

Program EVALPLOT  
(Version 2015-2)

by

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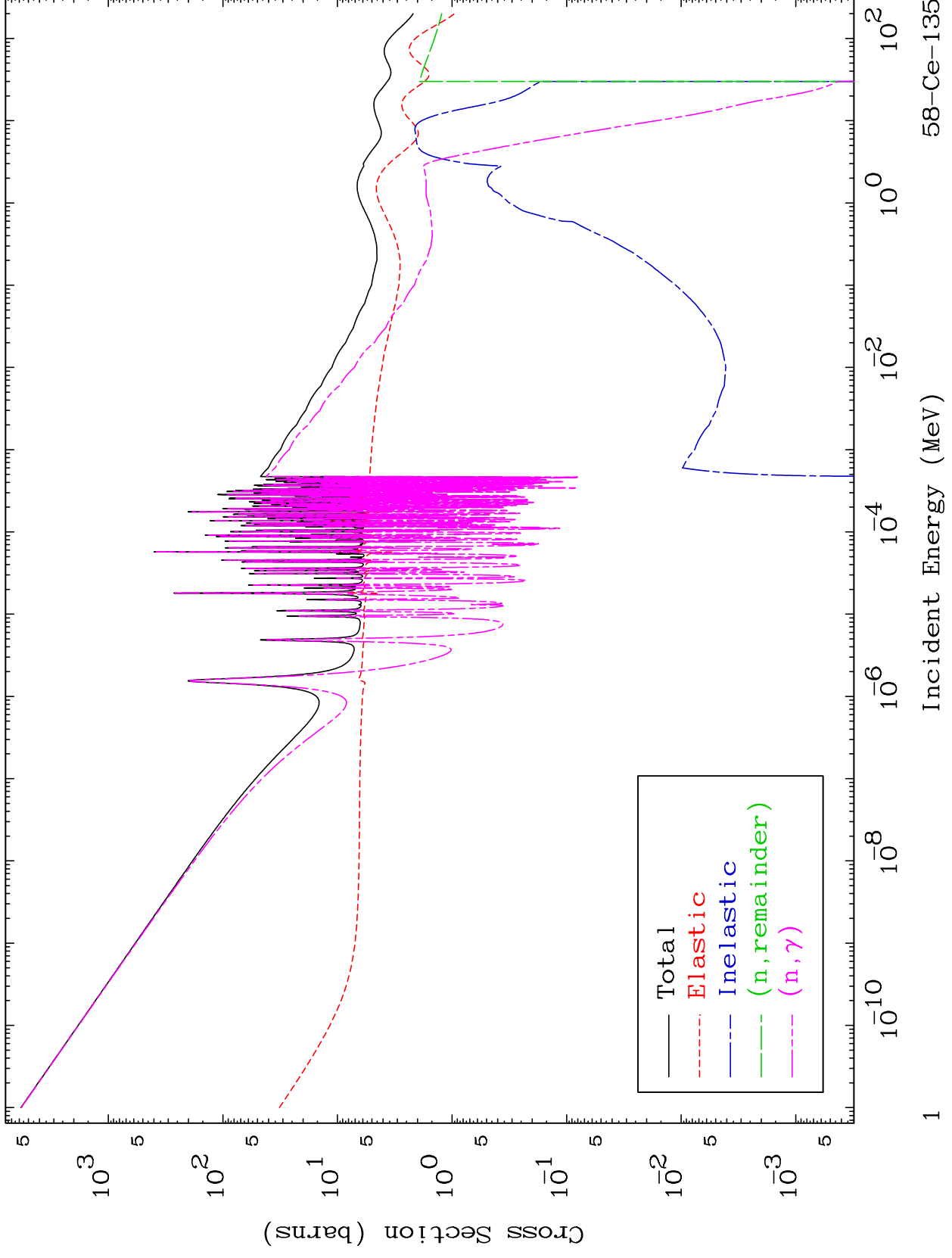
Press Mouse Button to Start

