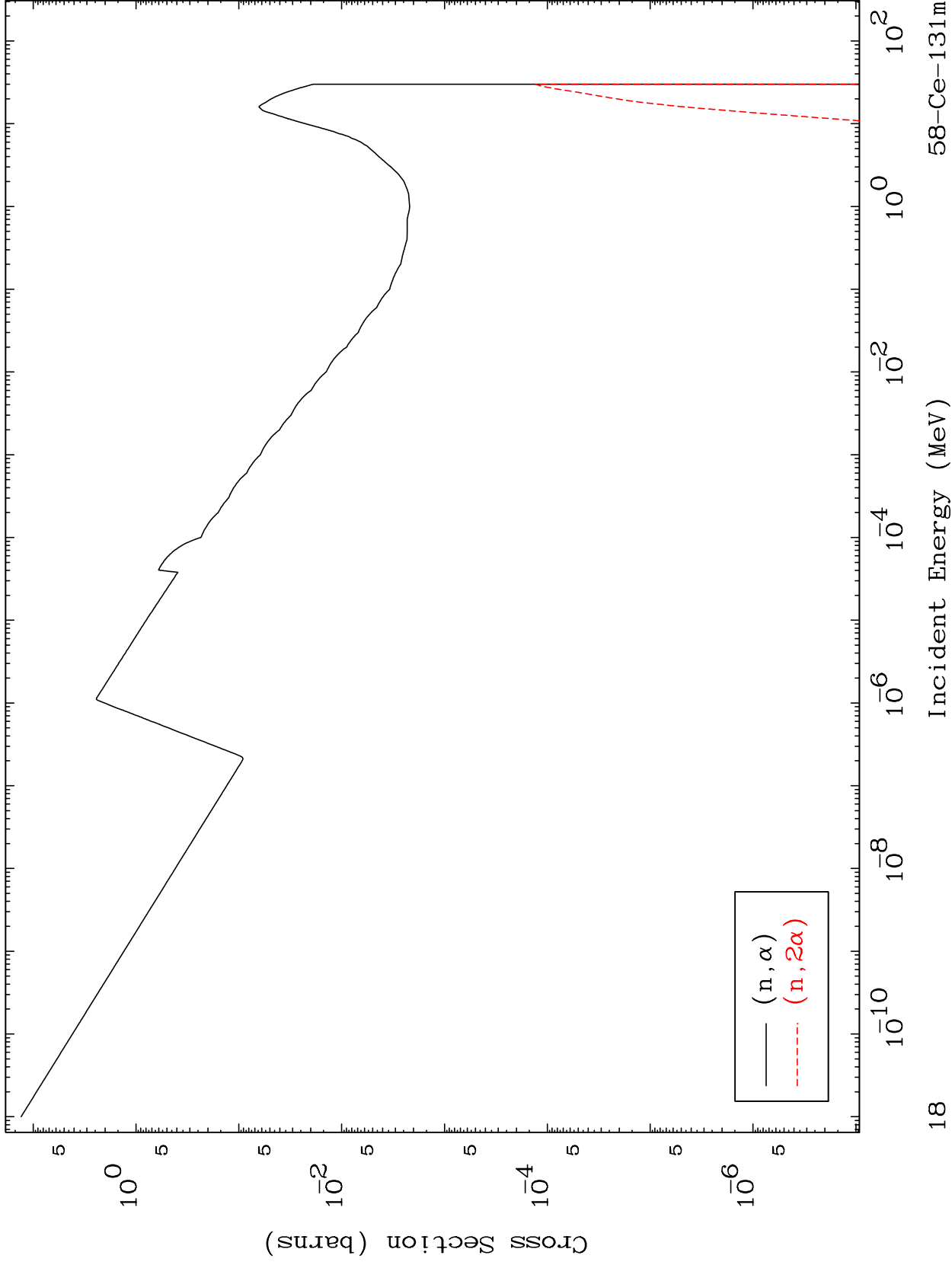
Incident Energy (MeV)

58-Ce-131m

MAT 5811

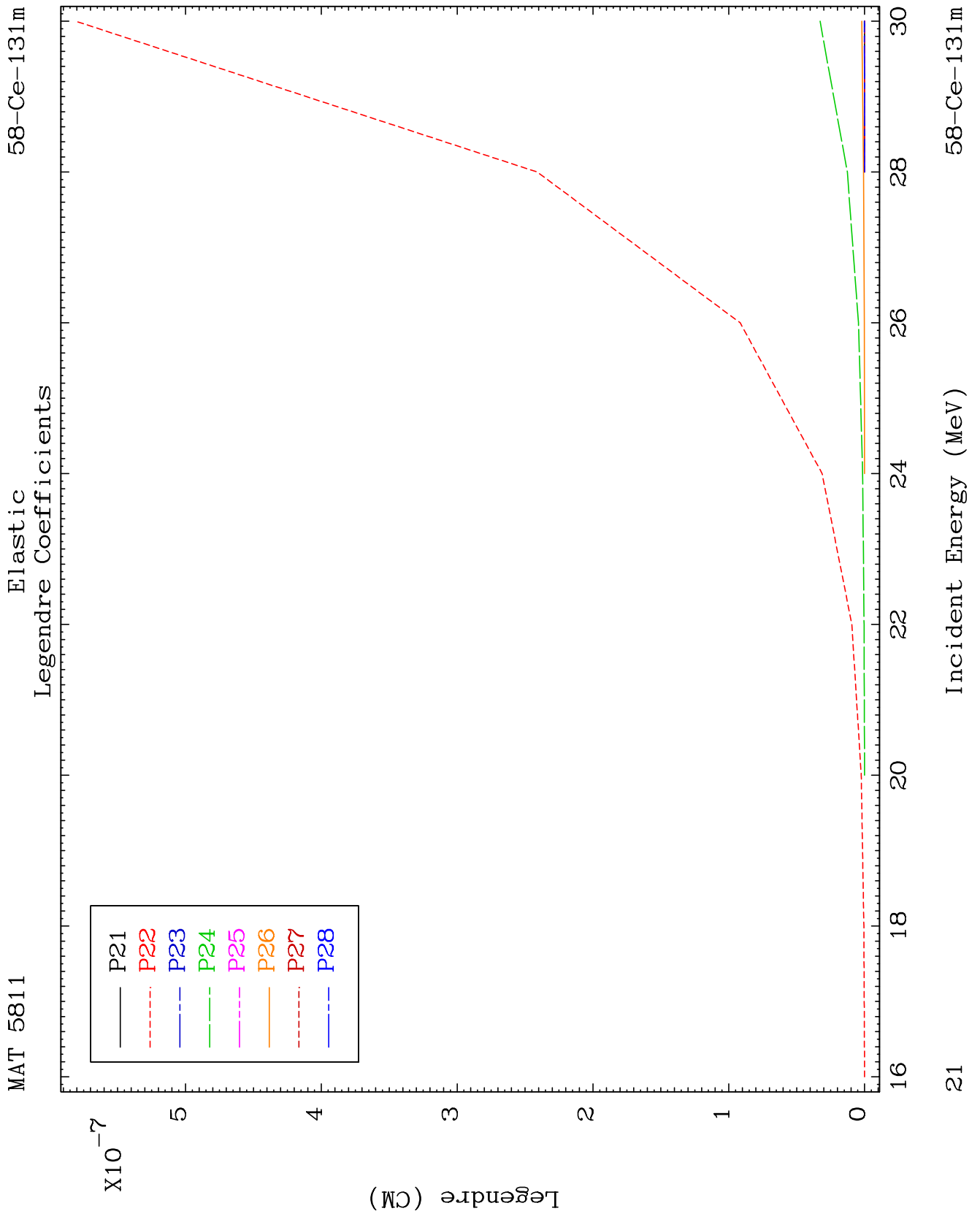
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

