

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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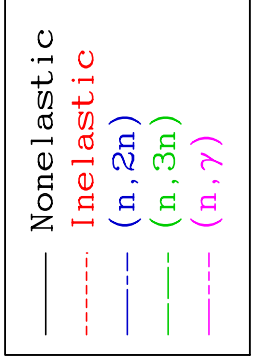
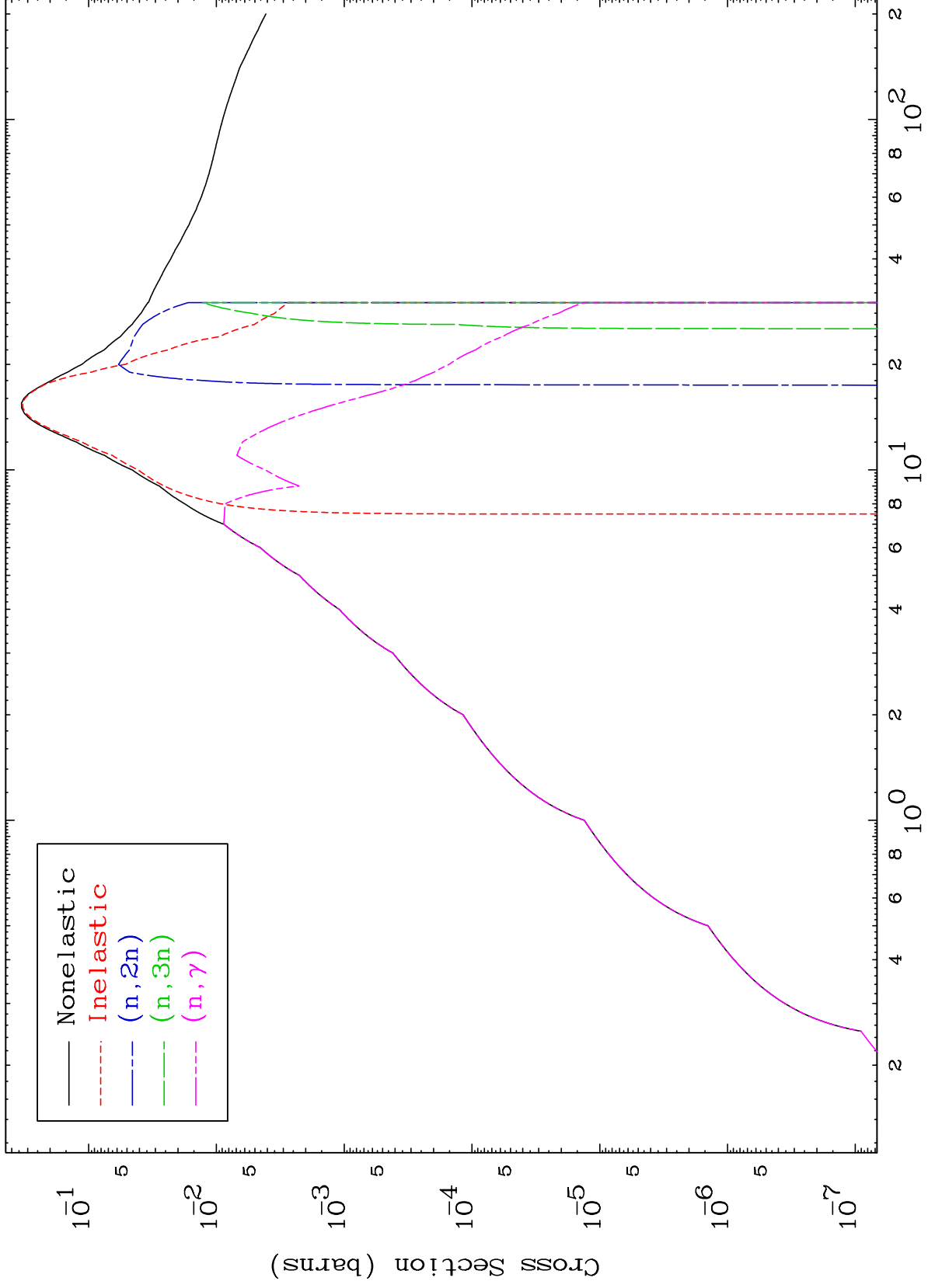
Tele: 925-443-1911