MAT 5823

Major

293 Kelvin Cross Sections

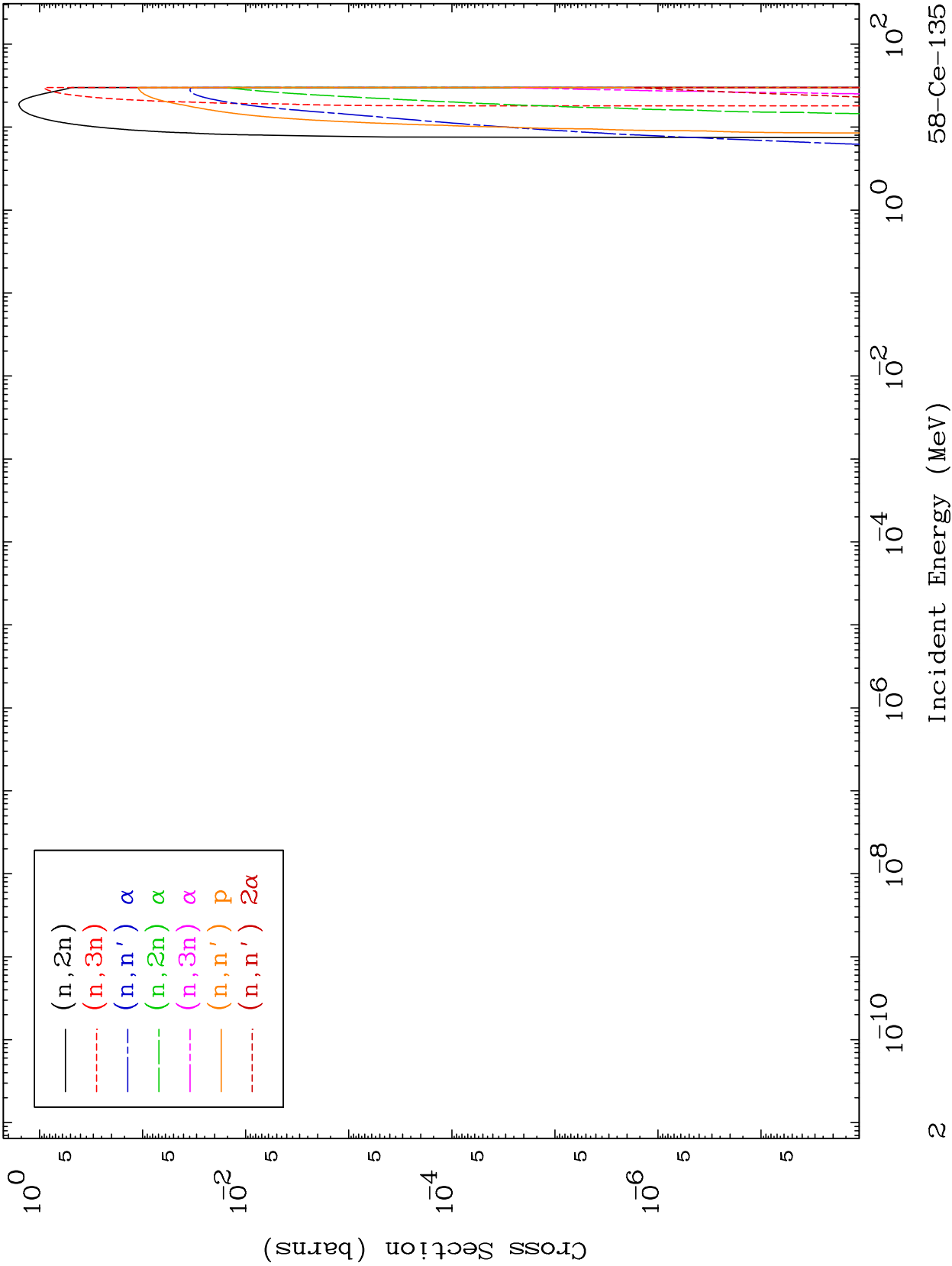
58-Ce-135

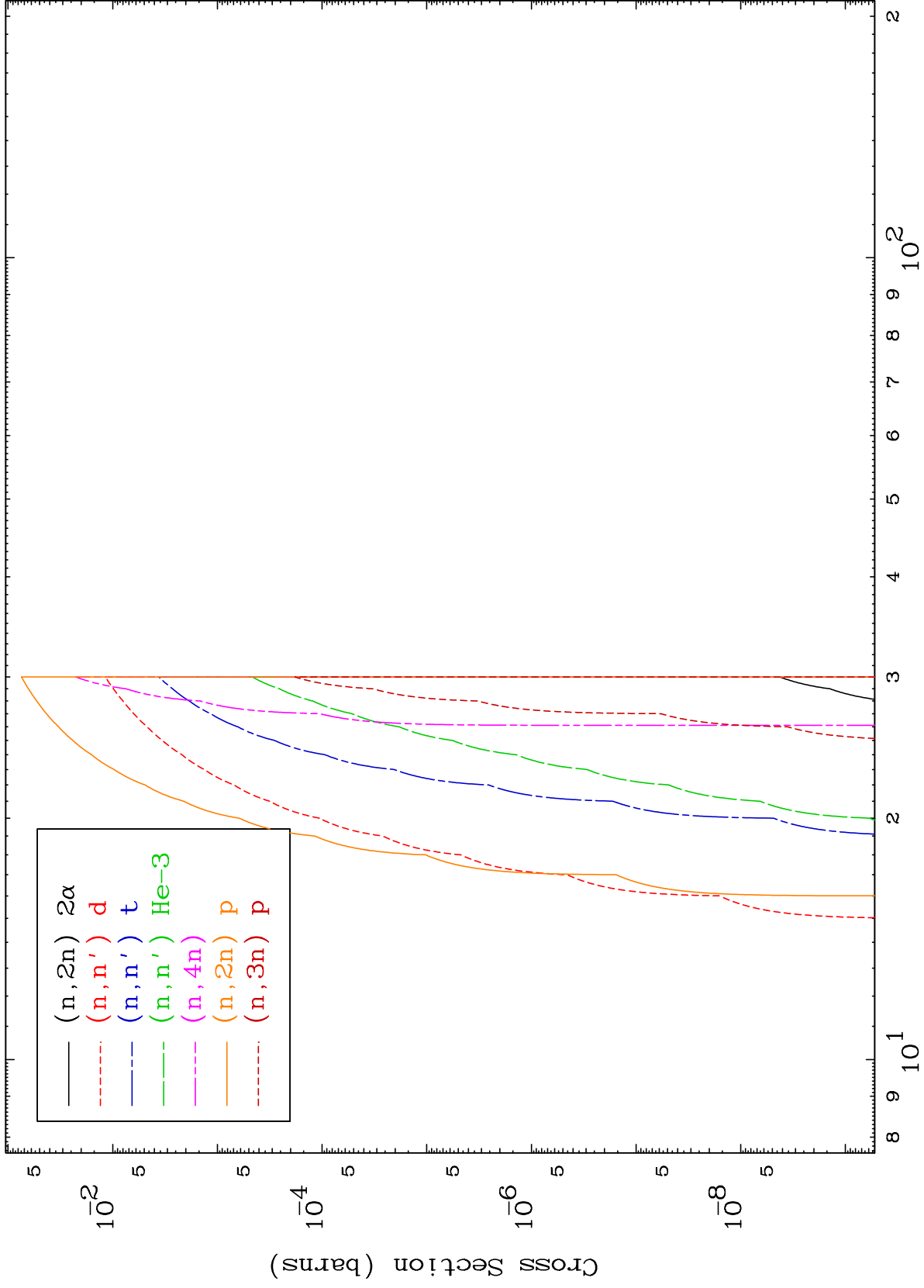


MAT 5823

Neutron Production  
293 Kelvin Cross Sections

58-Ce-135

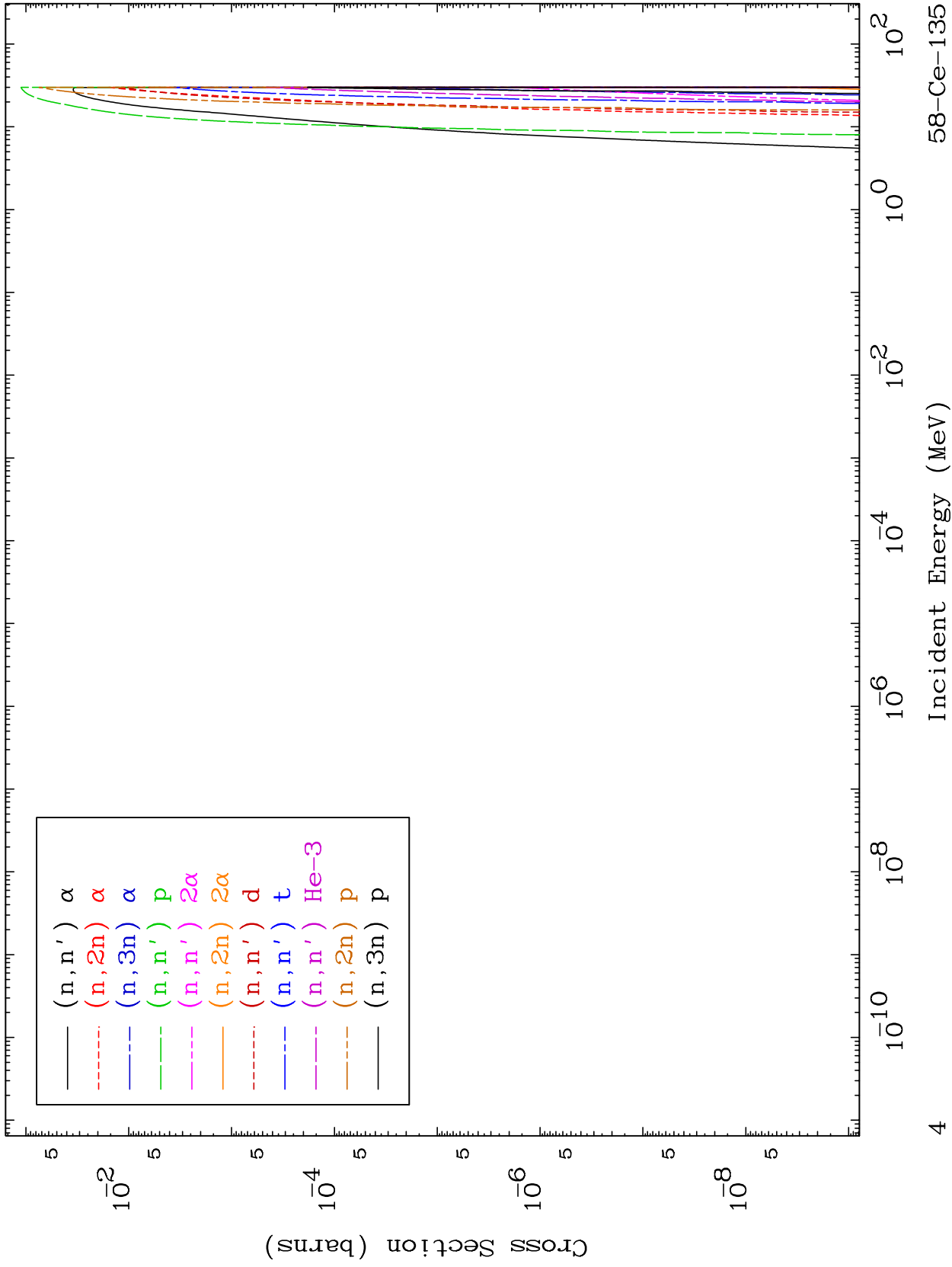




MAT 5823

Charged Particle  
293 Kelvin Cross Sections

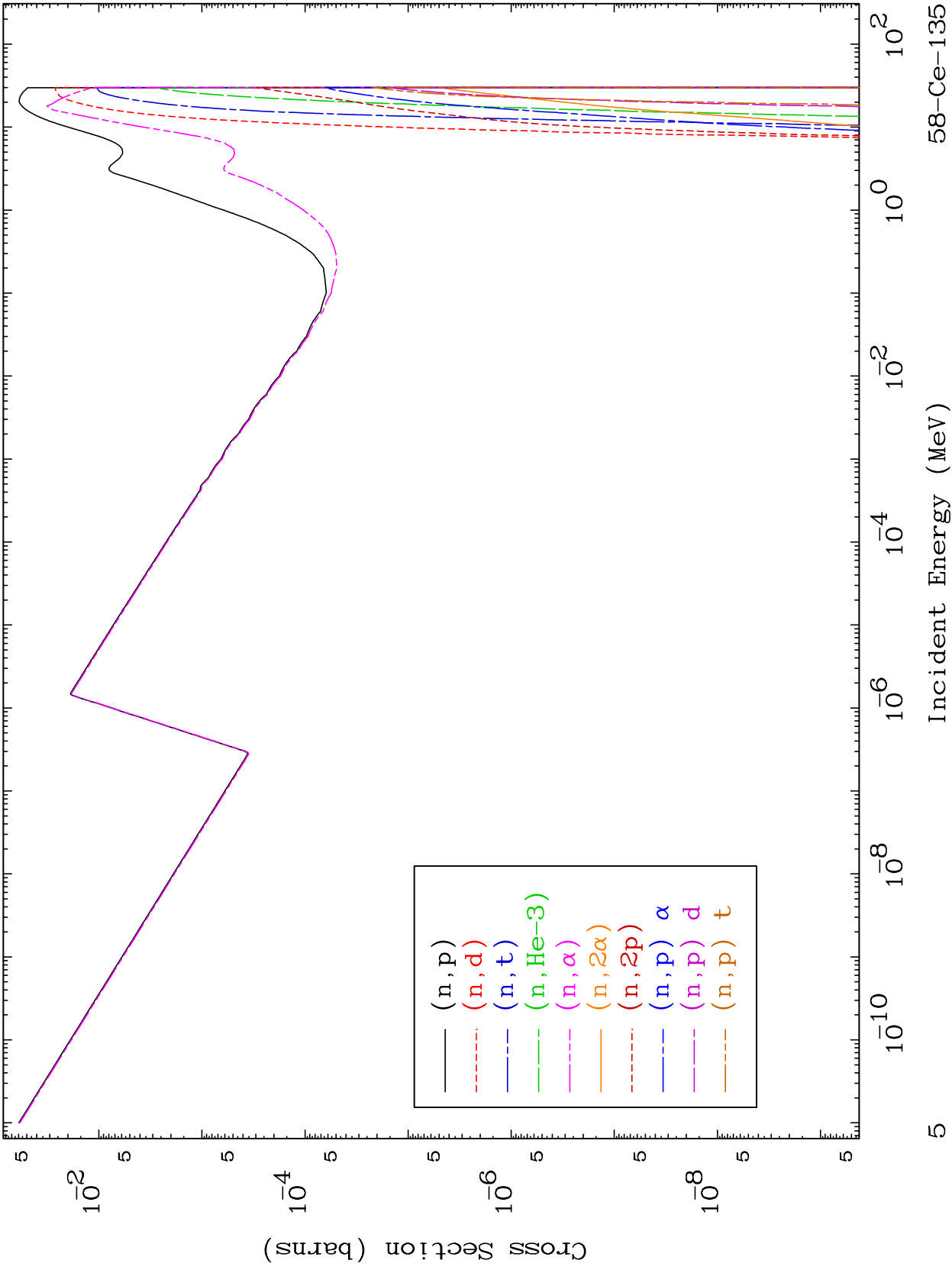
58-Ce-135



MAT 5823

Charged Particle  
293 Kelvin Cross Sections

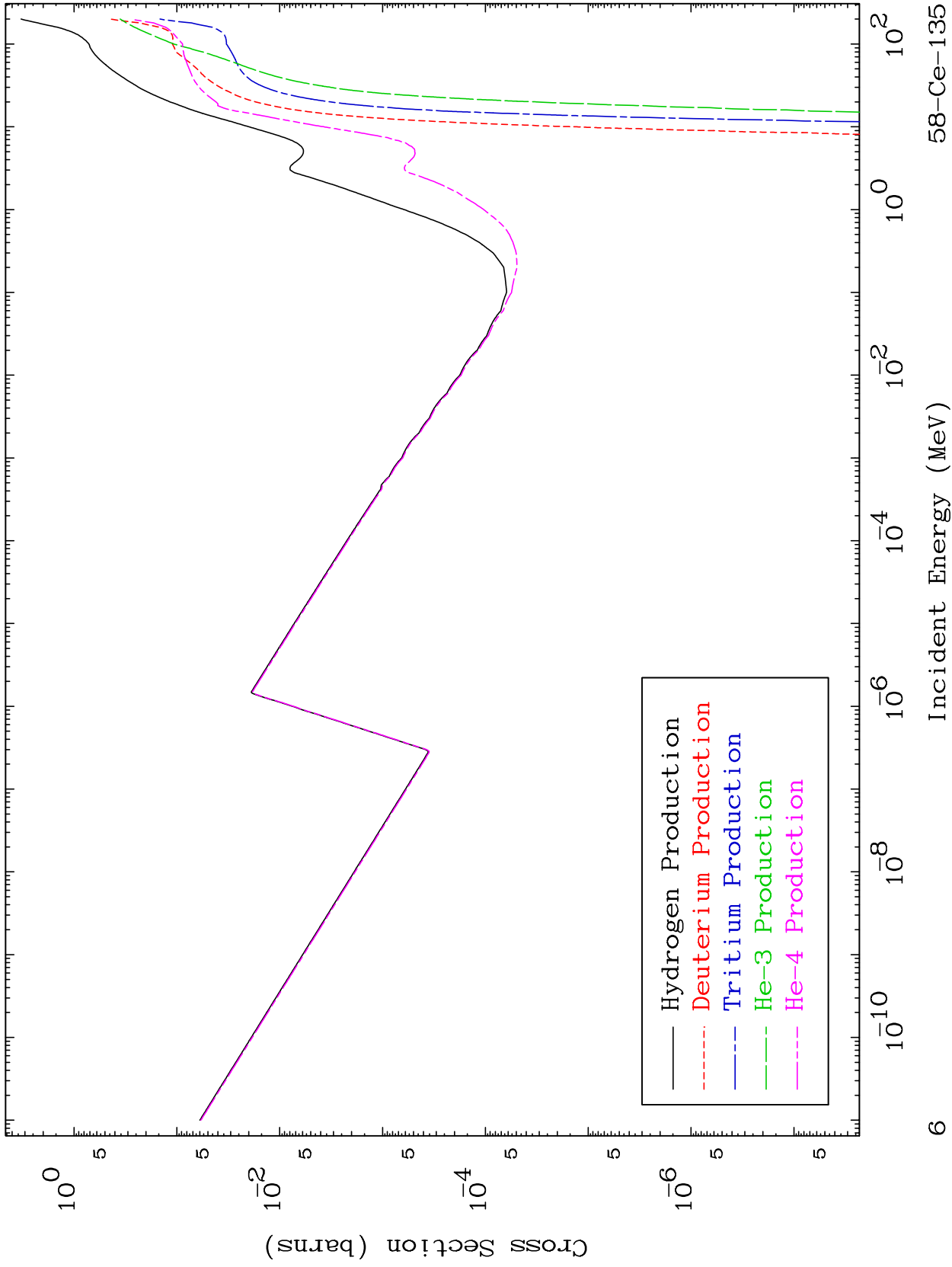
58-Ce-135



MAT 5823

Particle Production  
293 Kelvin Cross Sections