58-Ce-131m





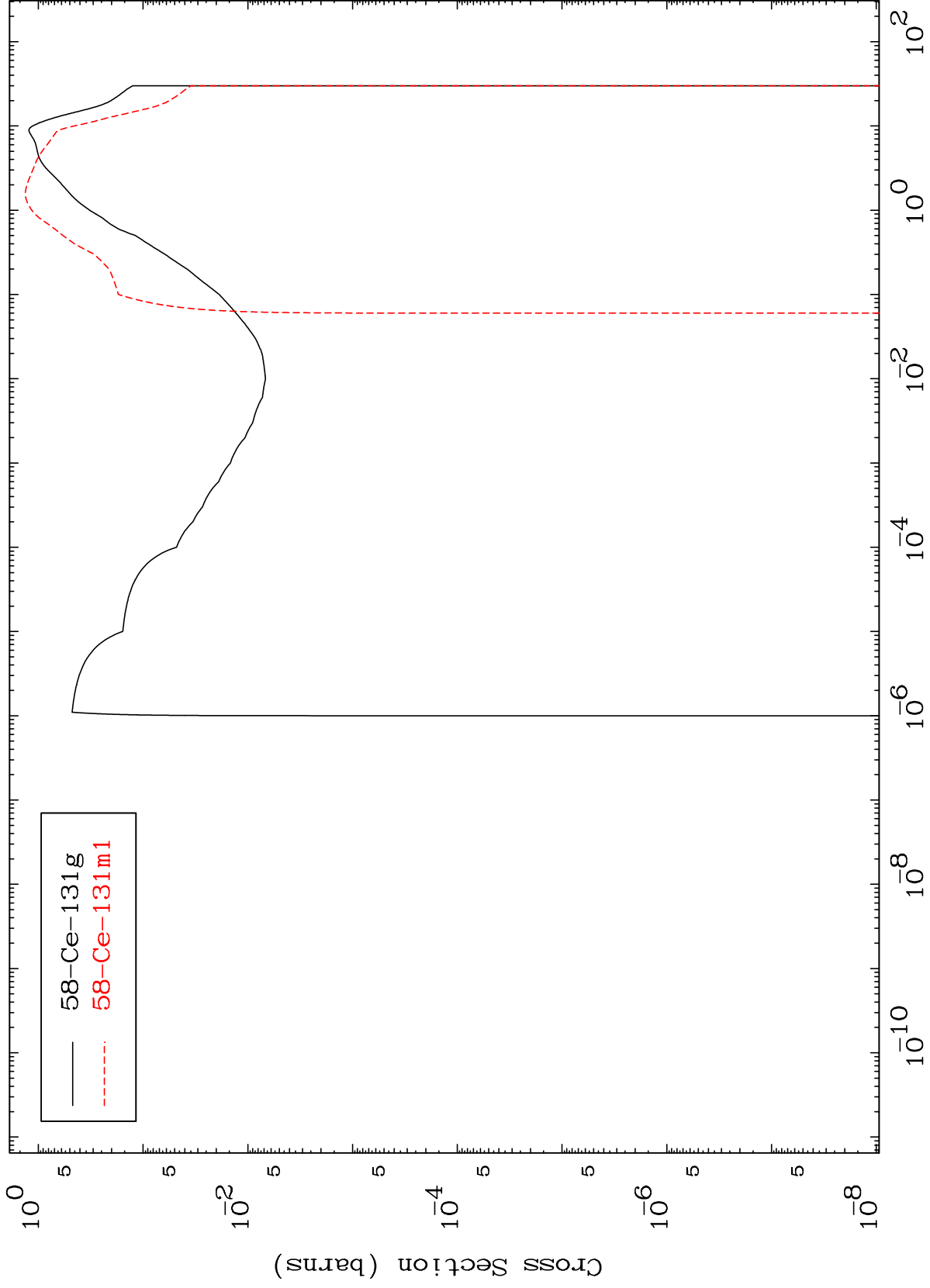




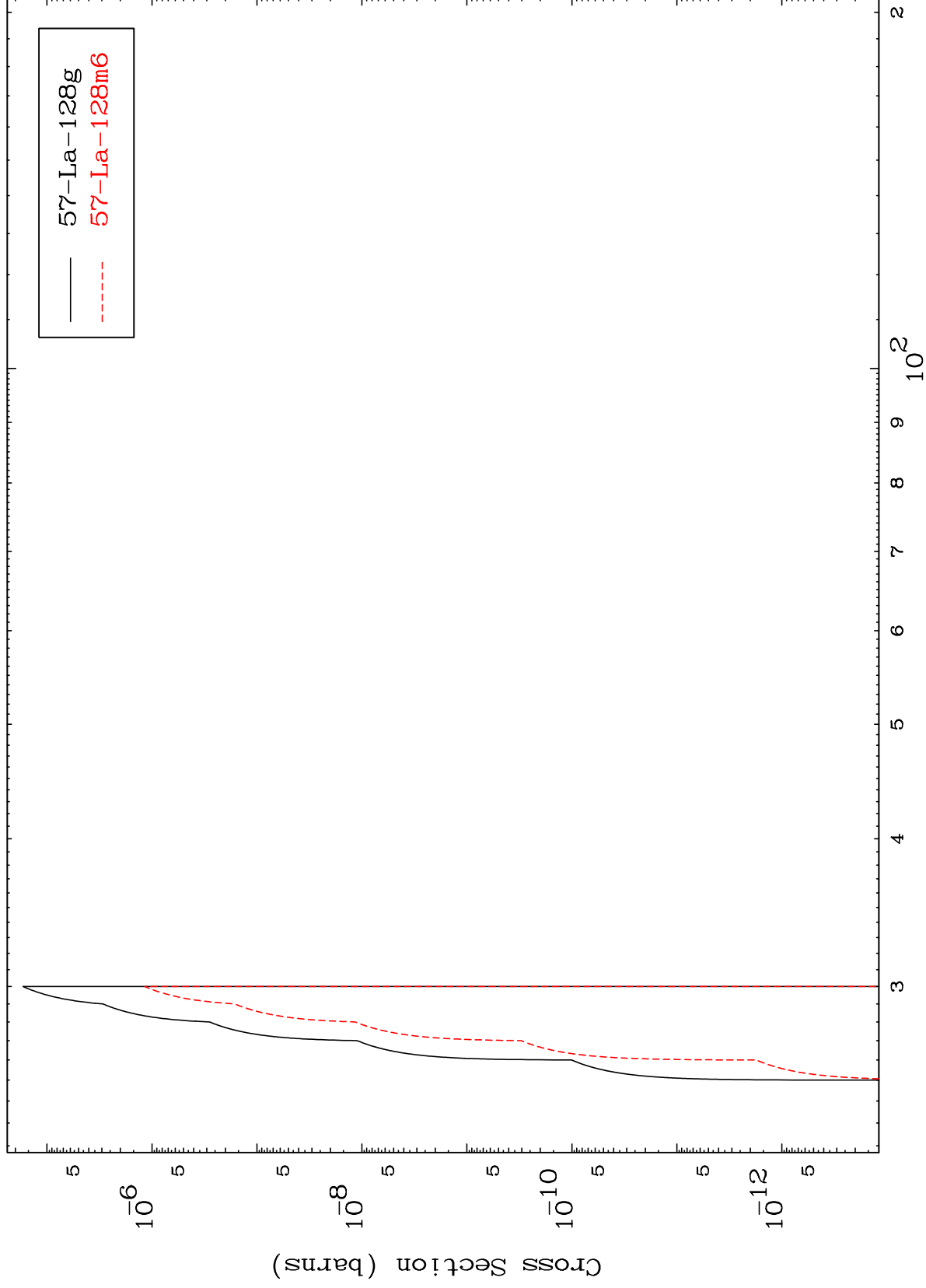
MAT 5811

58-Ce-131m