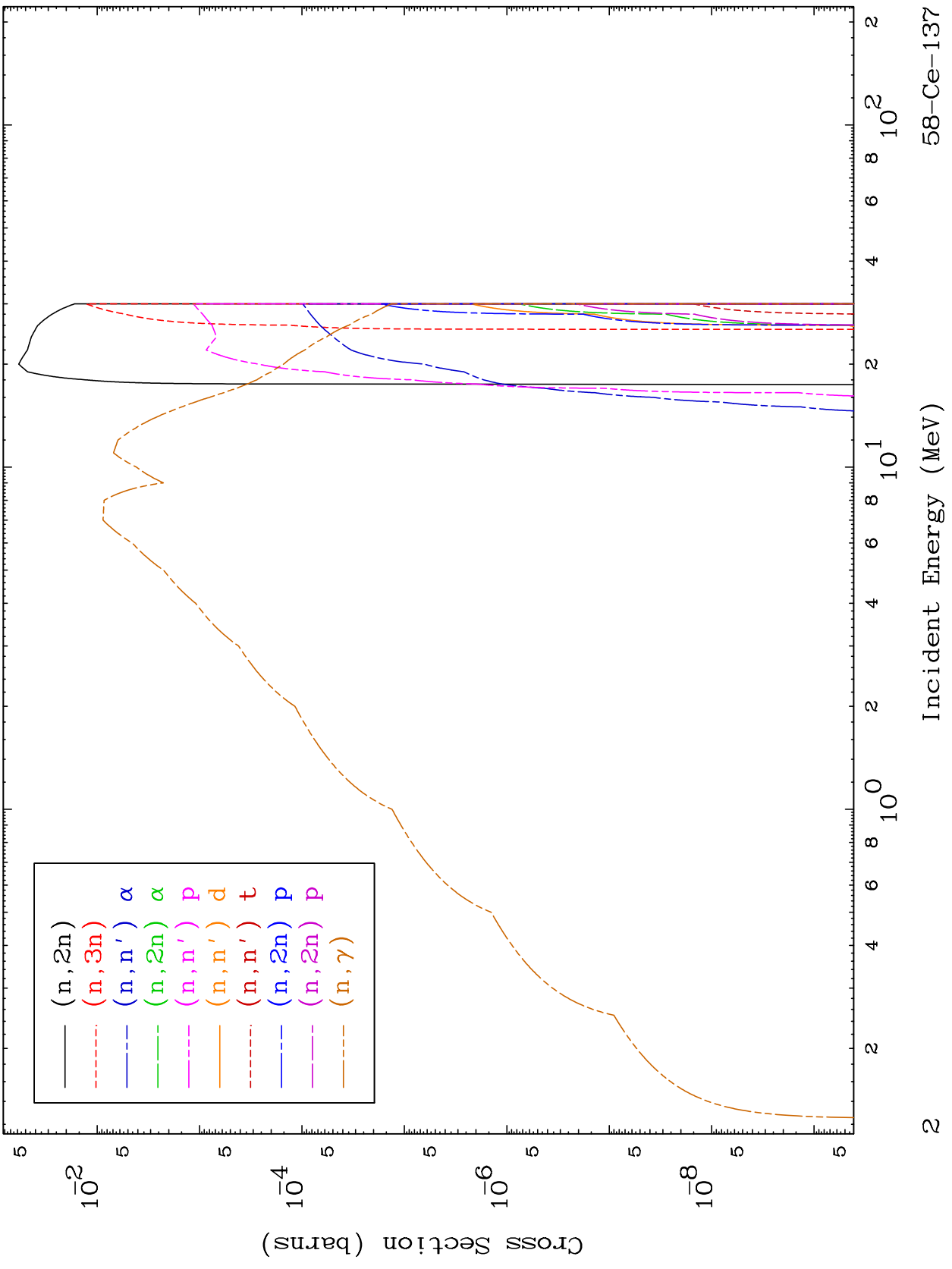
E.Mail:redcullen1@comcast.net

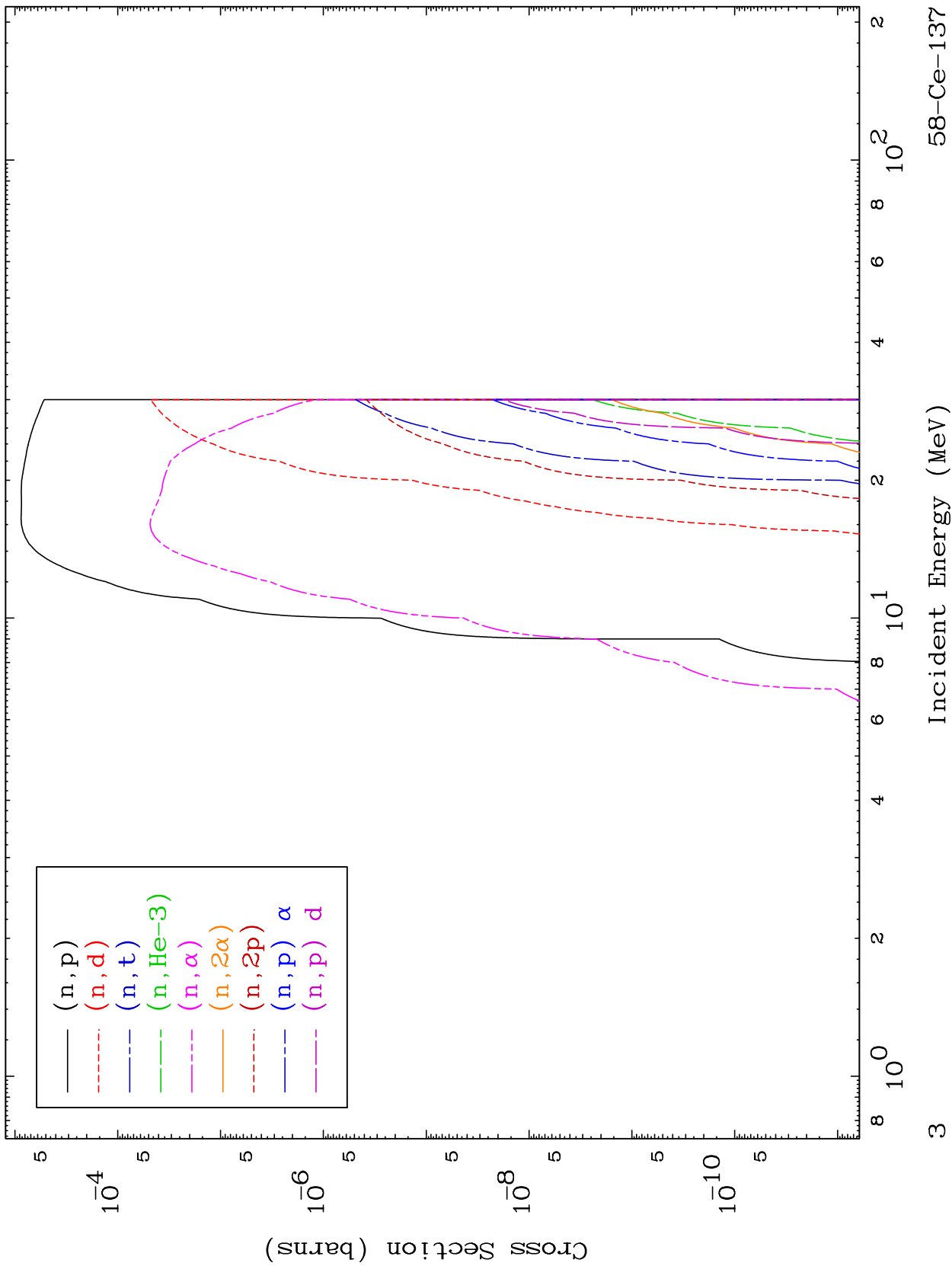
Web:redcullen1.net/HOMEPAGE.NEW