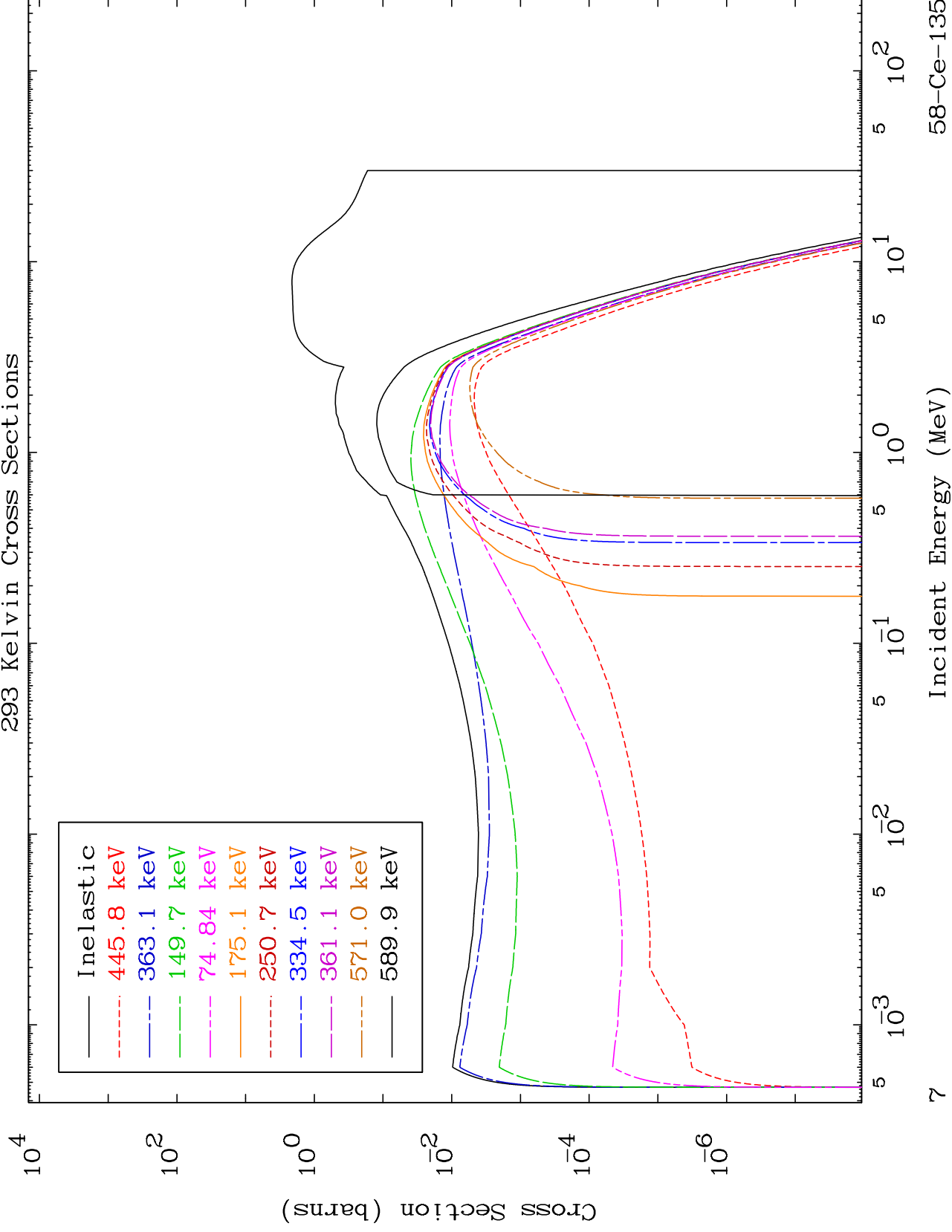
58-Ce-135



MAT 5823

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-135

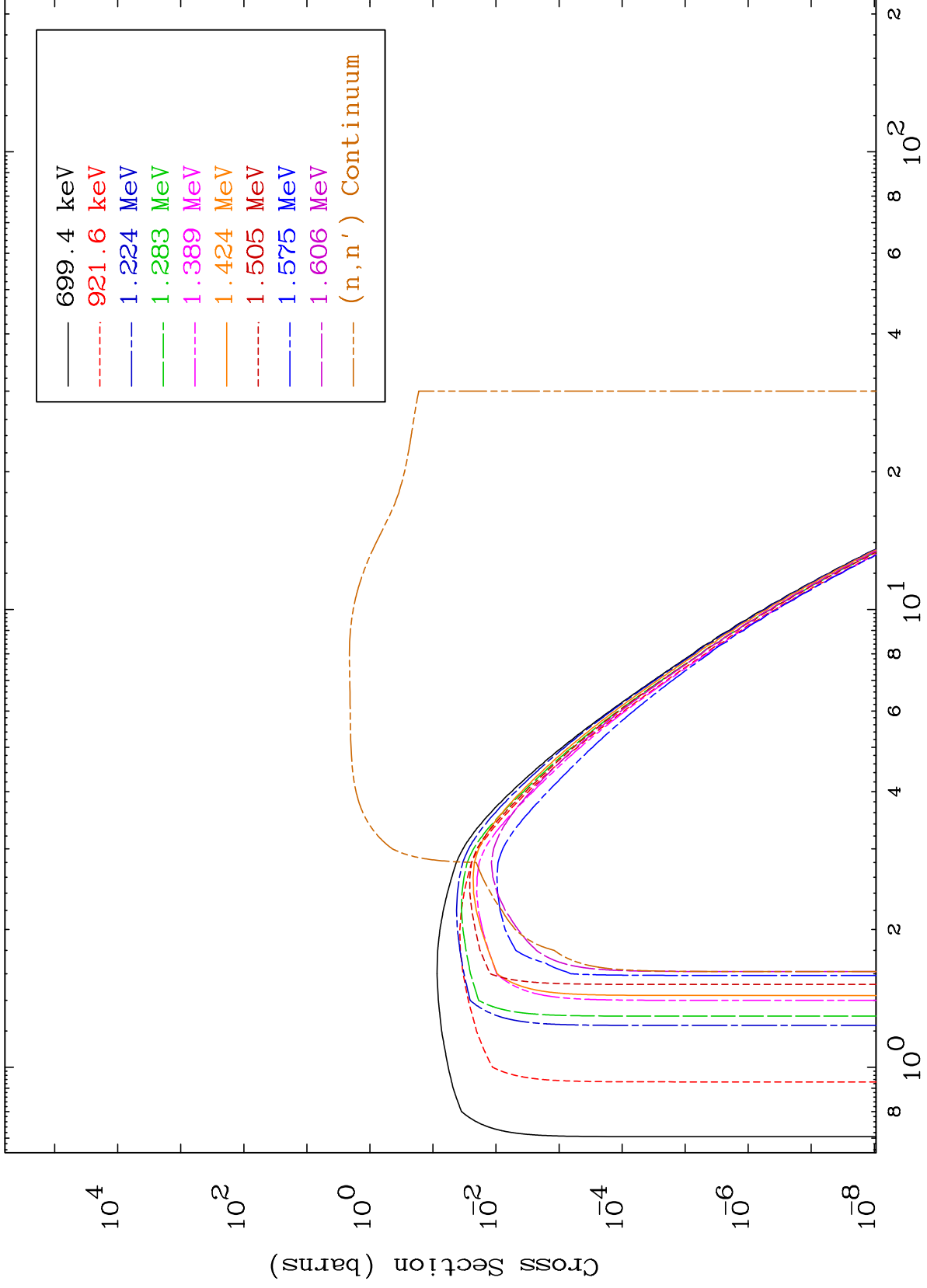




MAT 5823

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-135



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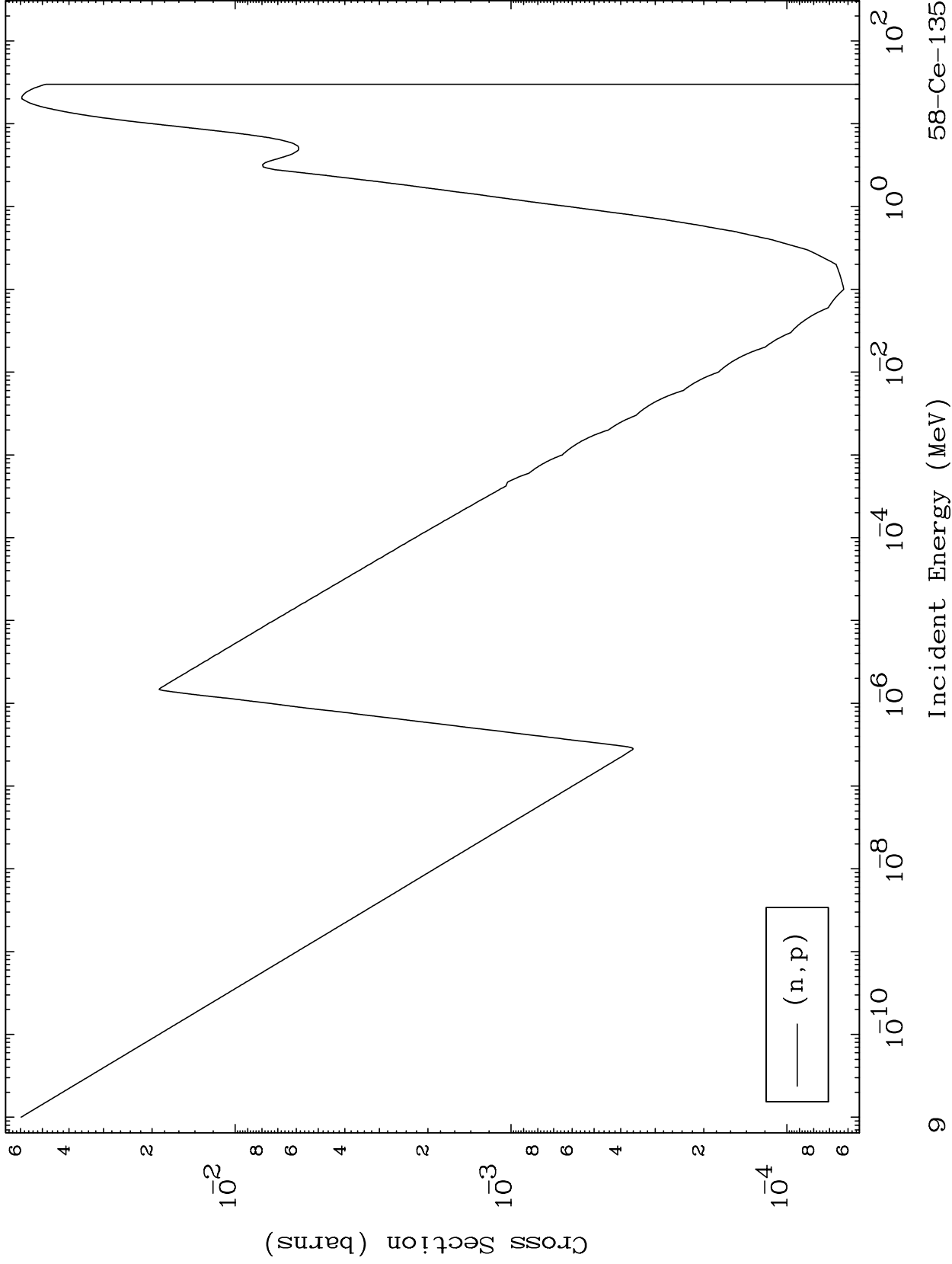
Incident Energy (MeV)

58-Ce-135

MAT 5823

(n,p) Levels  
293 Kelvin Cross Sections

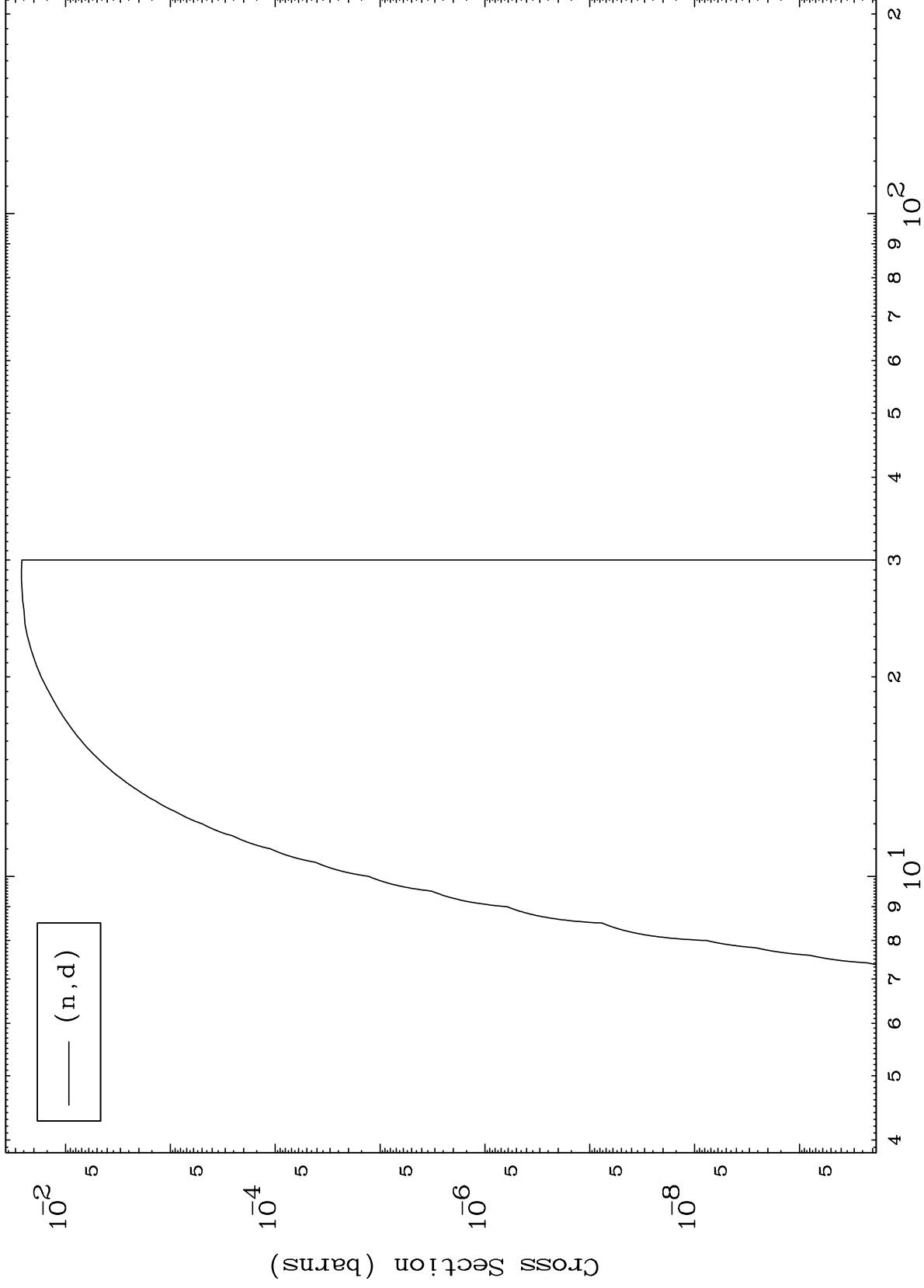
58-Ce-135



MAT 5823

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-135



Incident Energy (MeV)