Inelastic  
Radionuclide Production Cross Section



Radionuclide Production Cross Section



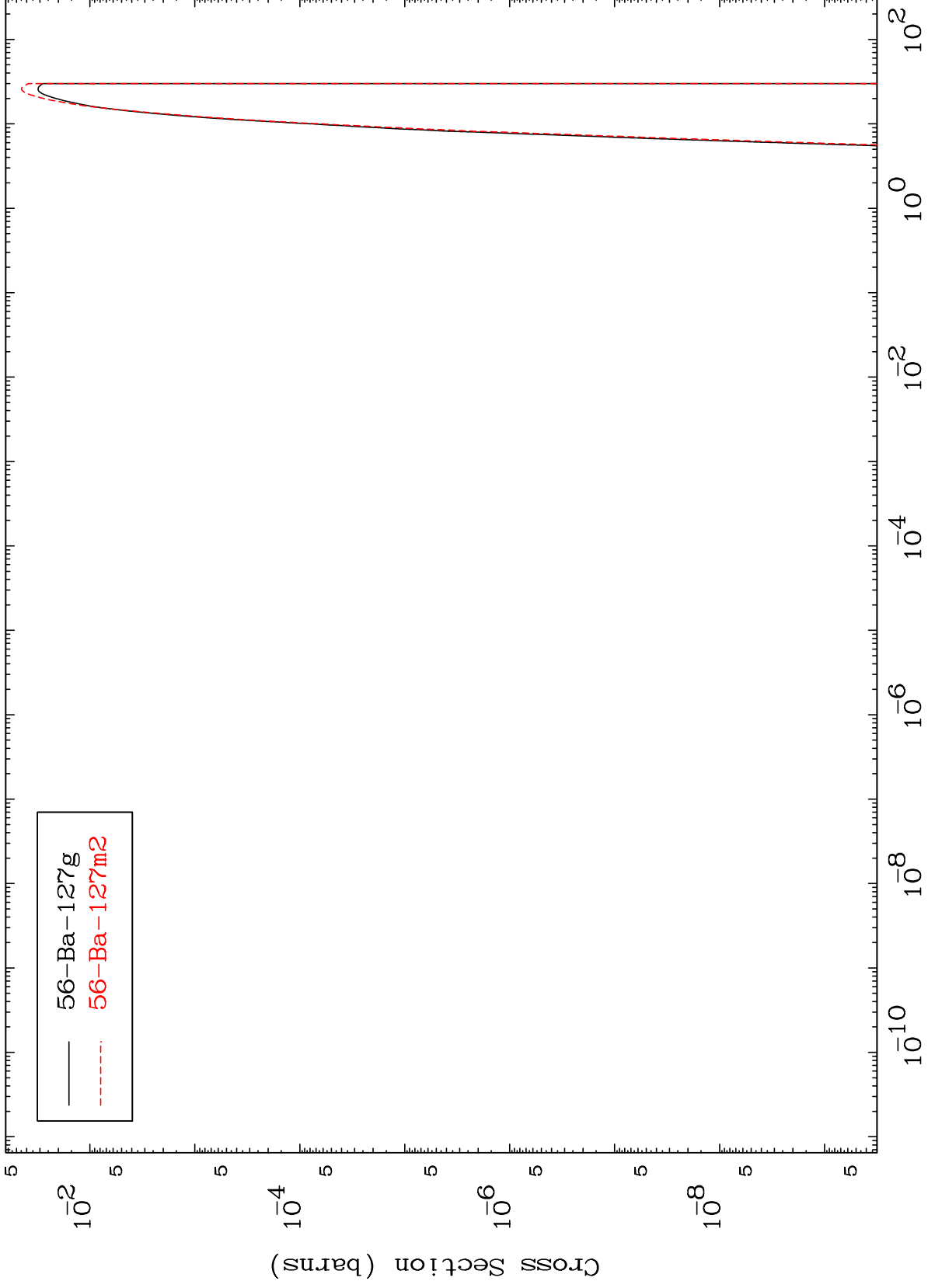