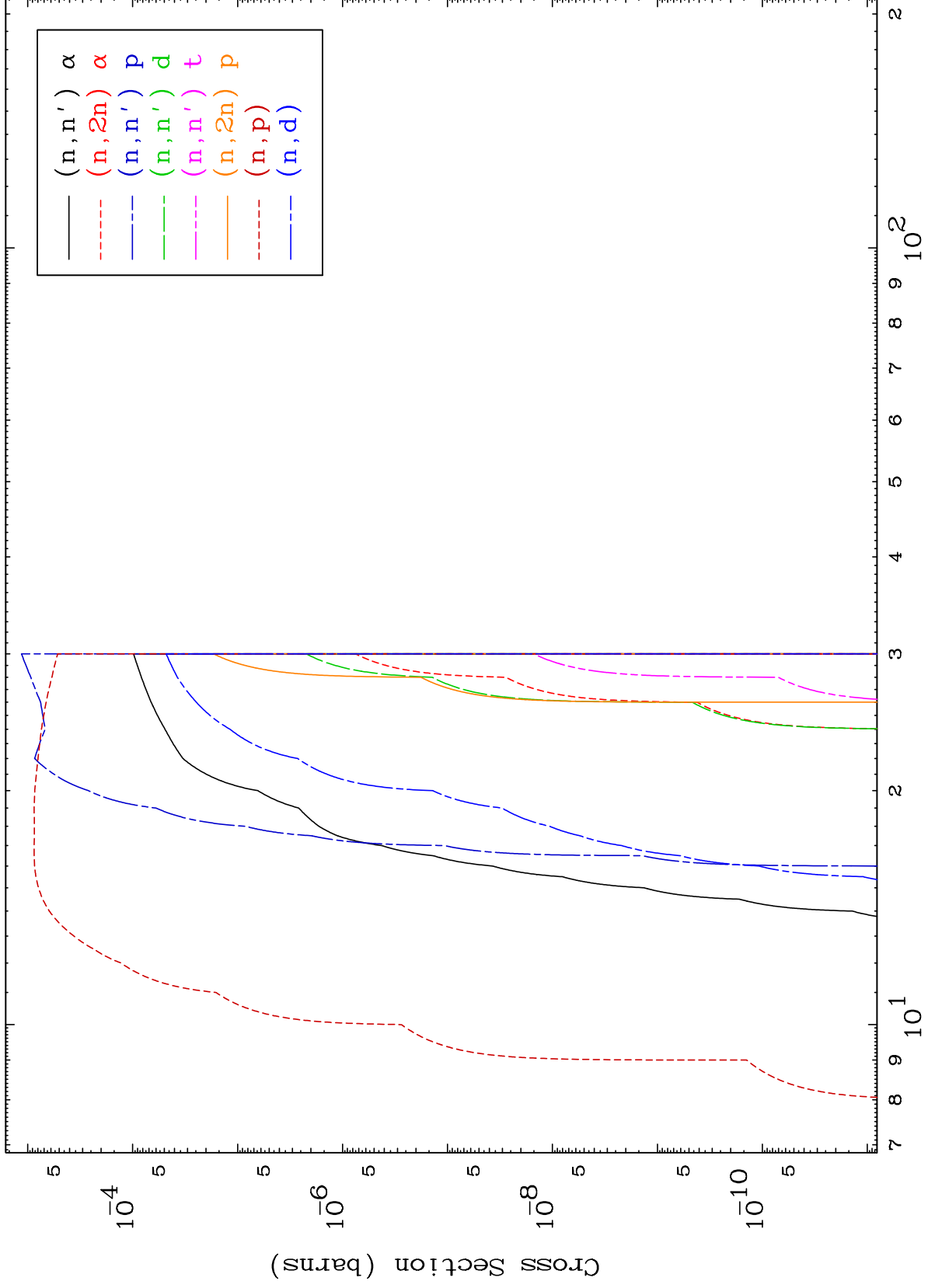
Press Mouse Button to Start

0 Kelvin Cross Sections





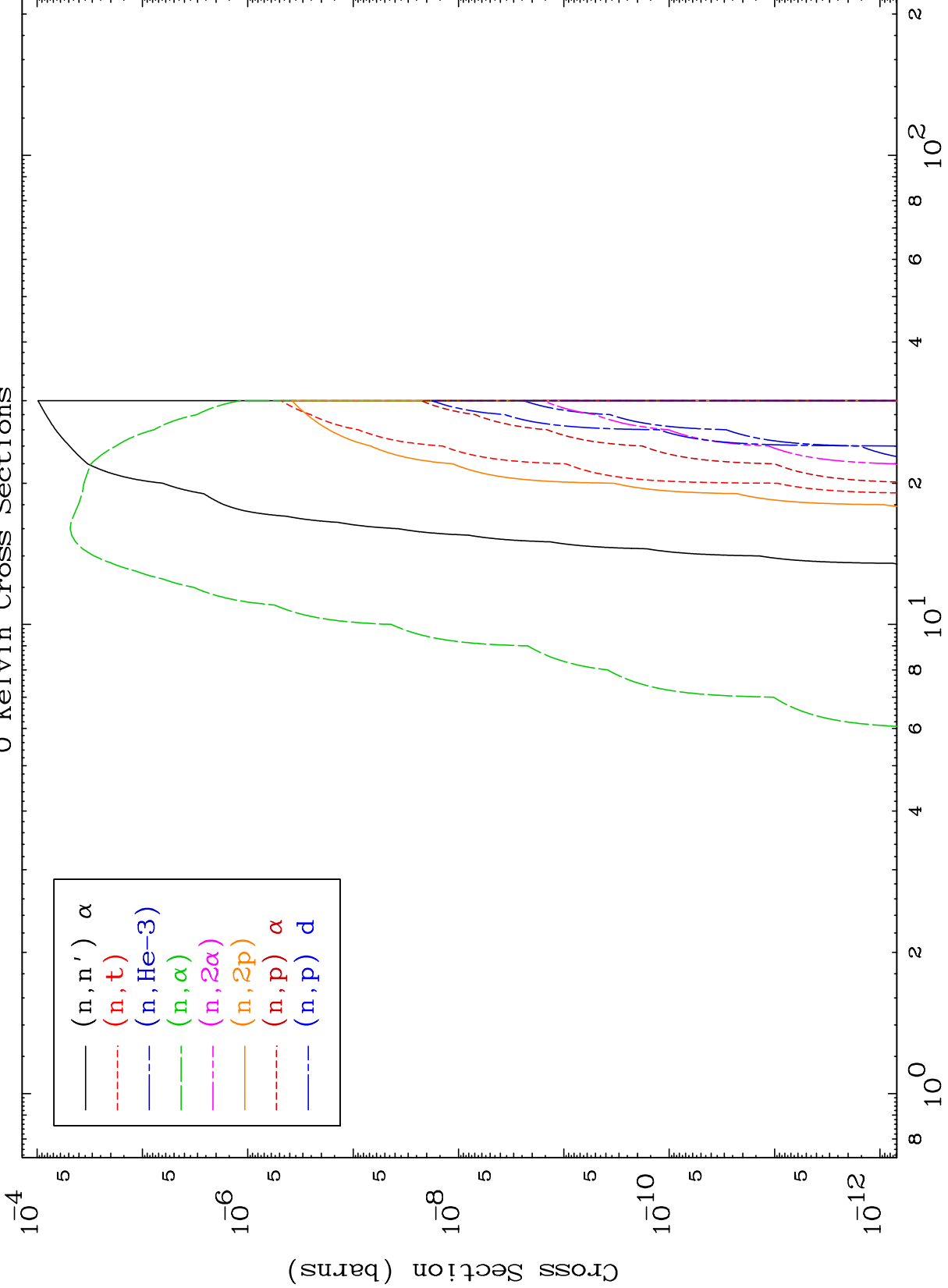