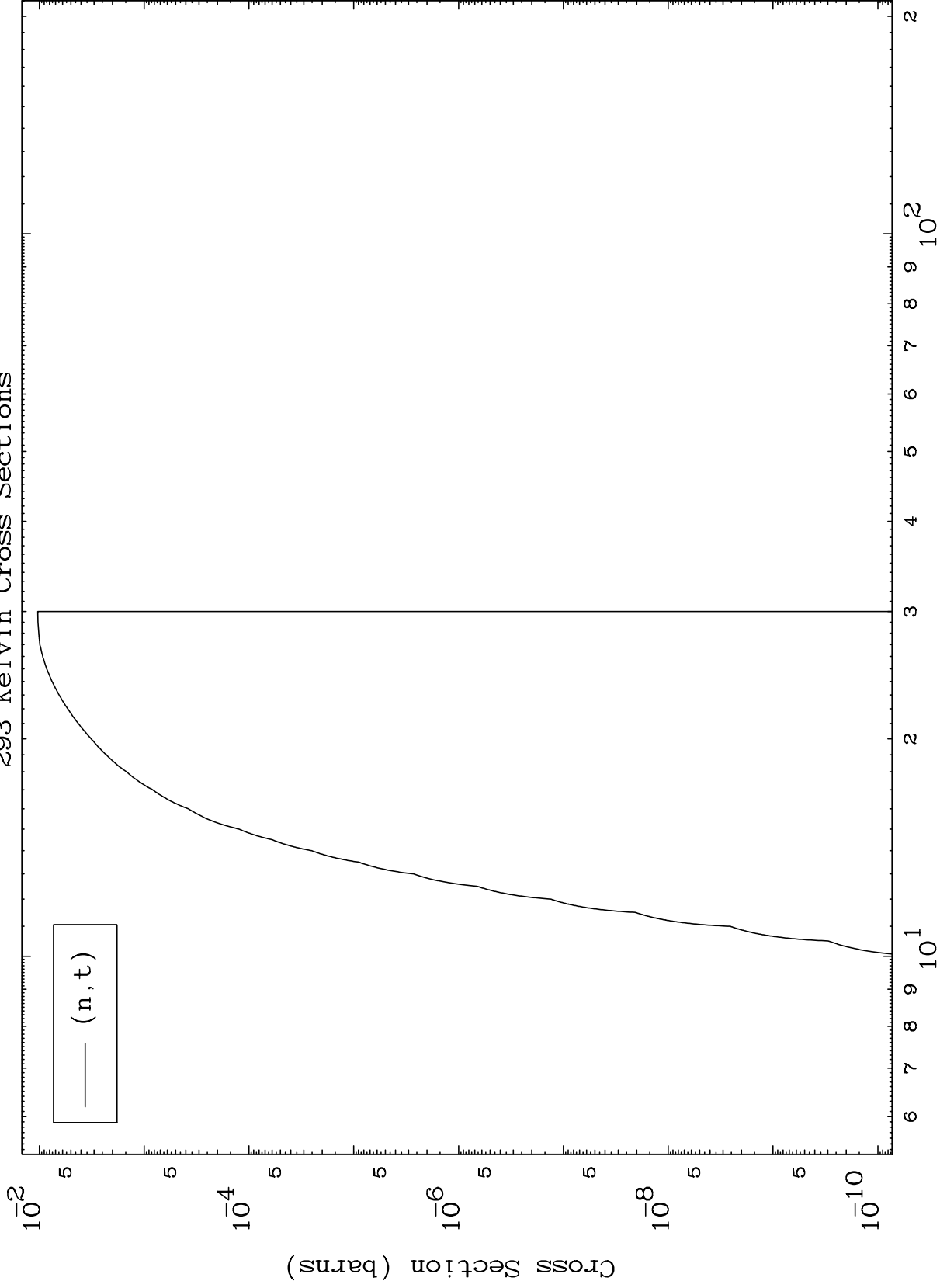
58-Ce-135

10

MAT 5823

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-135



11

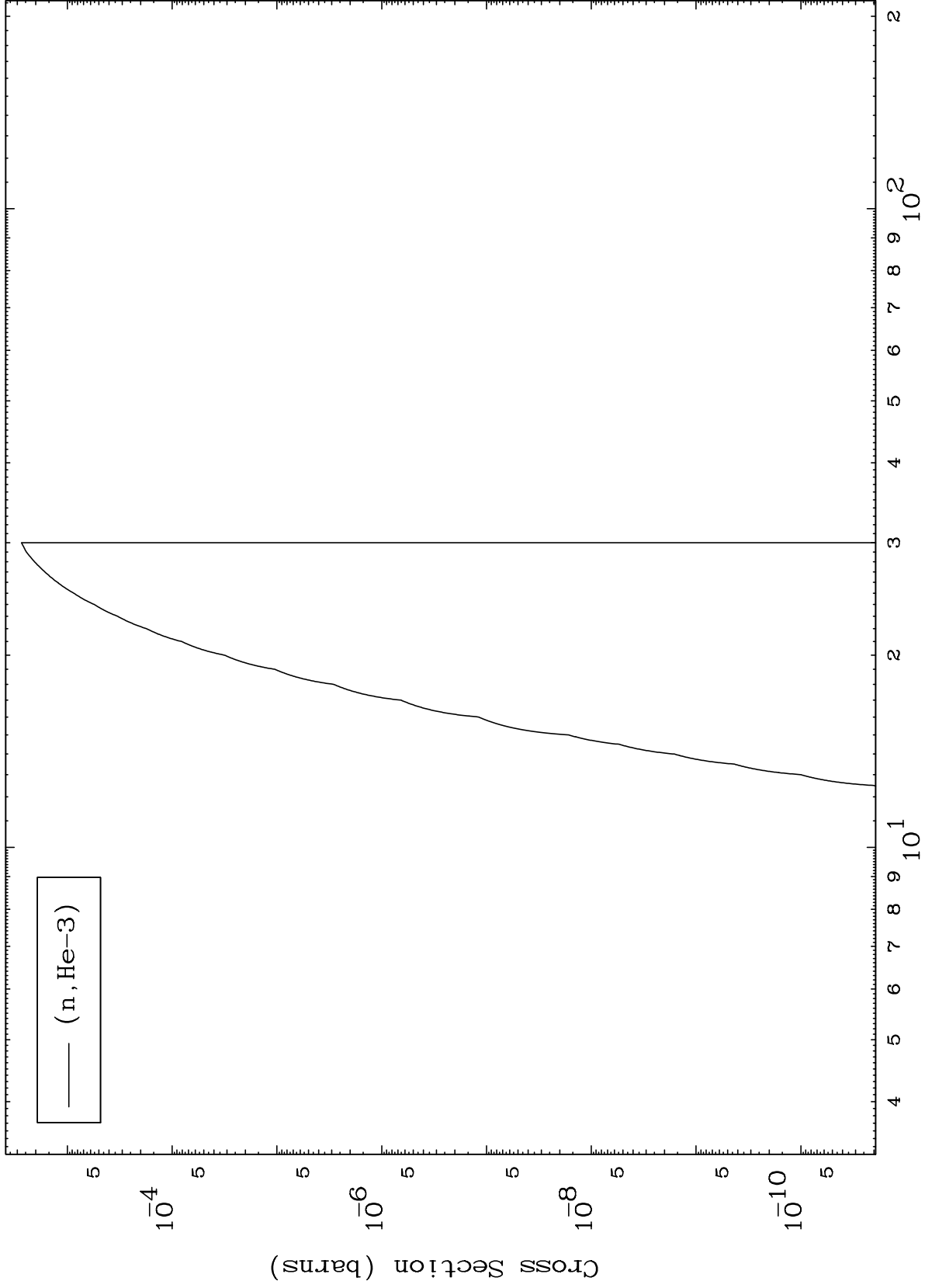
Incident Energy (MeV)

58-Ce-135

MAT 5823

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-135



12

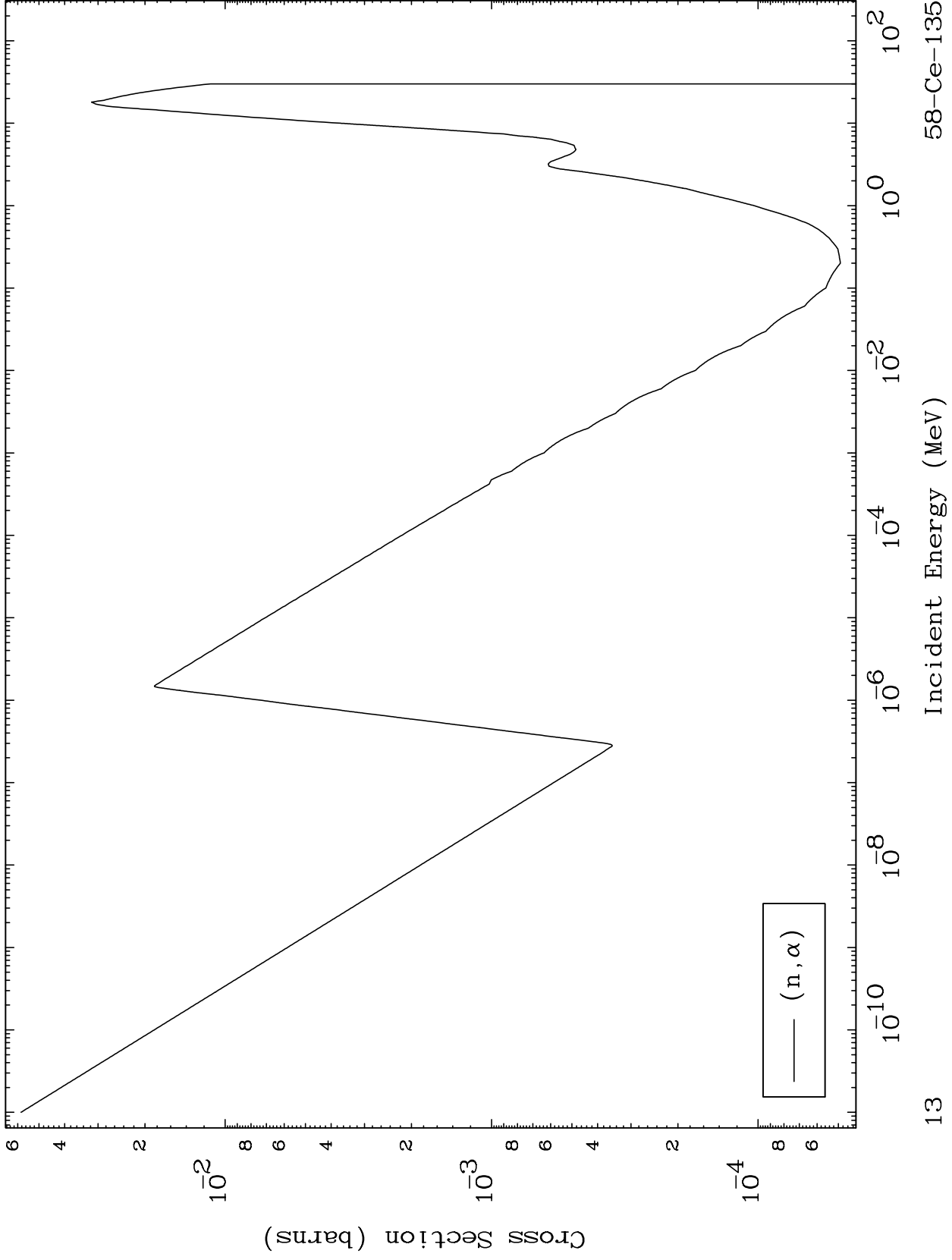
Incident Energy (MeV)

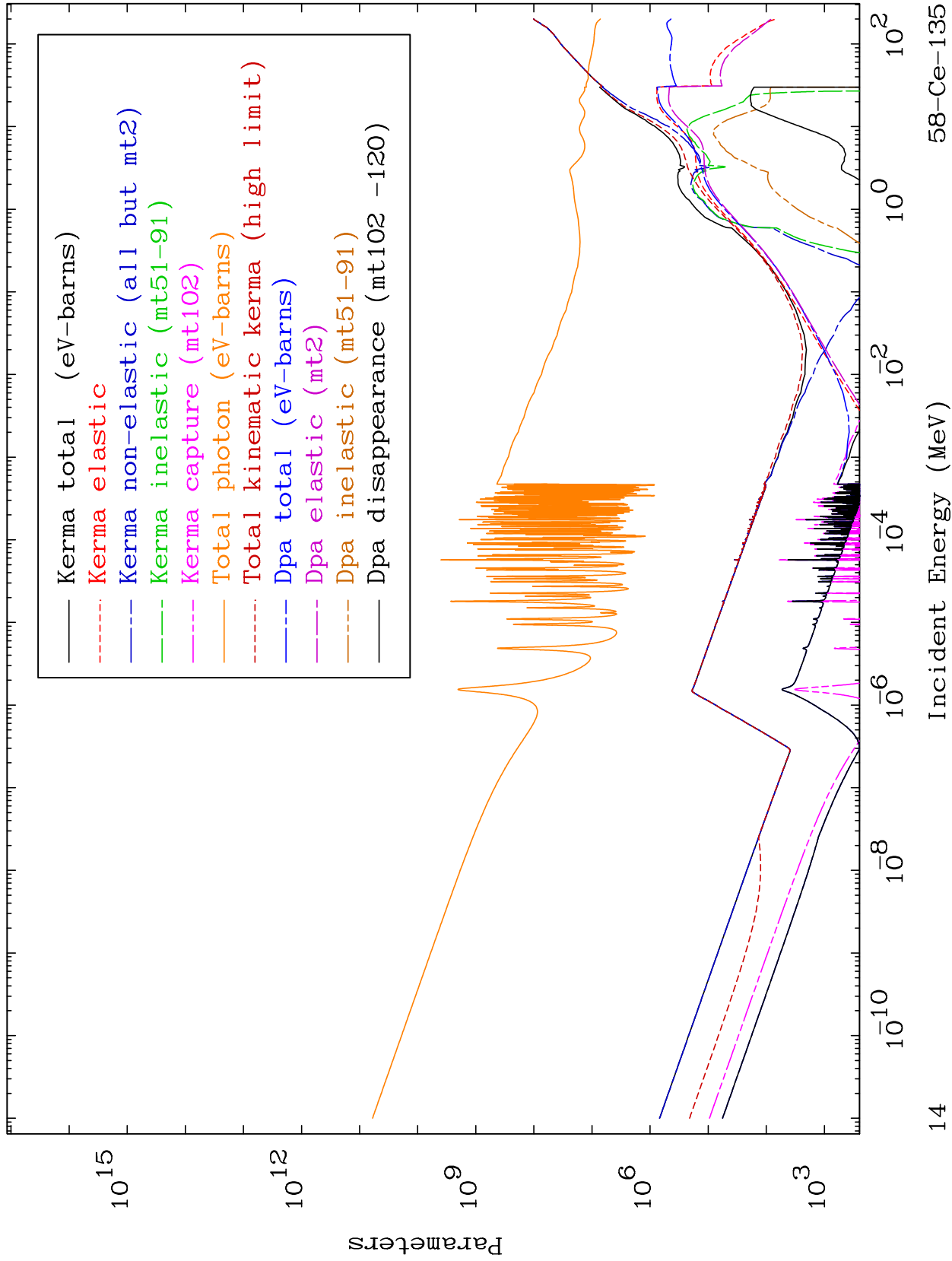
58-Ce-135

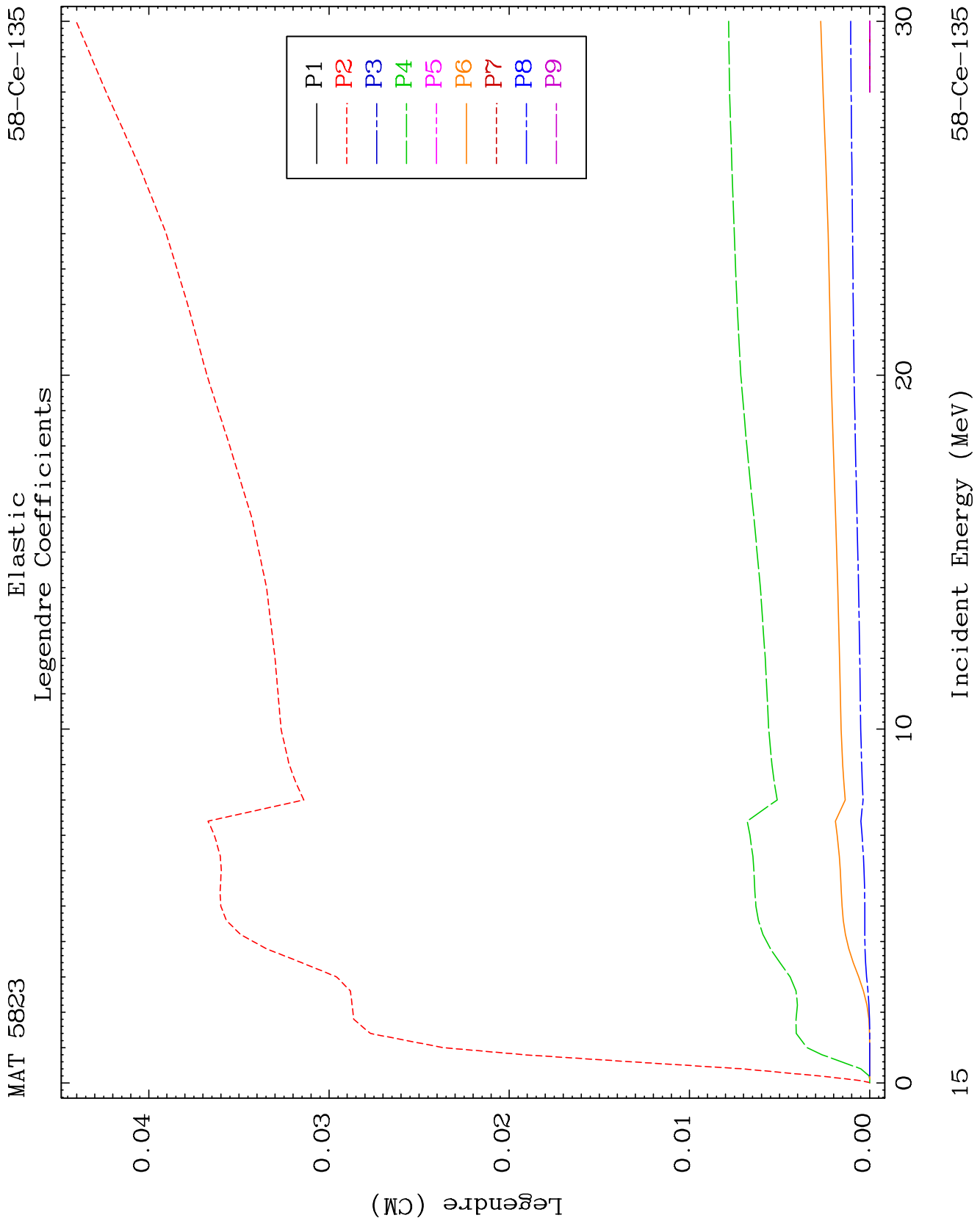
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(n,α) Levels  
293 Kelvin Cross Sections