MAT 5811

$(n, n')$   $\alpha$

58-Ce-131m

Radionuclide Production Cross Section

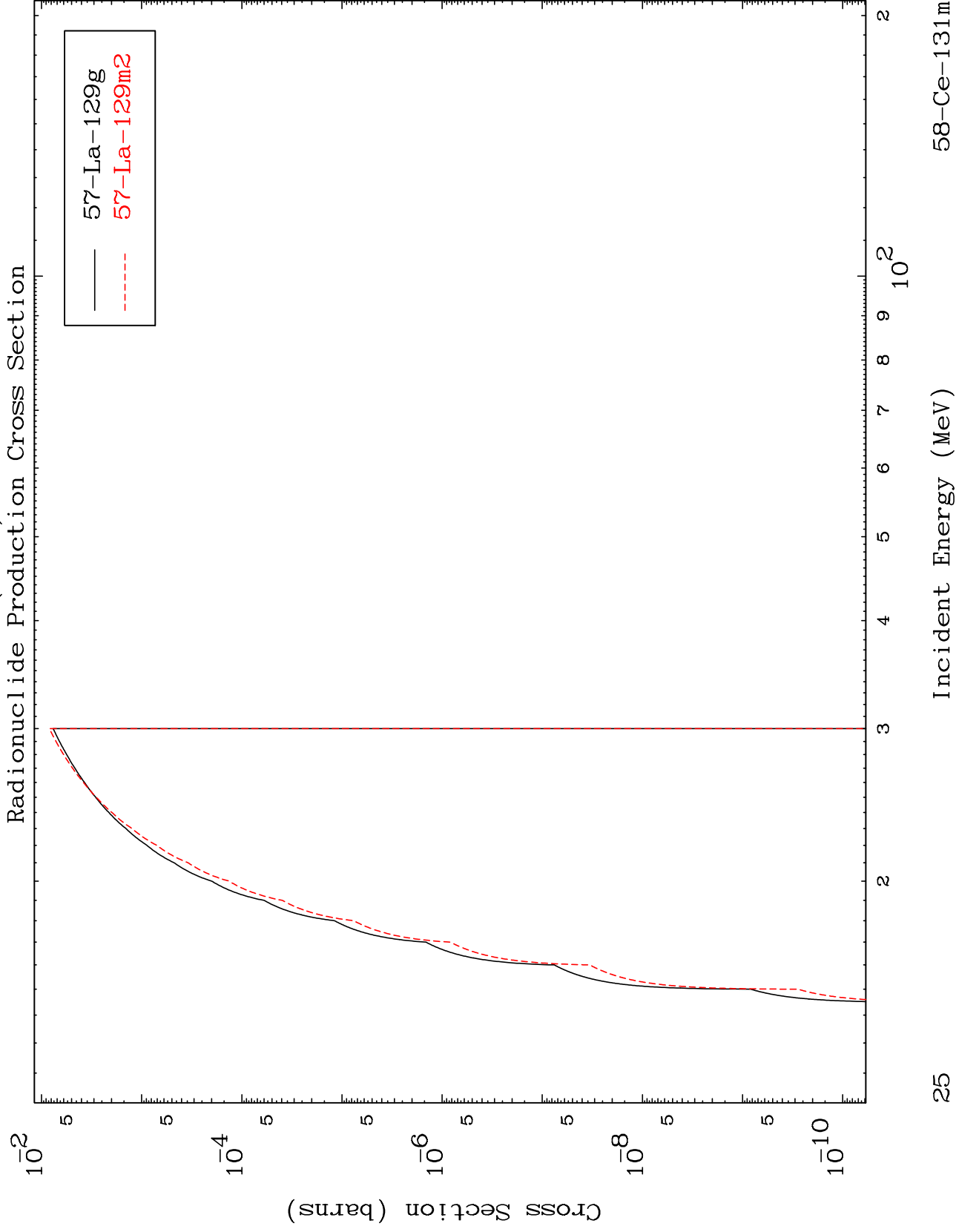