MAT 5828

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-137

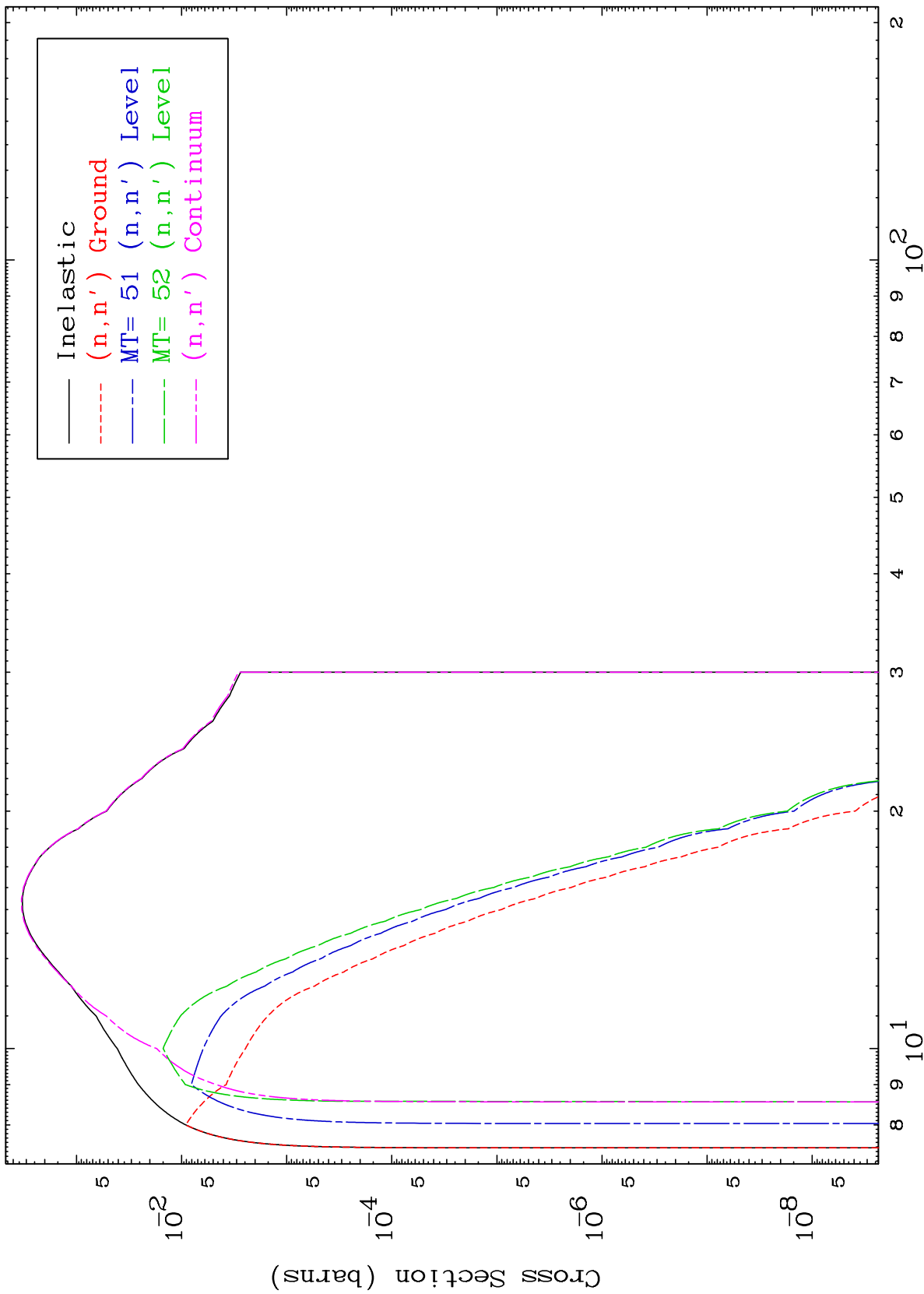


58-Ce-137

Incident Energy (MeV)