58-Ce-135





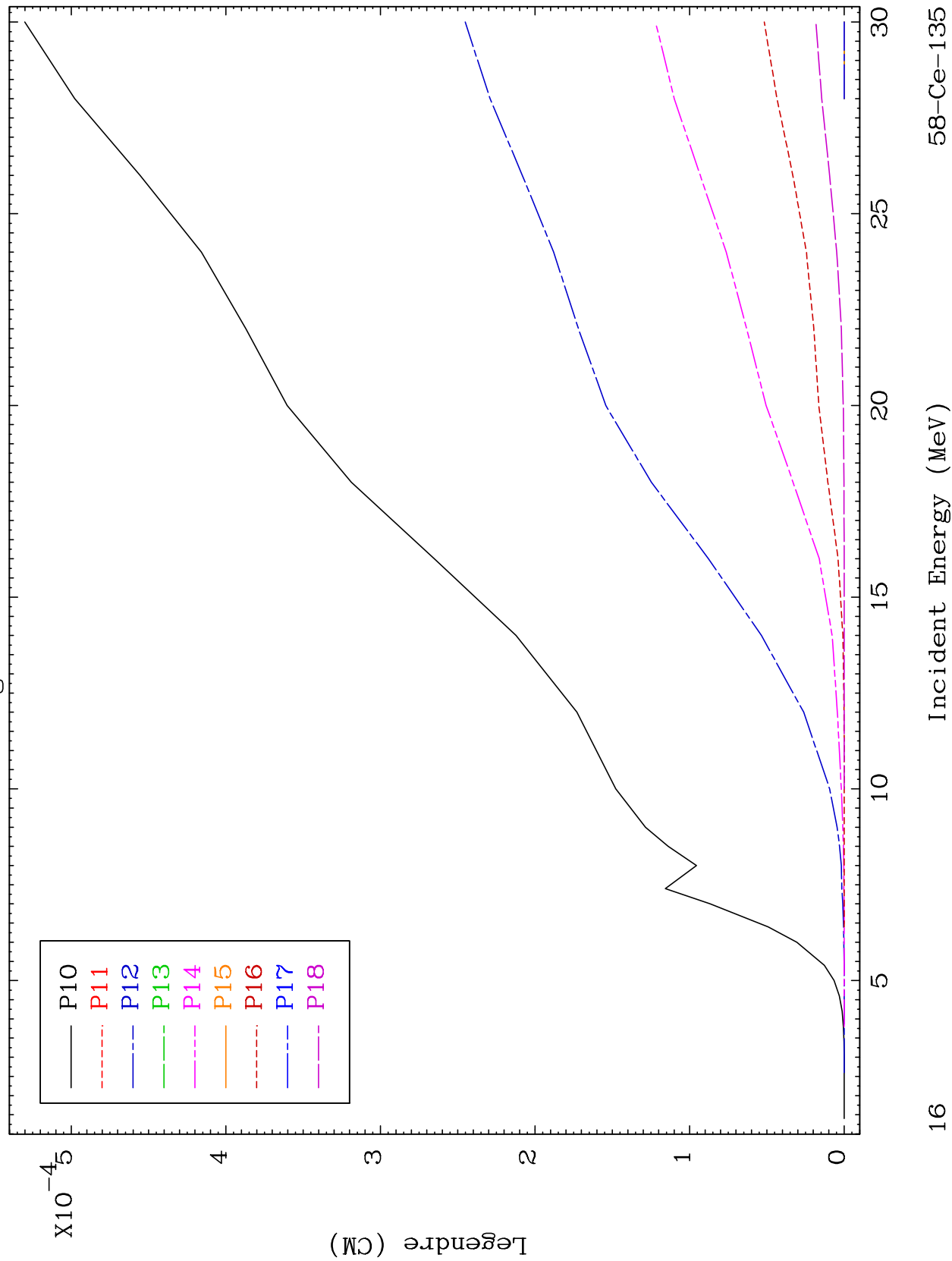




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Elastic Legendre Coefficients

58-Ce-135



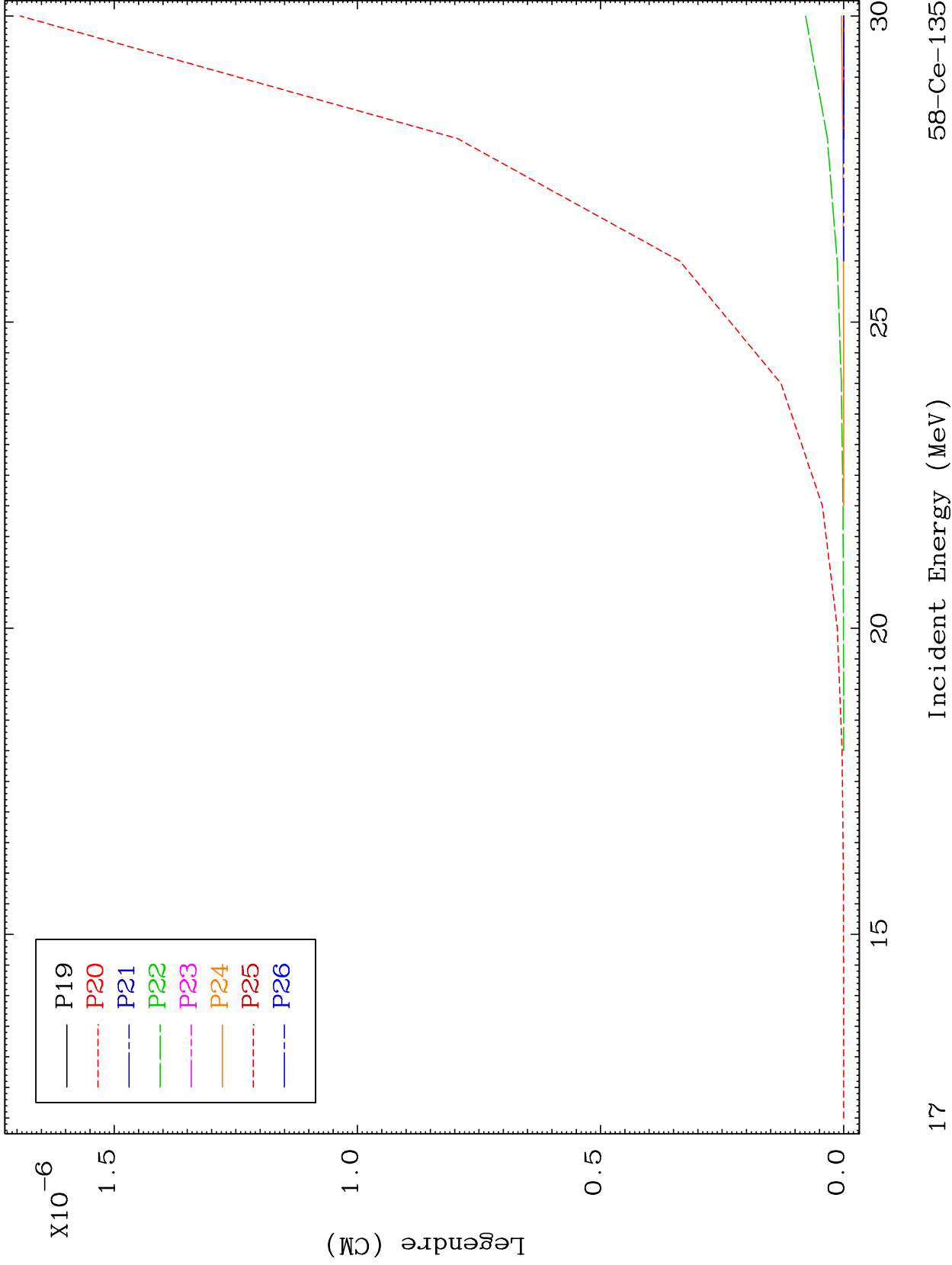
16

58-Ce-135

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### Elastic Legendre Coefficients

58-Ce-135



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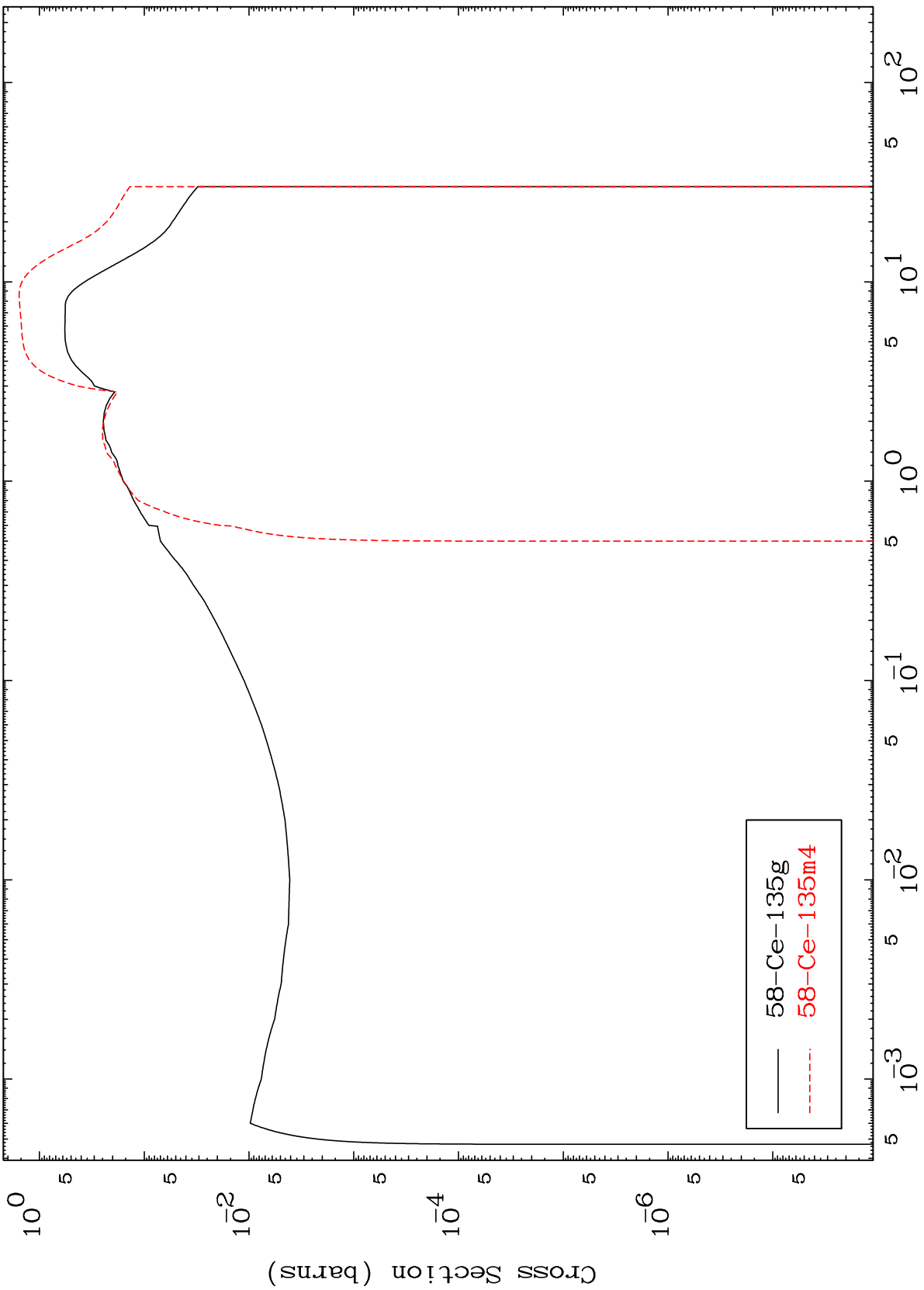
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

Inelastic  
Radionuclide Production Cross Section



— 58-Ce-135g  
- - - 58-Ce-135m4

58-Ce-135

Incident Energy (MeV)