56-Ba-127g  
56-Ba-127m2

MAT 5811

(n,n') d

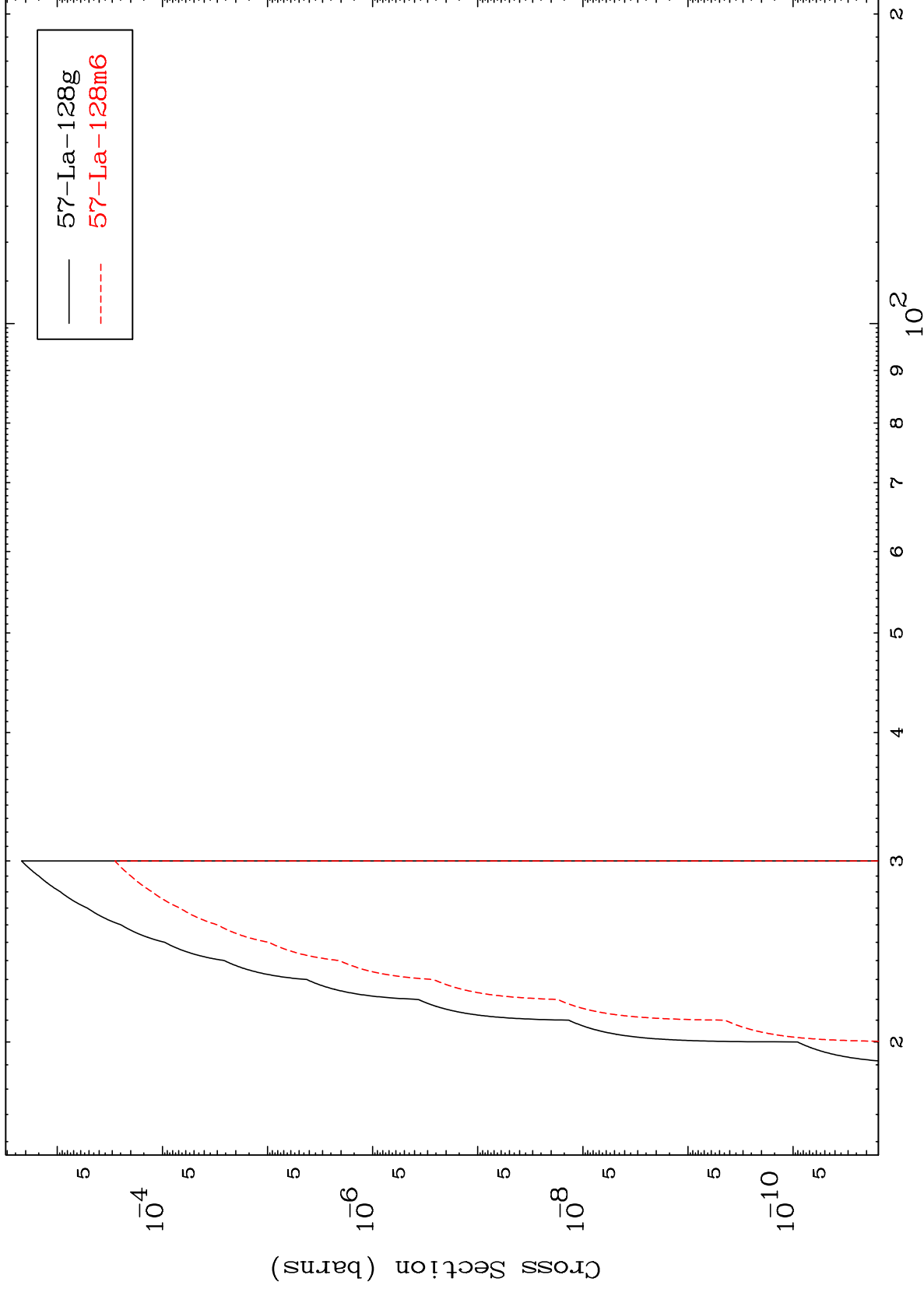
58-Ce-131m



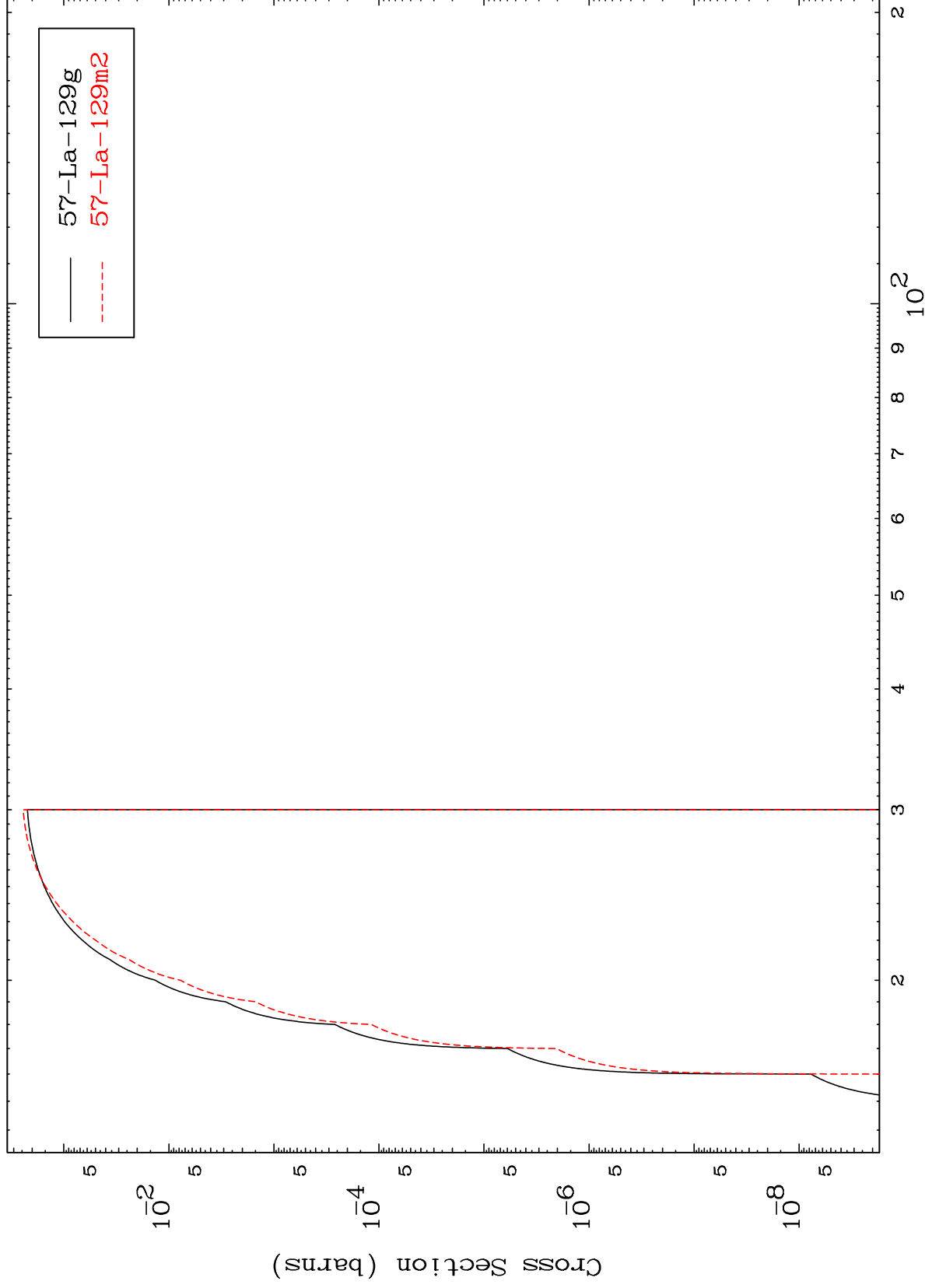