5

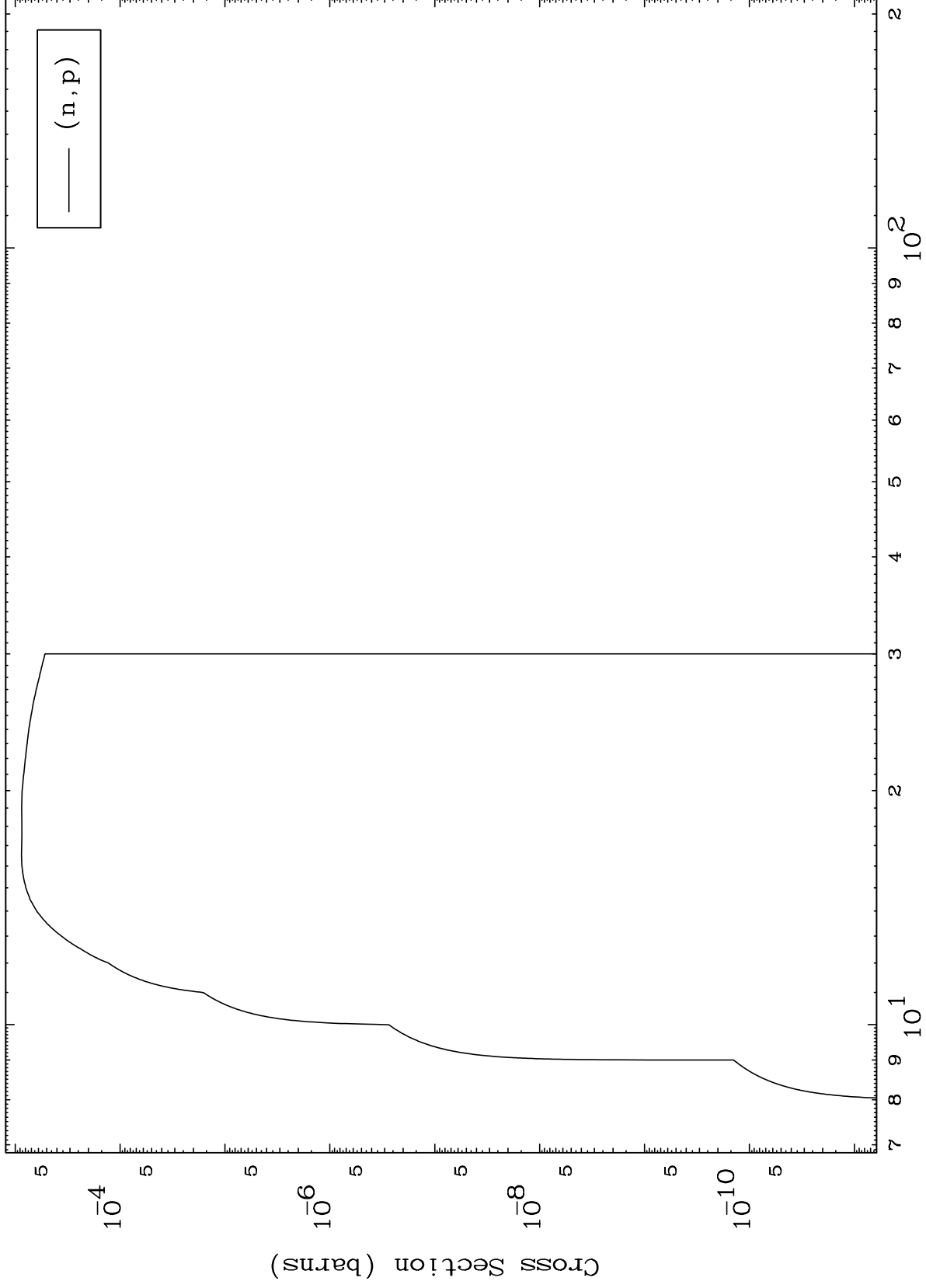
( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



MAT 5828

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

58-Ce-137



7

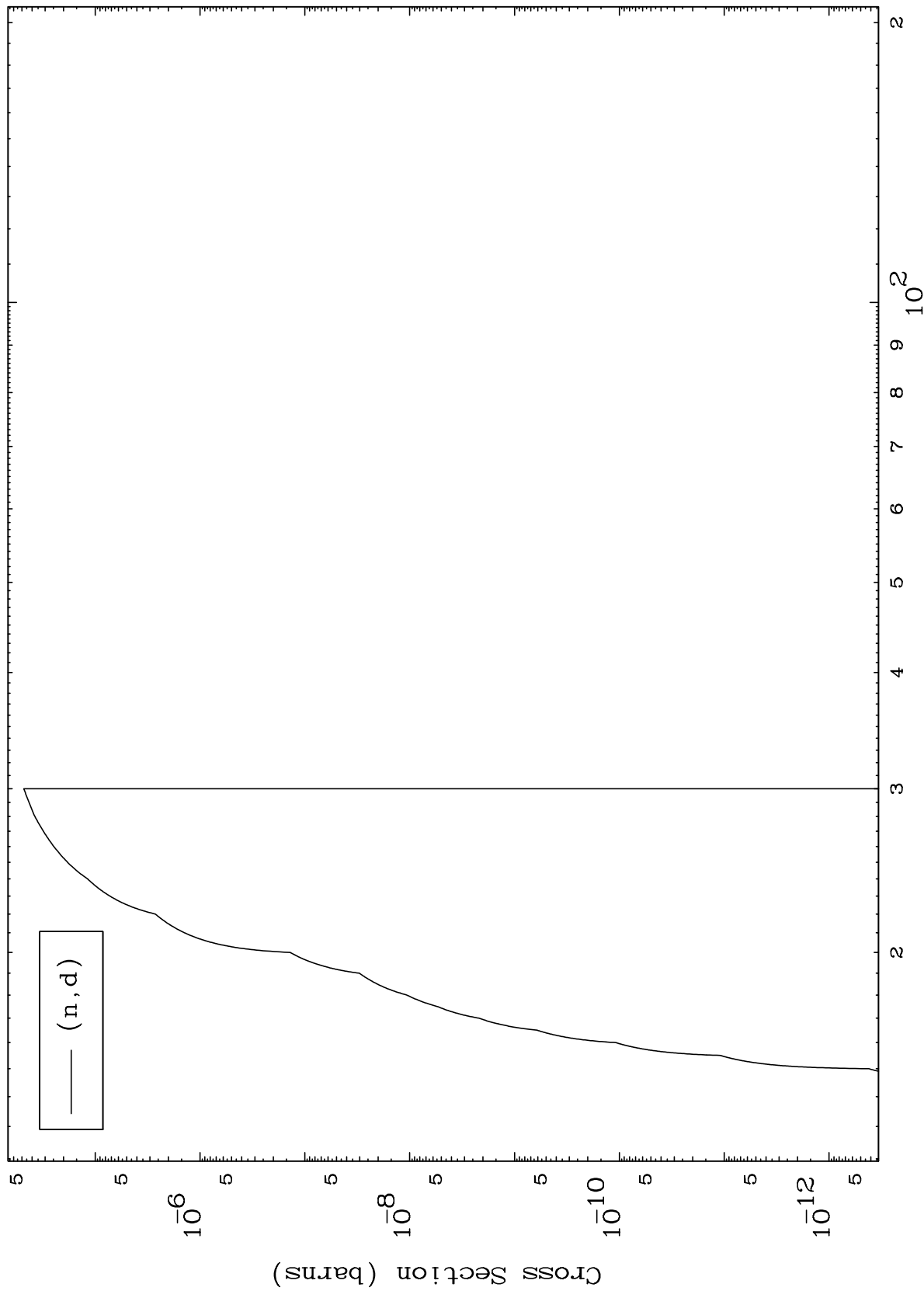
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