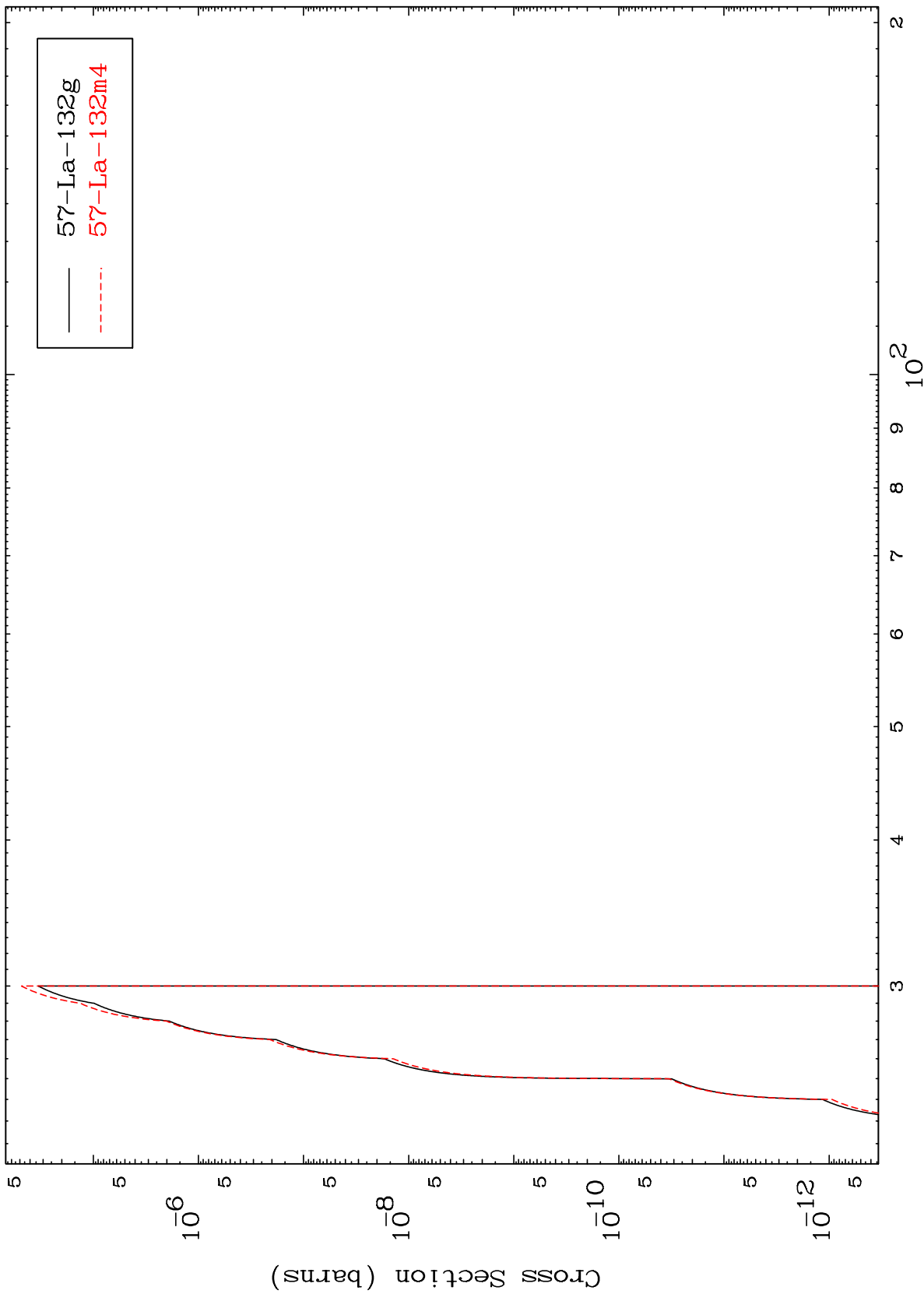
18

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(n,2n) d

58-Ce-135

Radionuclide Production Cross Section



19

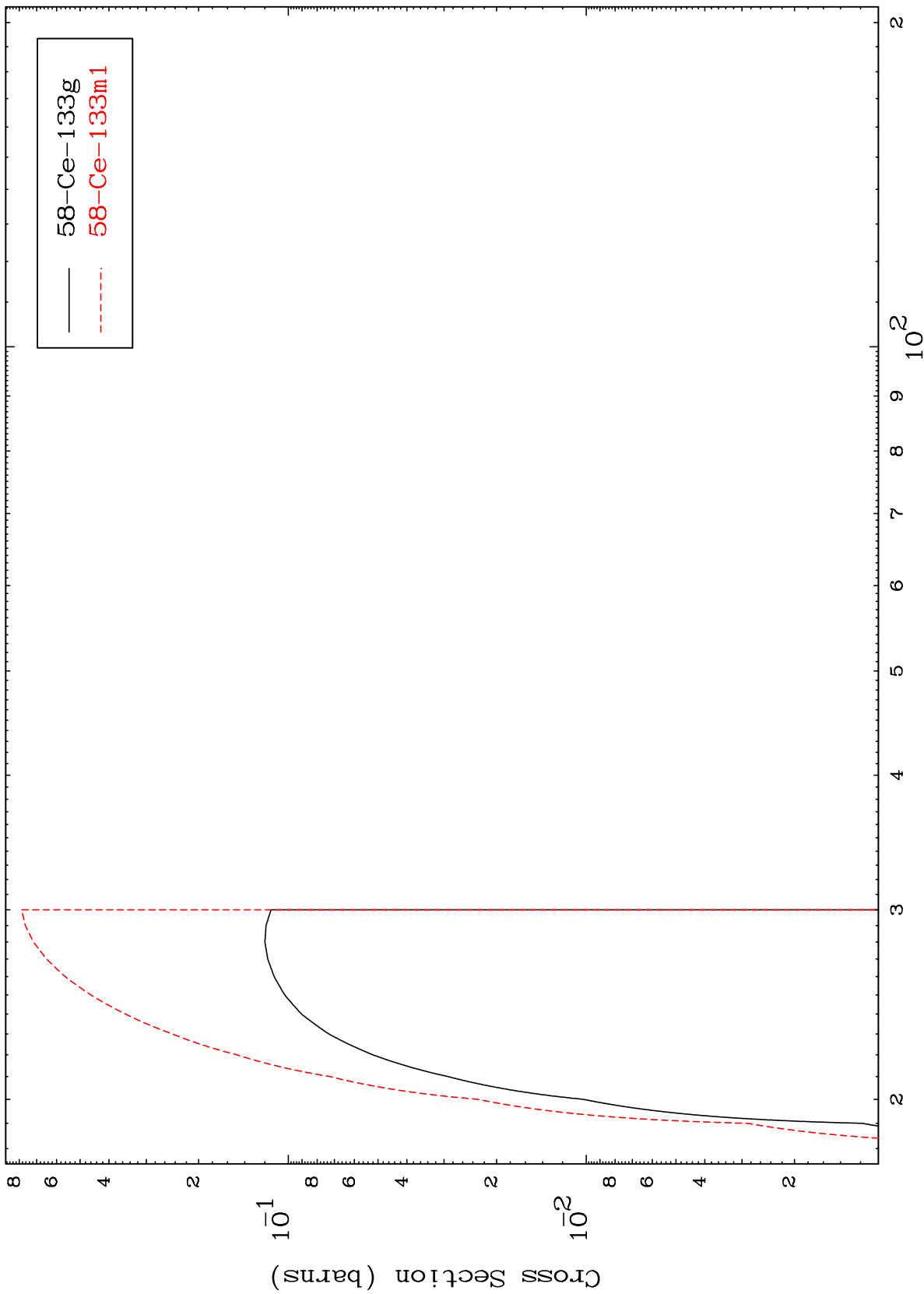
Incident Energy (MeV)

58-Ce-135

MAT 5823

58-Ce-135

(n,3n)  
Radionuclide Production Cross Section



58-Ce-135

Incident Energy (MeV)