25

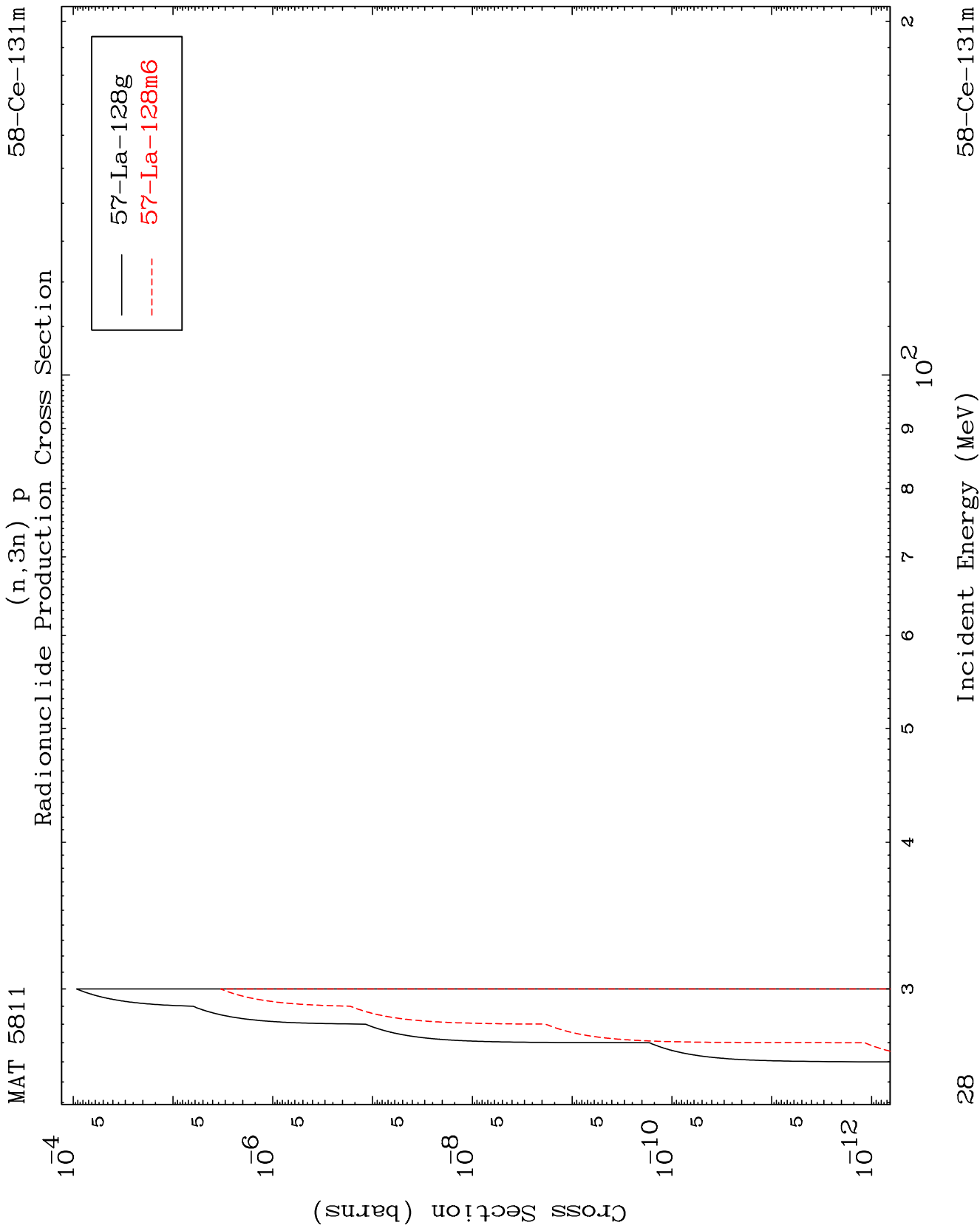
58-Ce-131m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