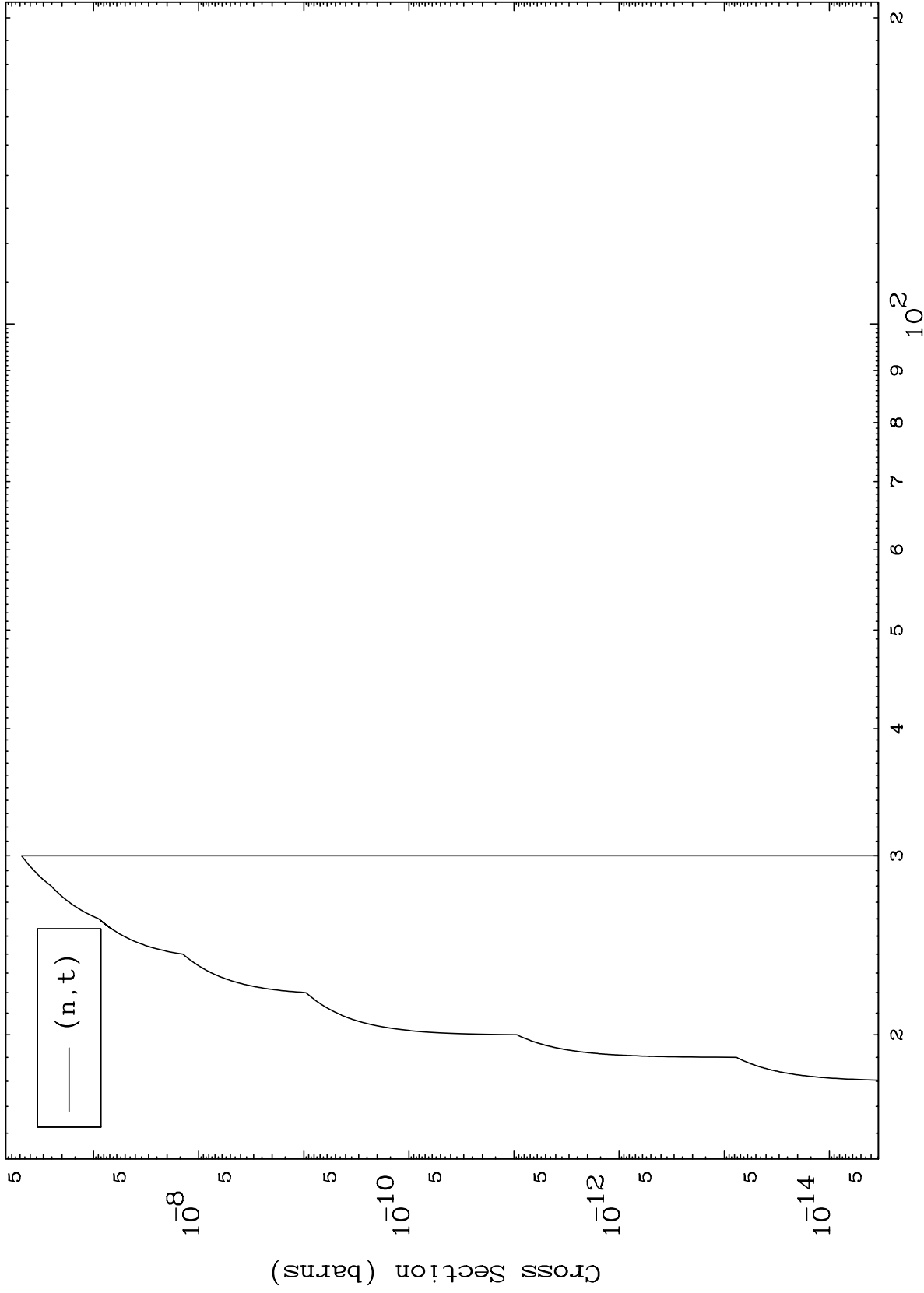
( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections



58-Ce-137

Incident Energy (MeV)