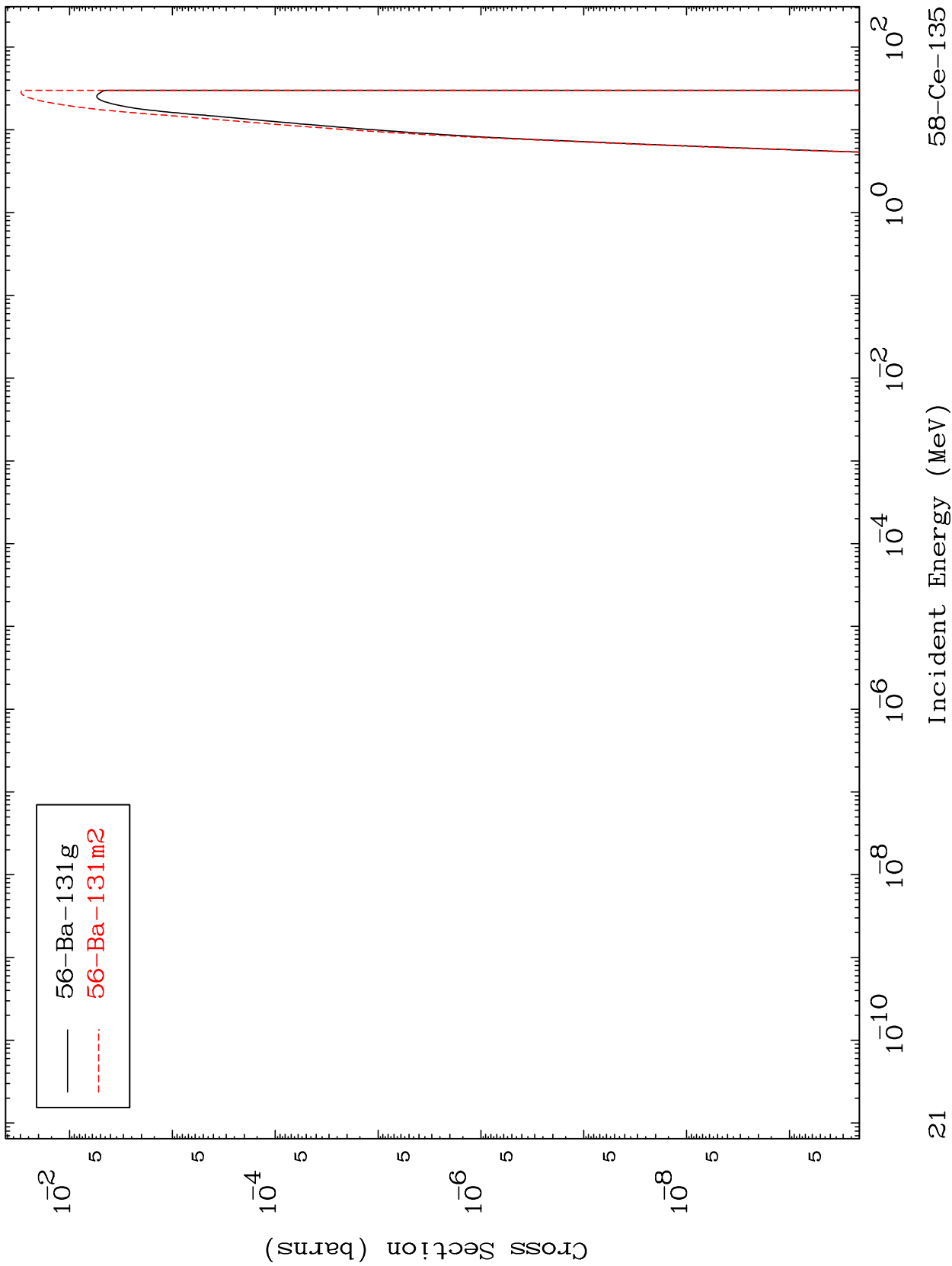
20

MAT 5823

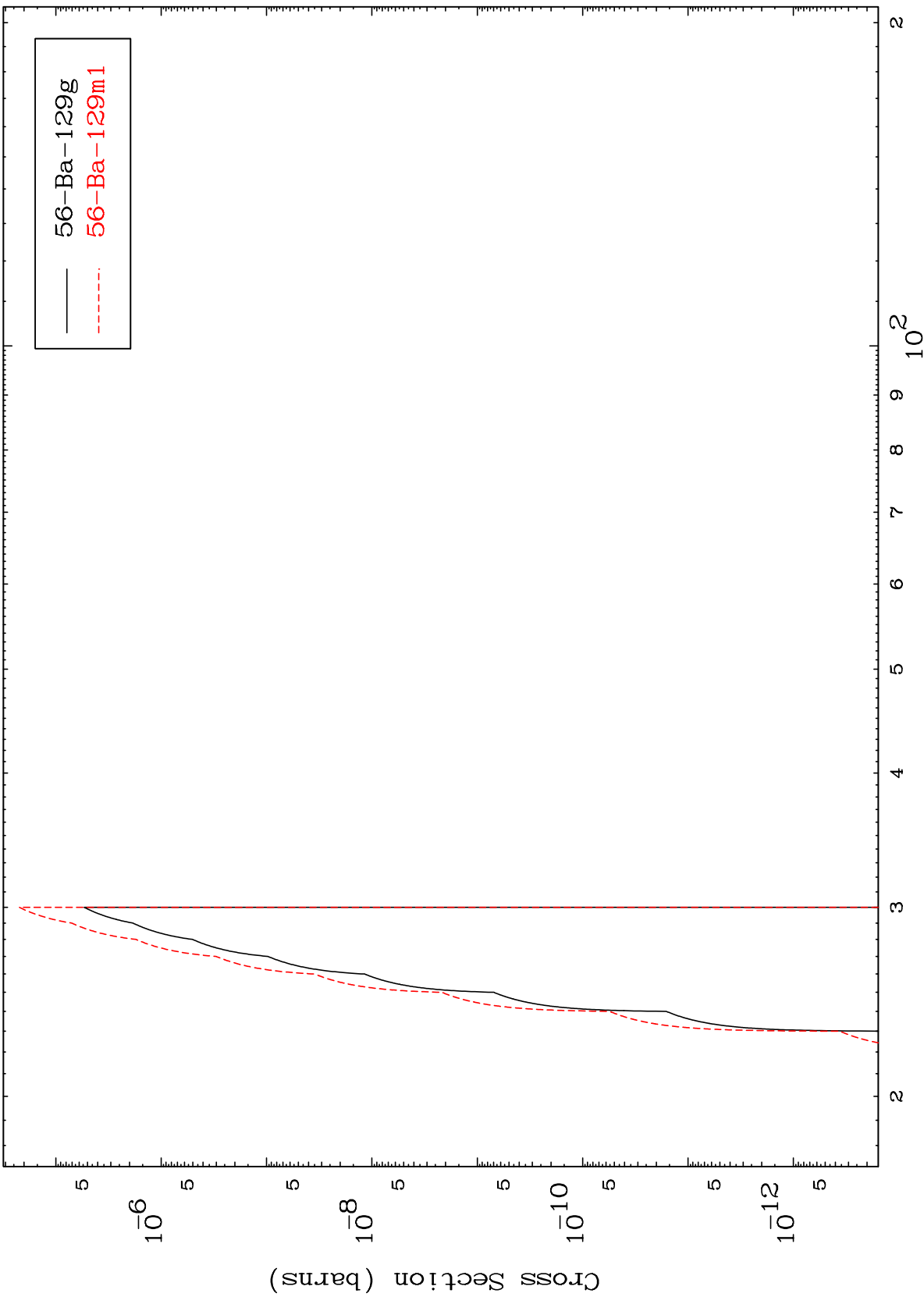
(n,n')  $\alpha$

58-Ce-135

Radionuclide Production Cross Section



Radionuclide Production Cross Section

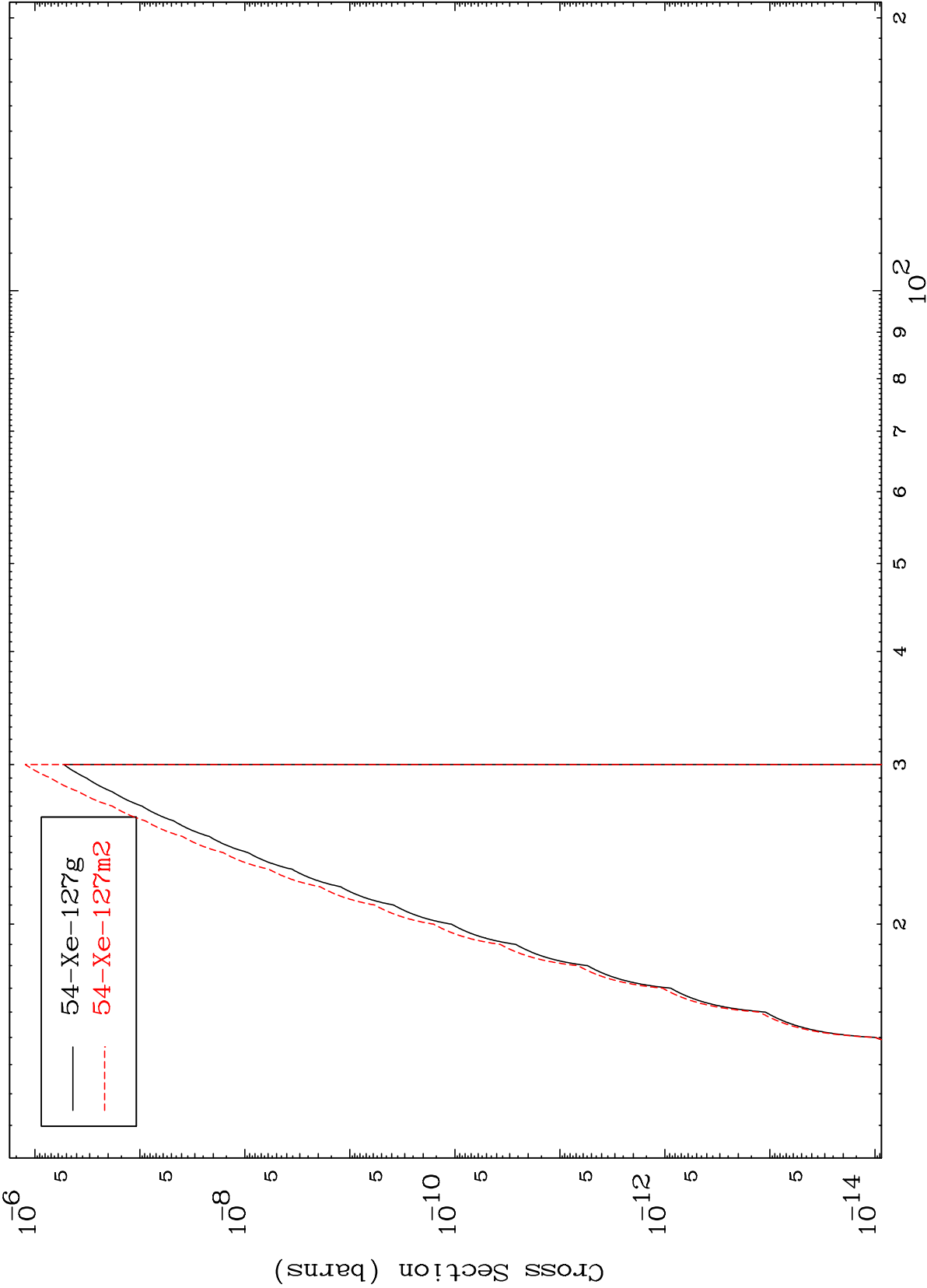


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(n,n') 2α

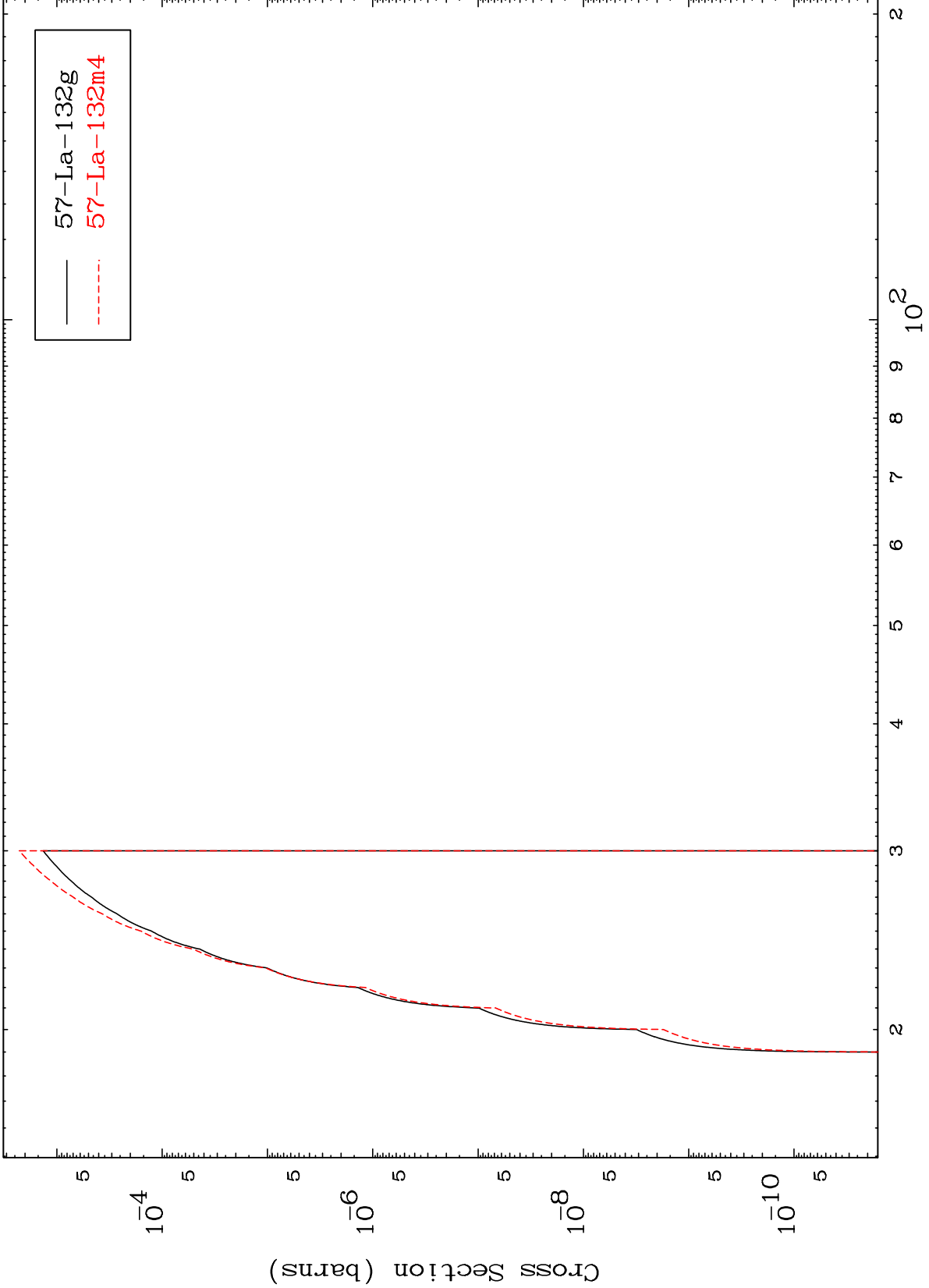
58-Ce-135

Radionuclide Production Cross Section





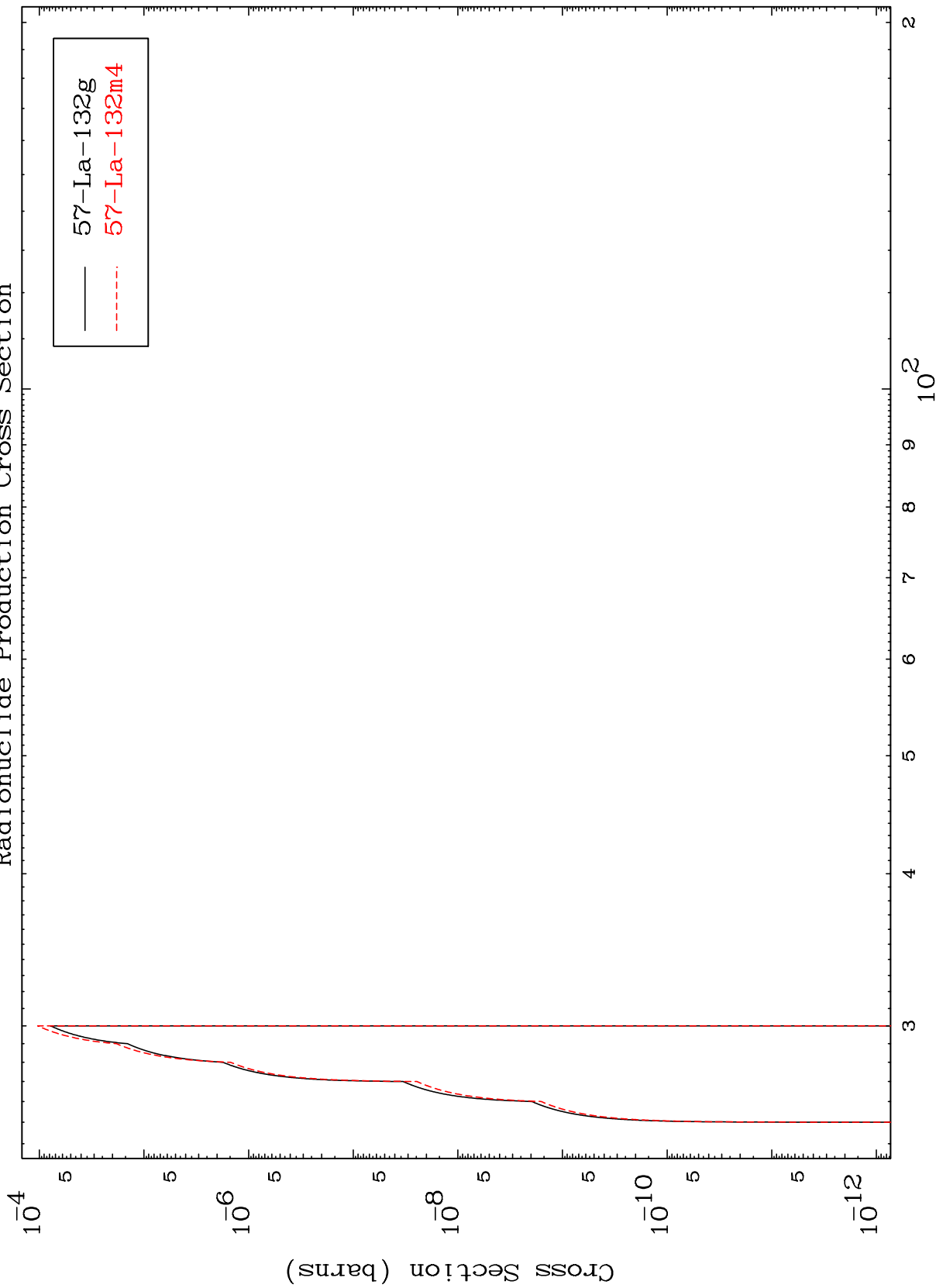
Radionuclide Production Cross Section



MAT 5823

58-Ce-135

(n,3n) p  
Radionuclide Production Cross Section

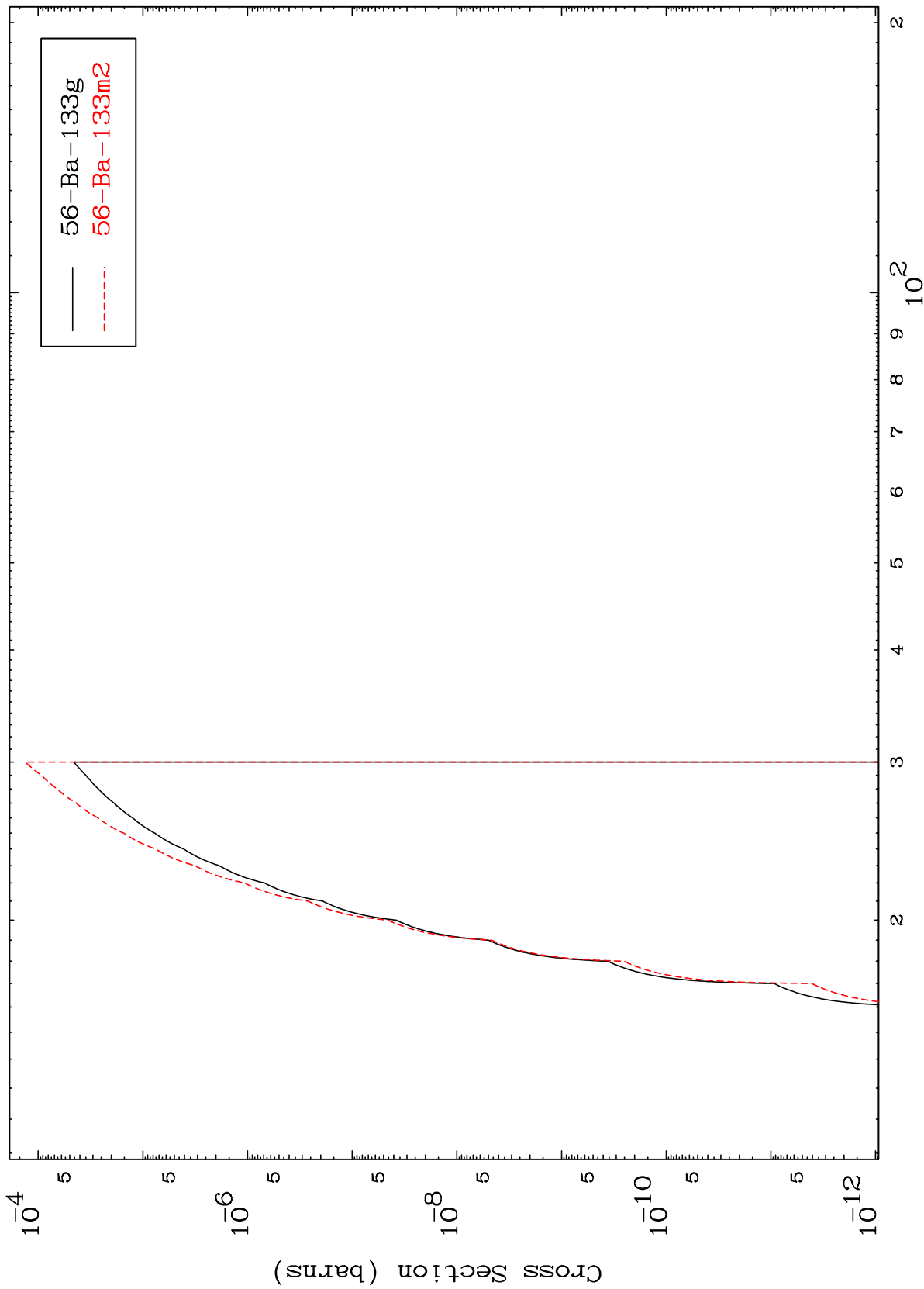


58-Ce-135

Incident Energy (MeV)