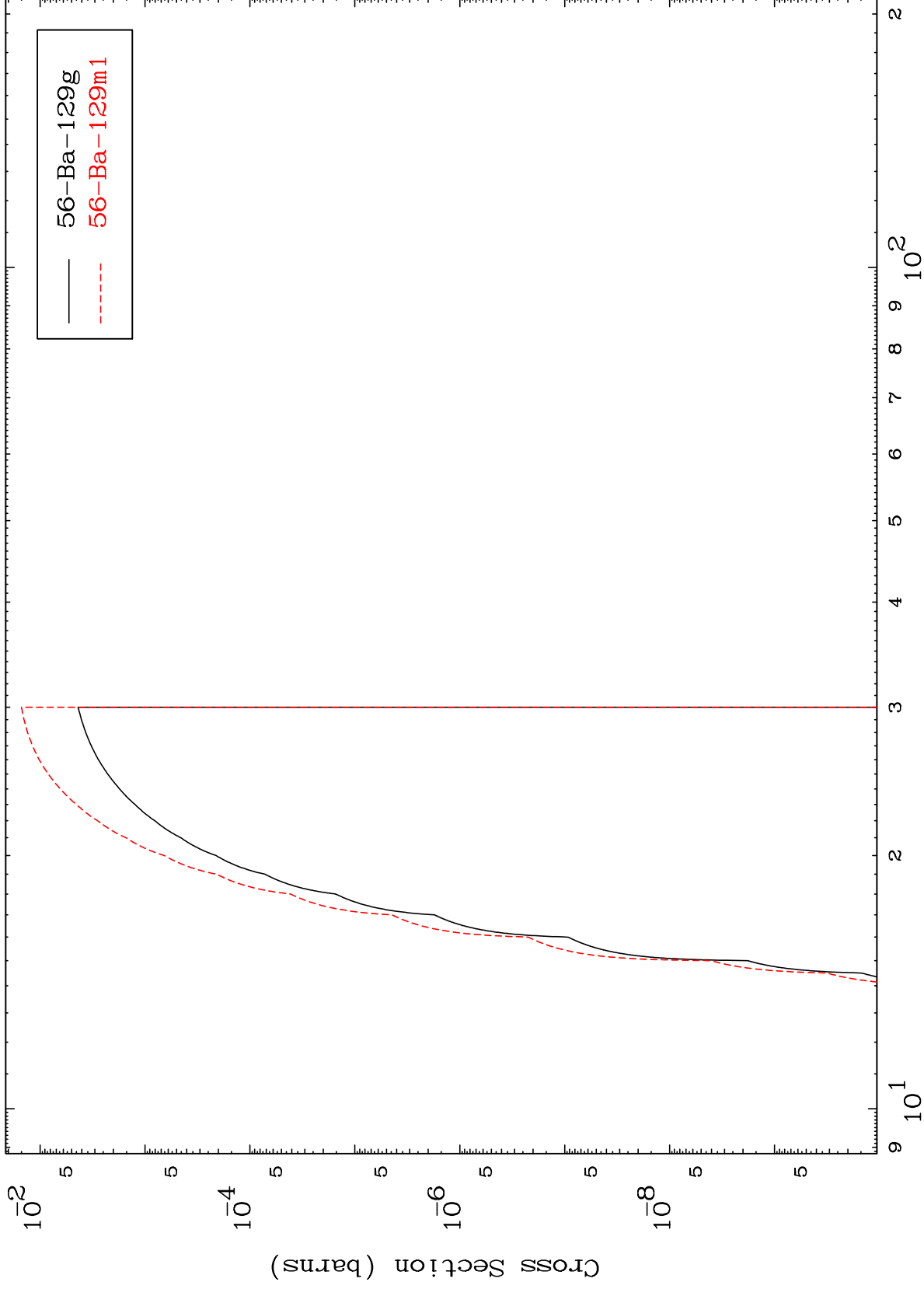




MAT 5811

58-Ce-131m

(n,2n) p  
Radionuclide Production Cross Section



58-Ce-131m

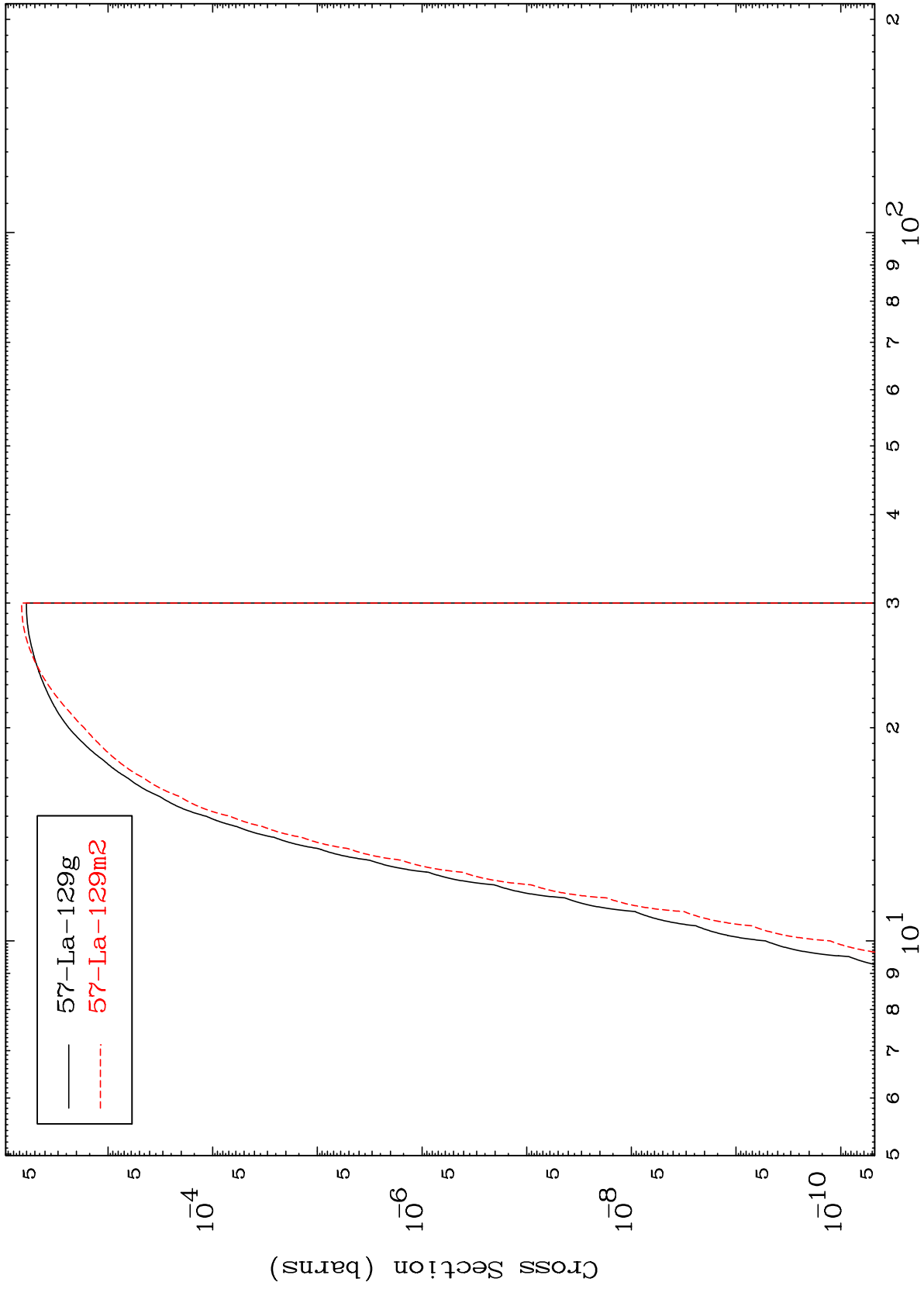
Incident Energy (MeV)