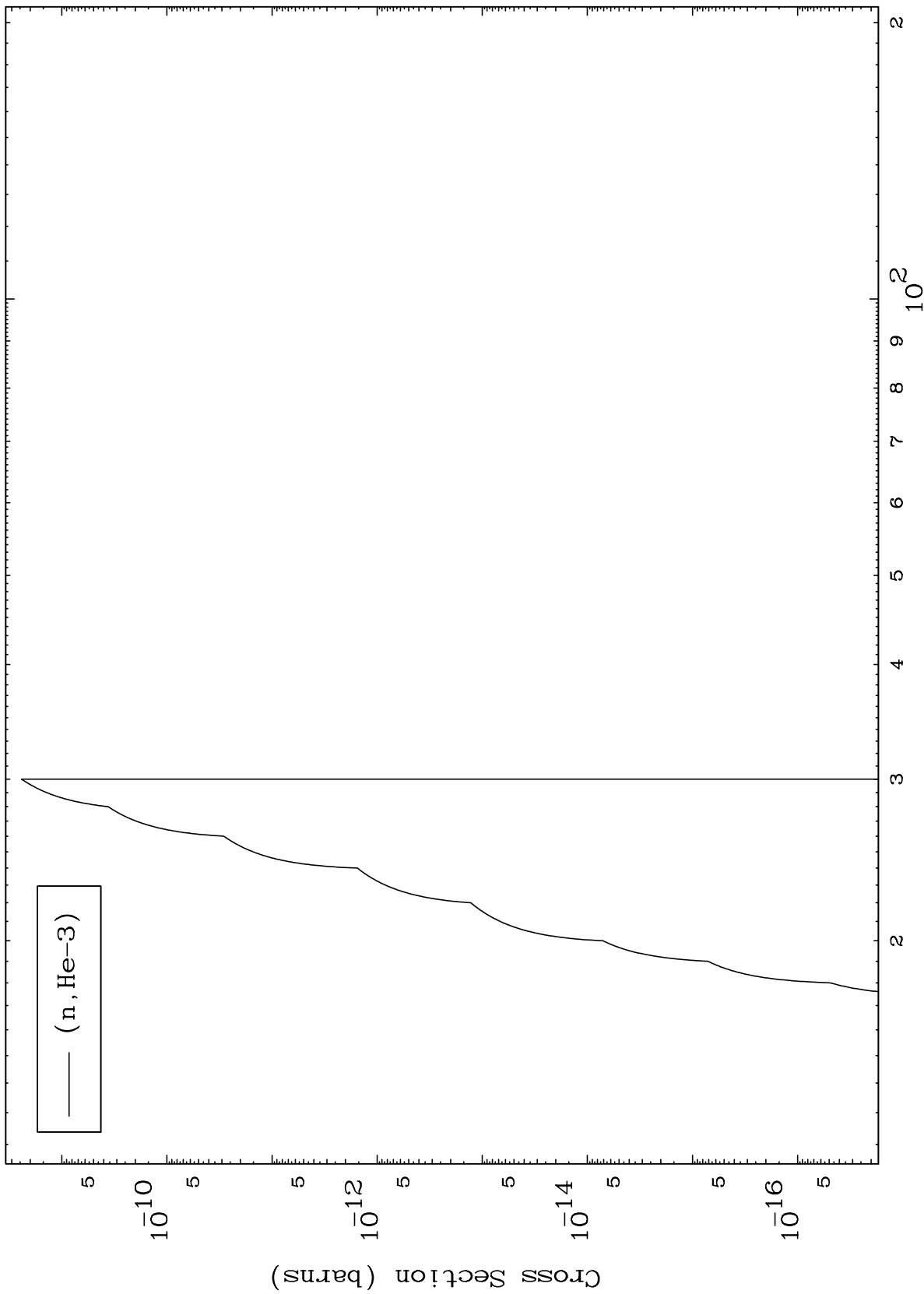
8



MAT 5828

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

58-Ce-137



10

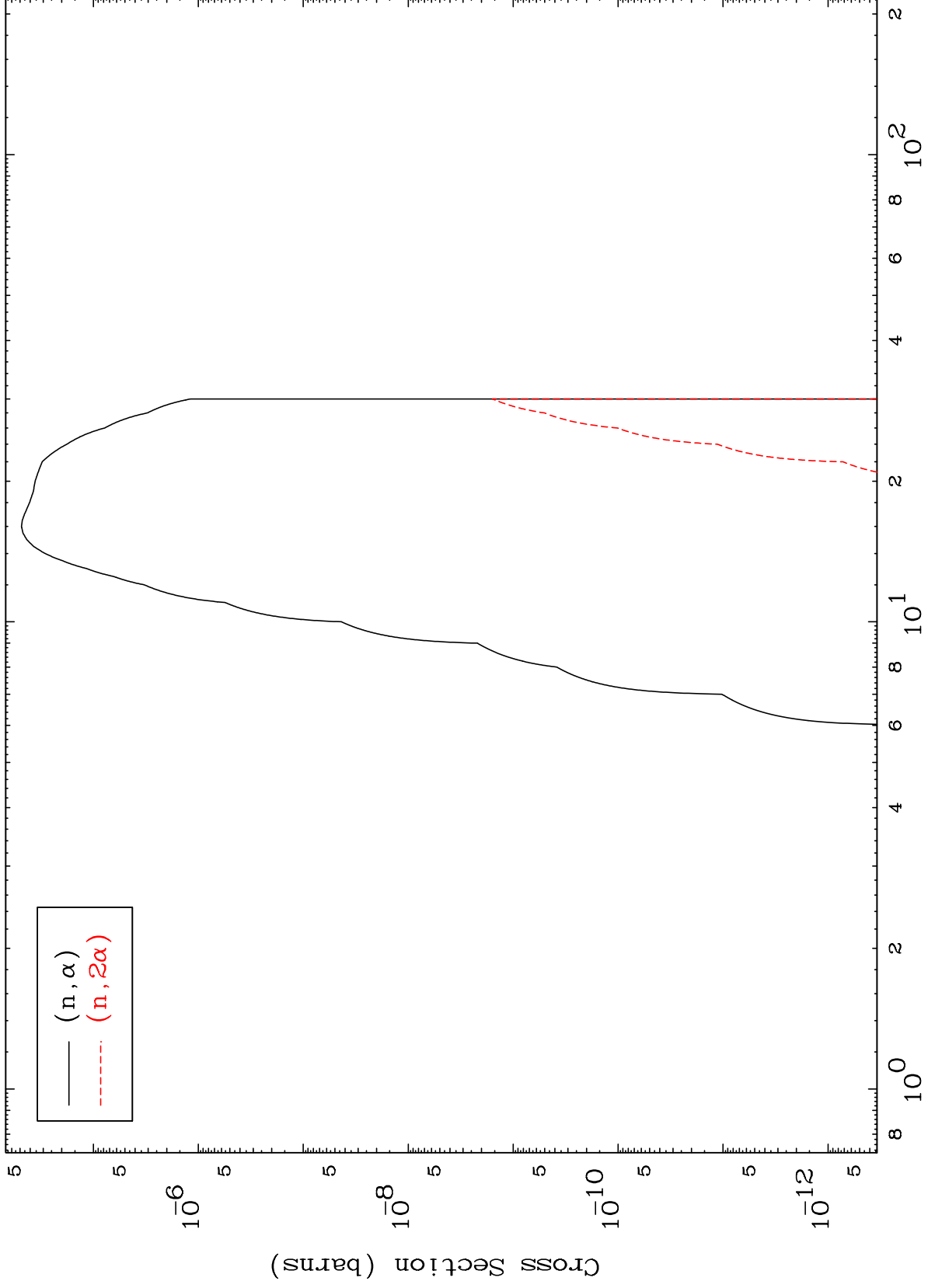
Incident Energy (MeV)