25

Radionuclide Production Cross Section

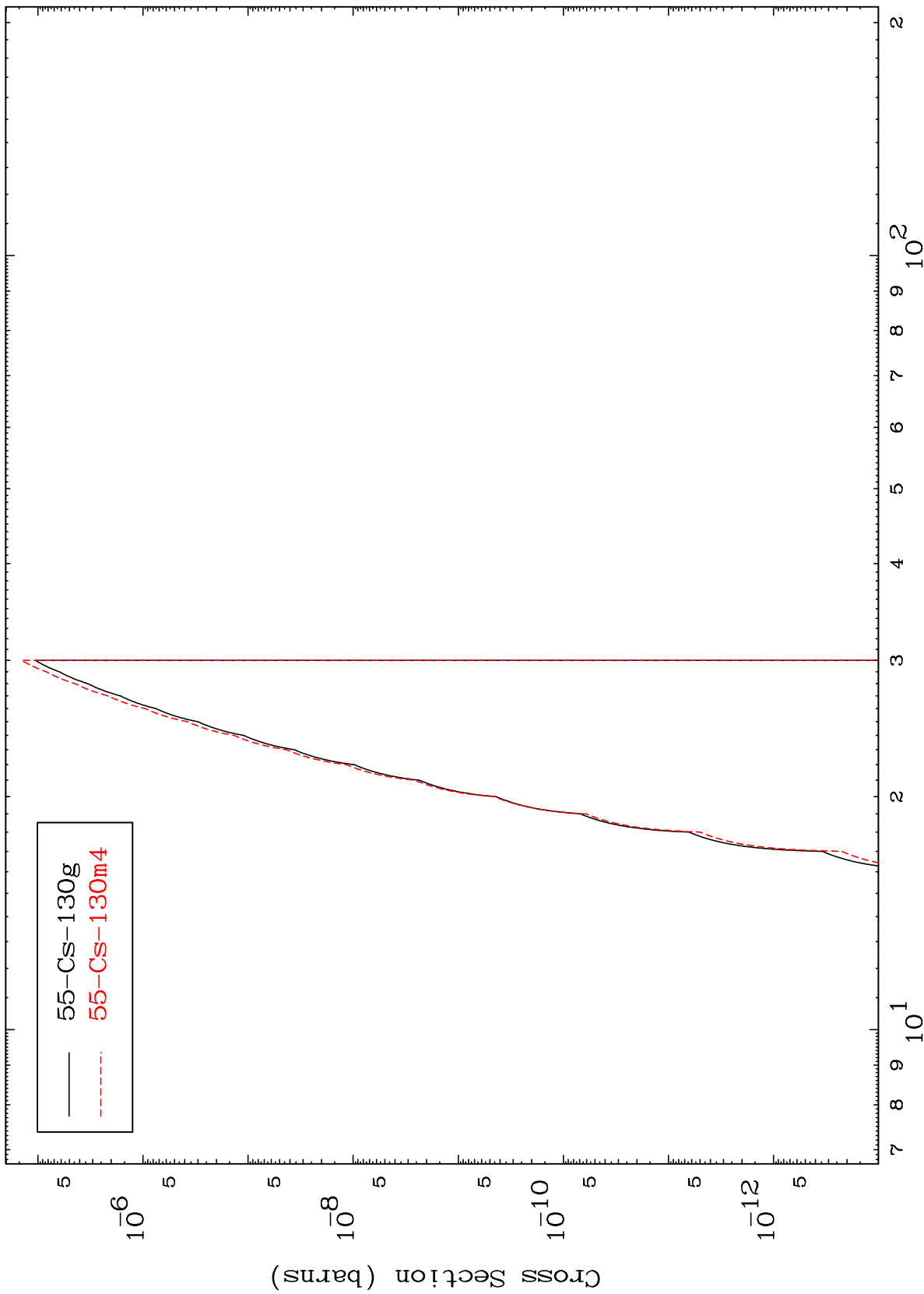


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(n,n') p  $\alpha$

58-Ce-135

Radionuclide Production Cross Section



55-Cs-130g  
55-Cs-130m4

27

Incident Energy (MeV)

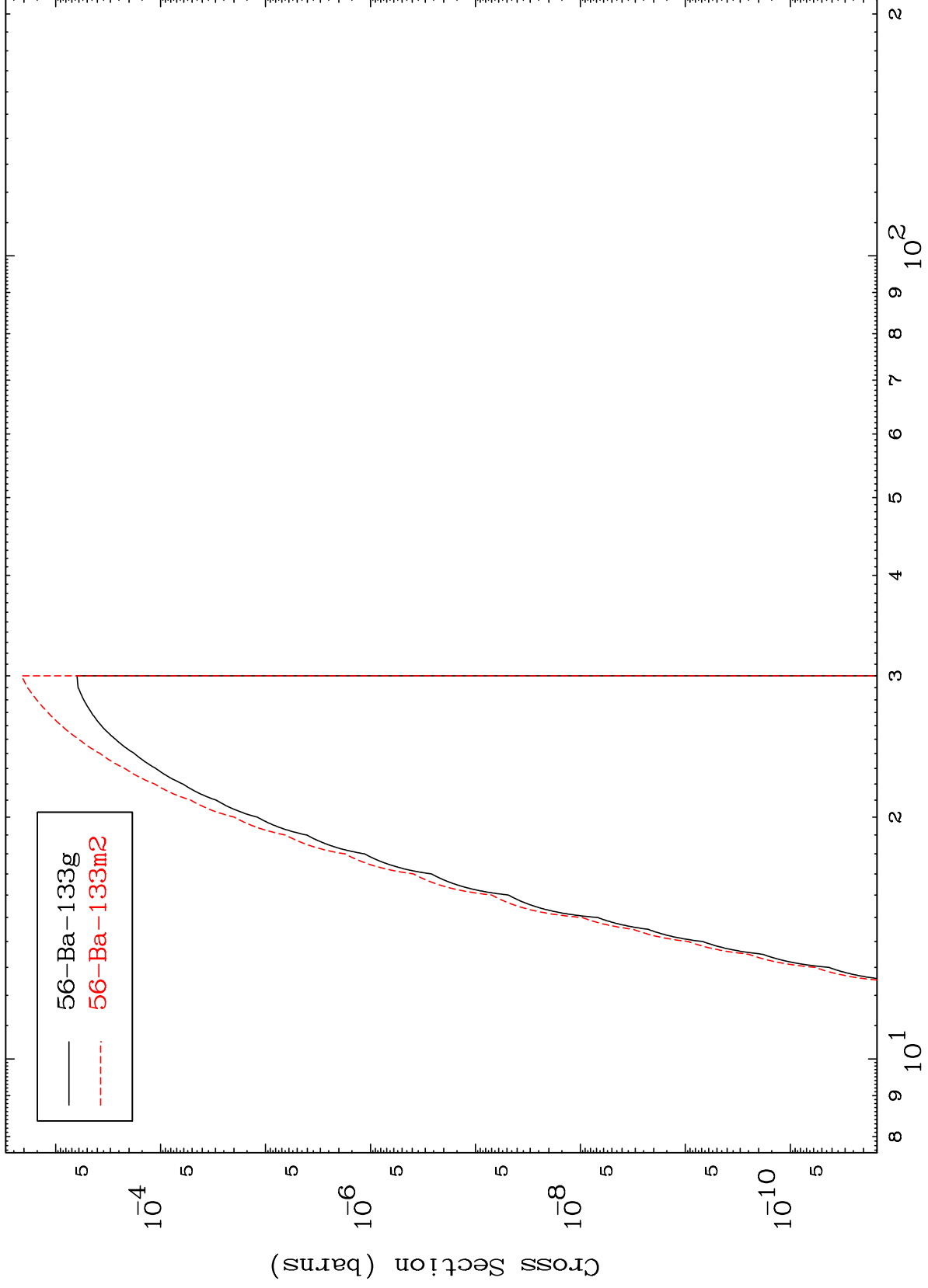
58-Ce-135

MAT 5823

(n,He-3)

58-Ce-135

Radionuclide Production Cross Section



28

Incident Energy (MeV)

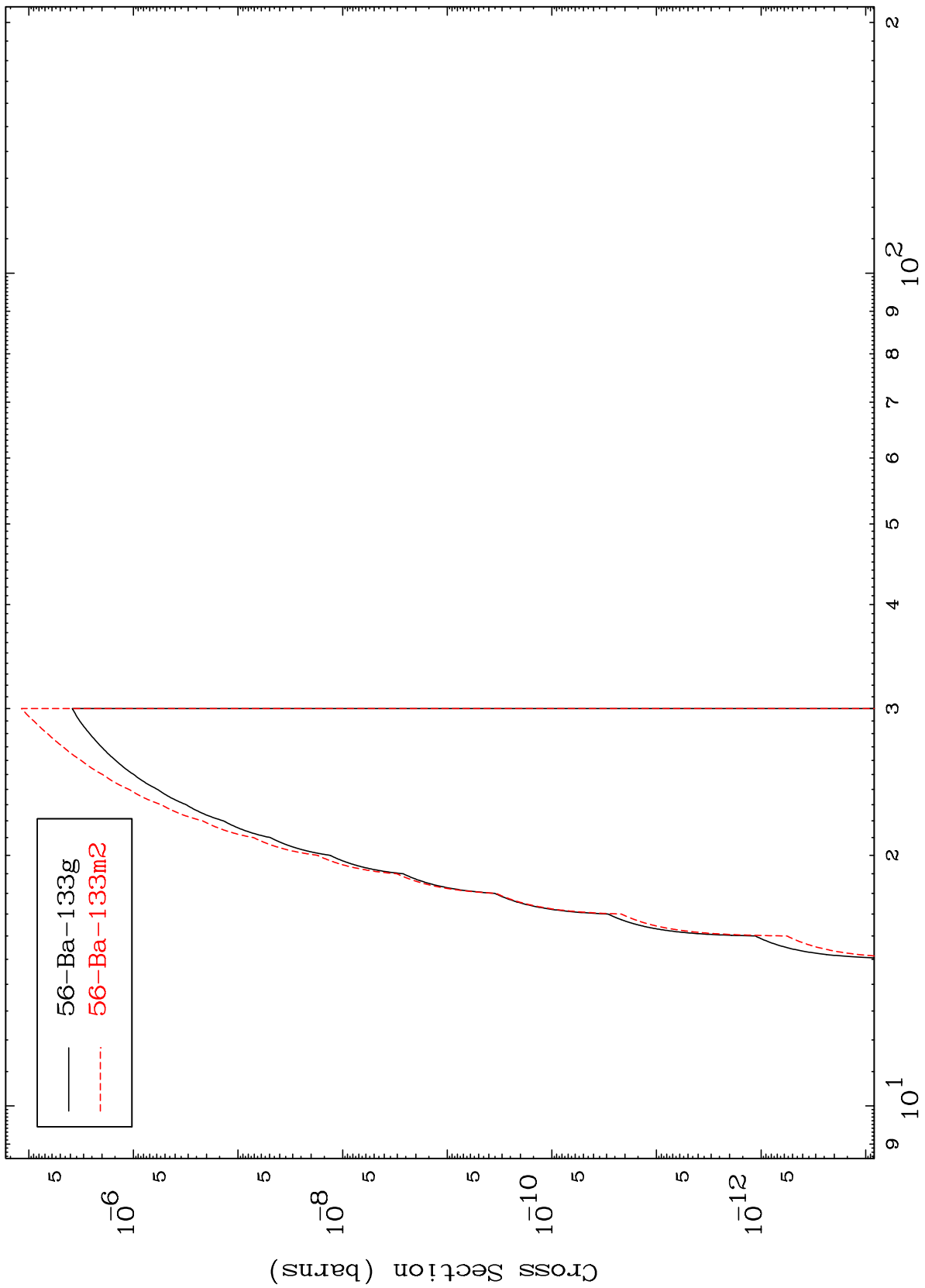
58-Ce-135

MAT 5823

(n,p) d

58-Ce-135

Radionuclide Production Cross Section



29

Incident Energy (MeV)

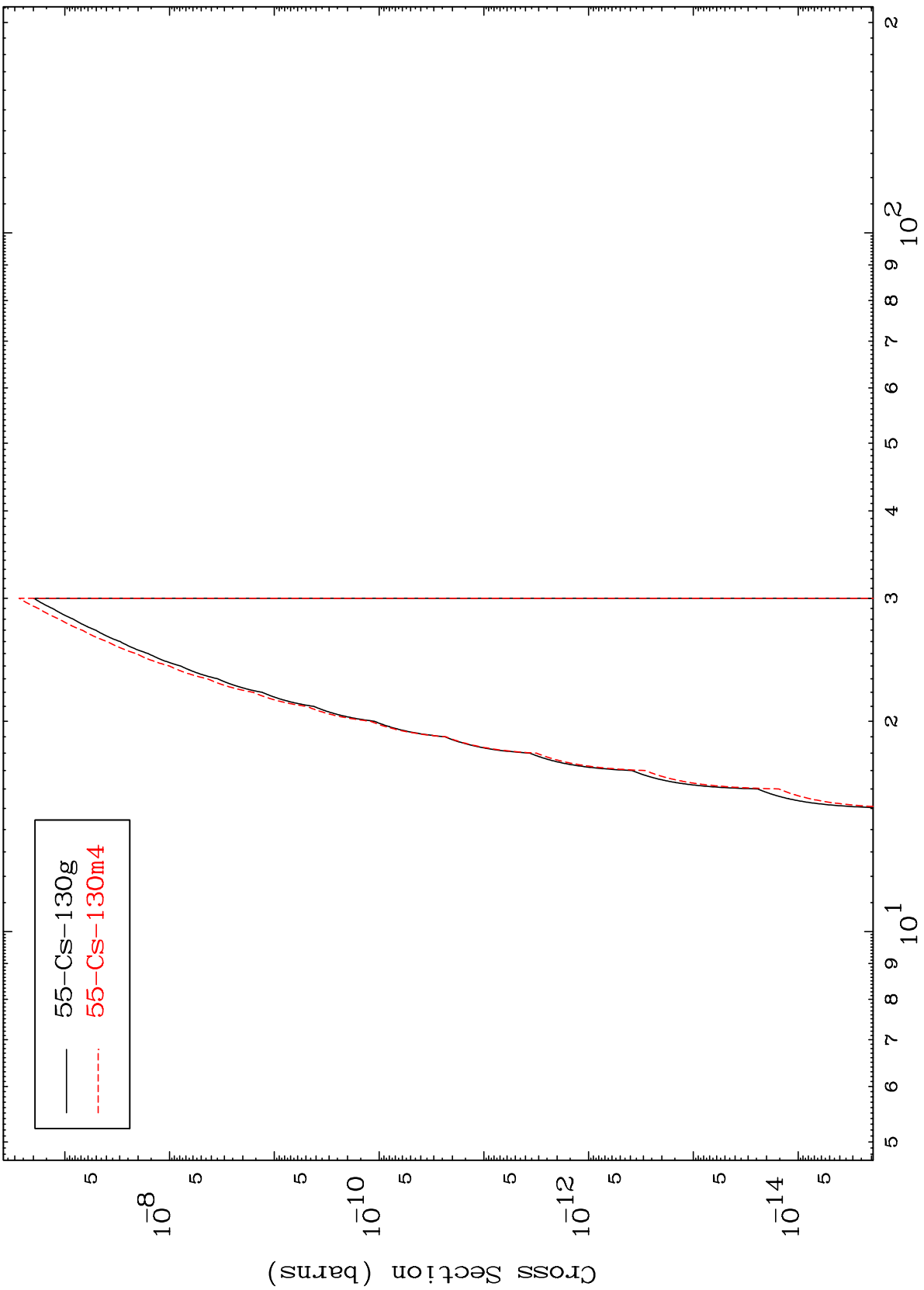
58-Ce-135

MAT 5823

(n,d)  $\alpha$

58-Ce-135

Radionuclide Production Cross Section



55-Cs-130g  
55-Cs-130m4

30

Incident Energy (MeV)

58-Ce-135