29

MAT 5811

58-Ce-131m

(n, t)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

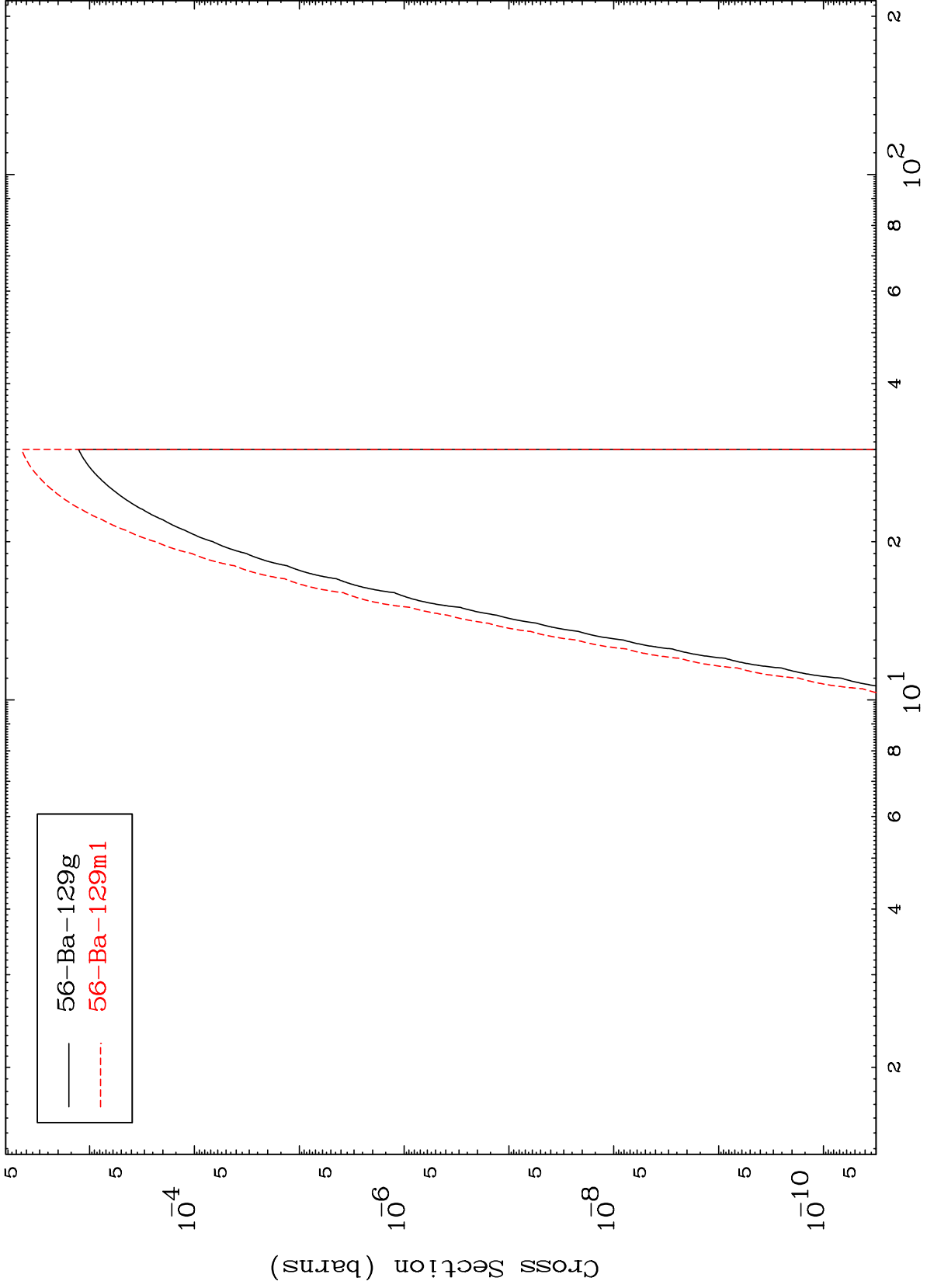
58-Ce-131m

MAT 5811

(n,He-3)

58-Ce-131m

Radionuclide Production Cross Section



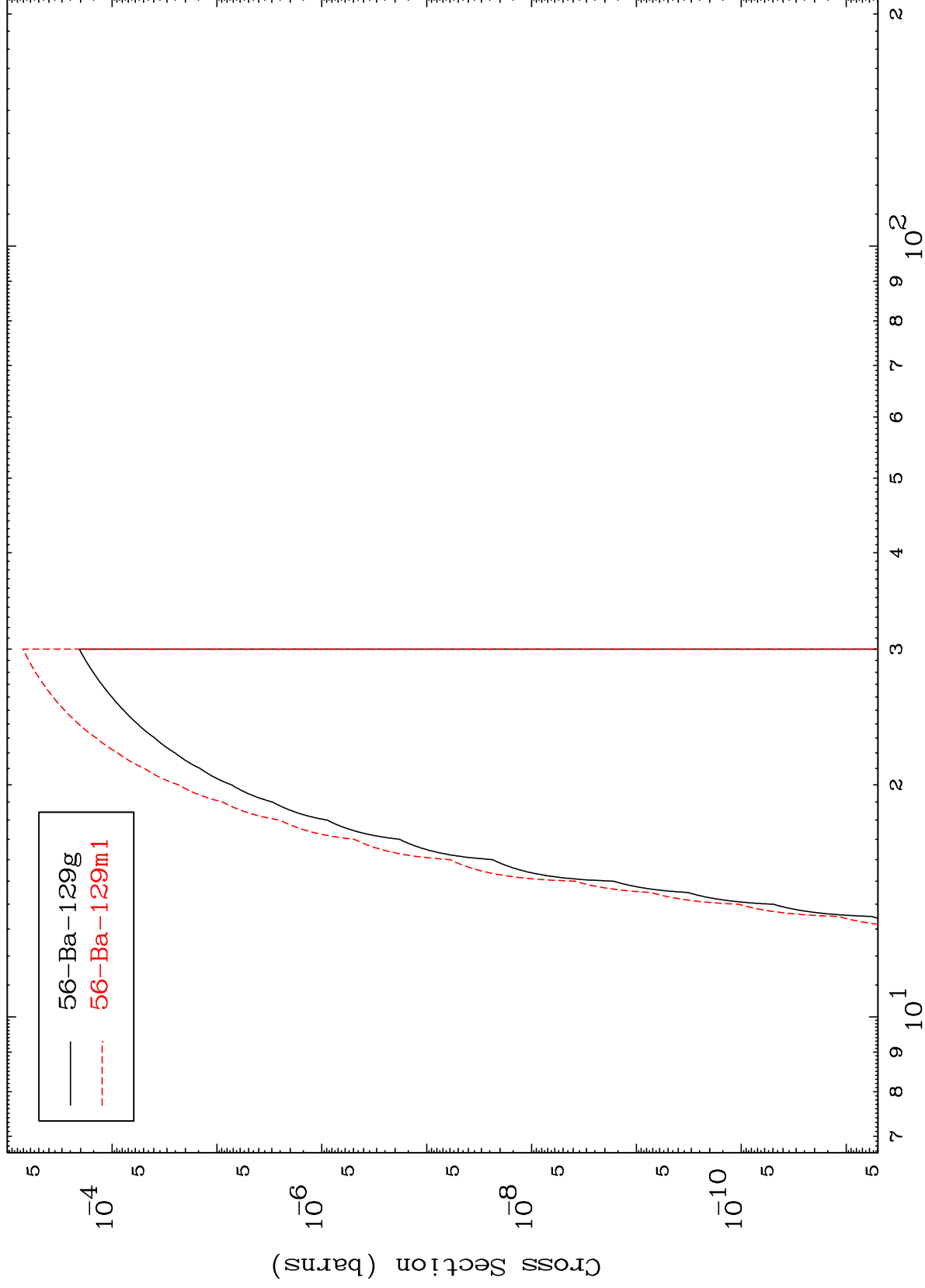


MAT 5811

(n,p) d

58-Ce-131m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

58-Ce-131m