58-Ce-137

MAT 5828

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

58-Ce-137



11

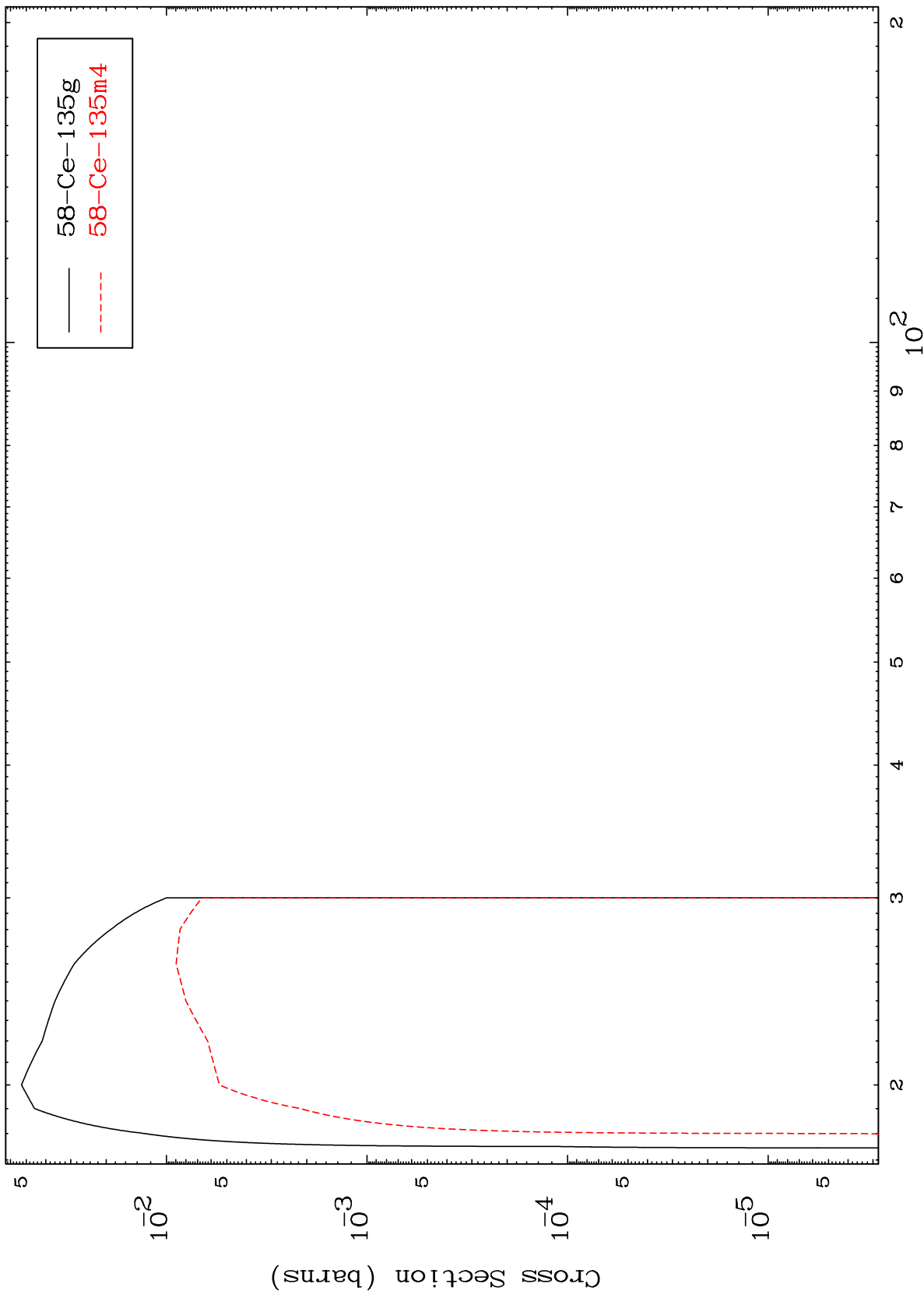
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

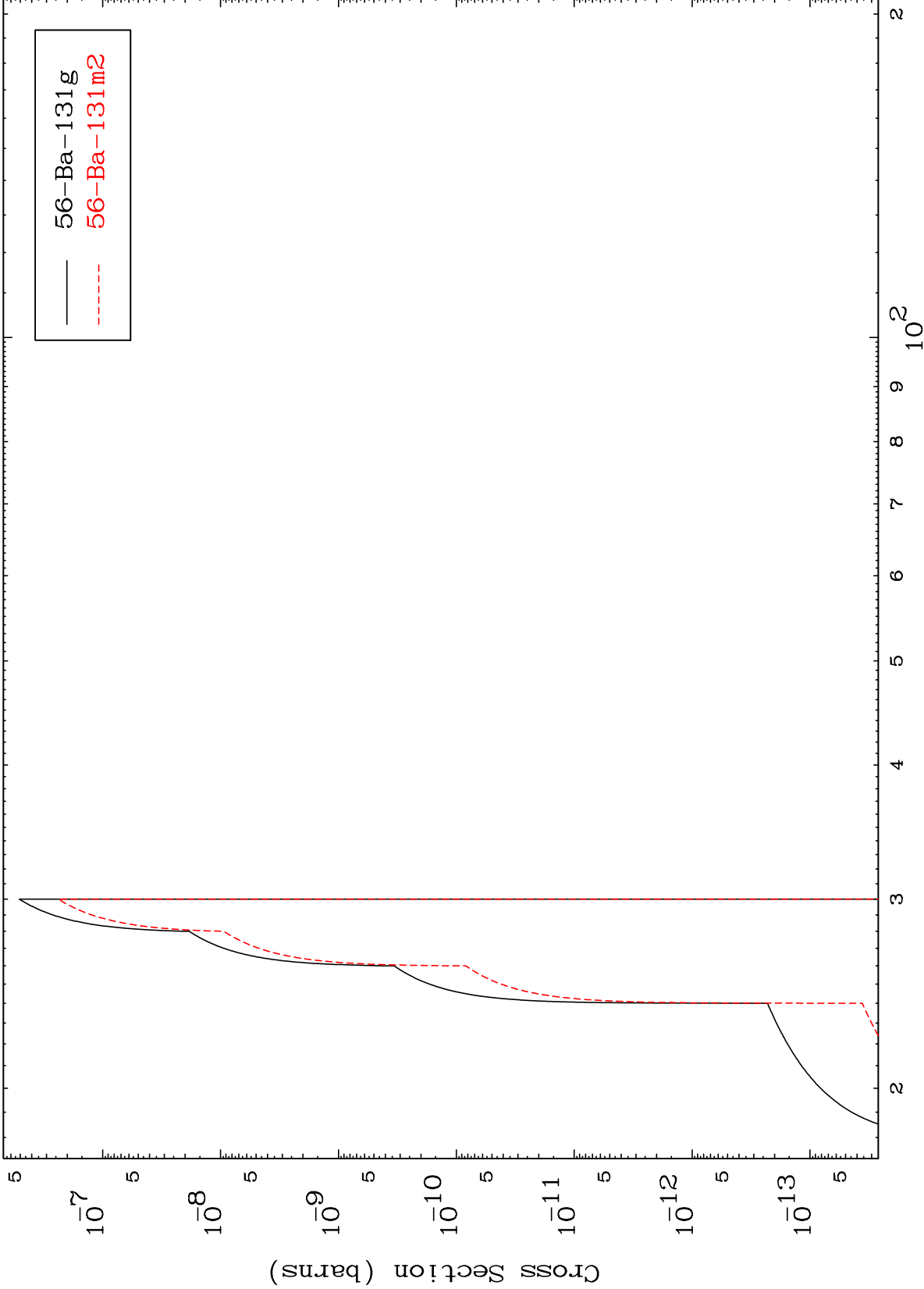
58-Ce-137

MAT 5828

(n,2n)  $\alpha$

58-Ce-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

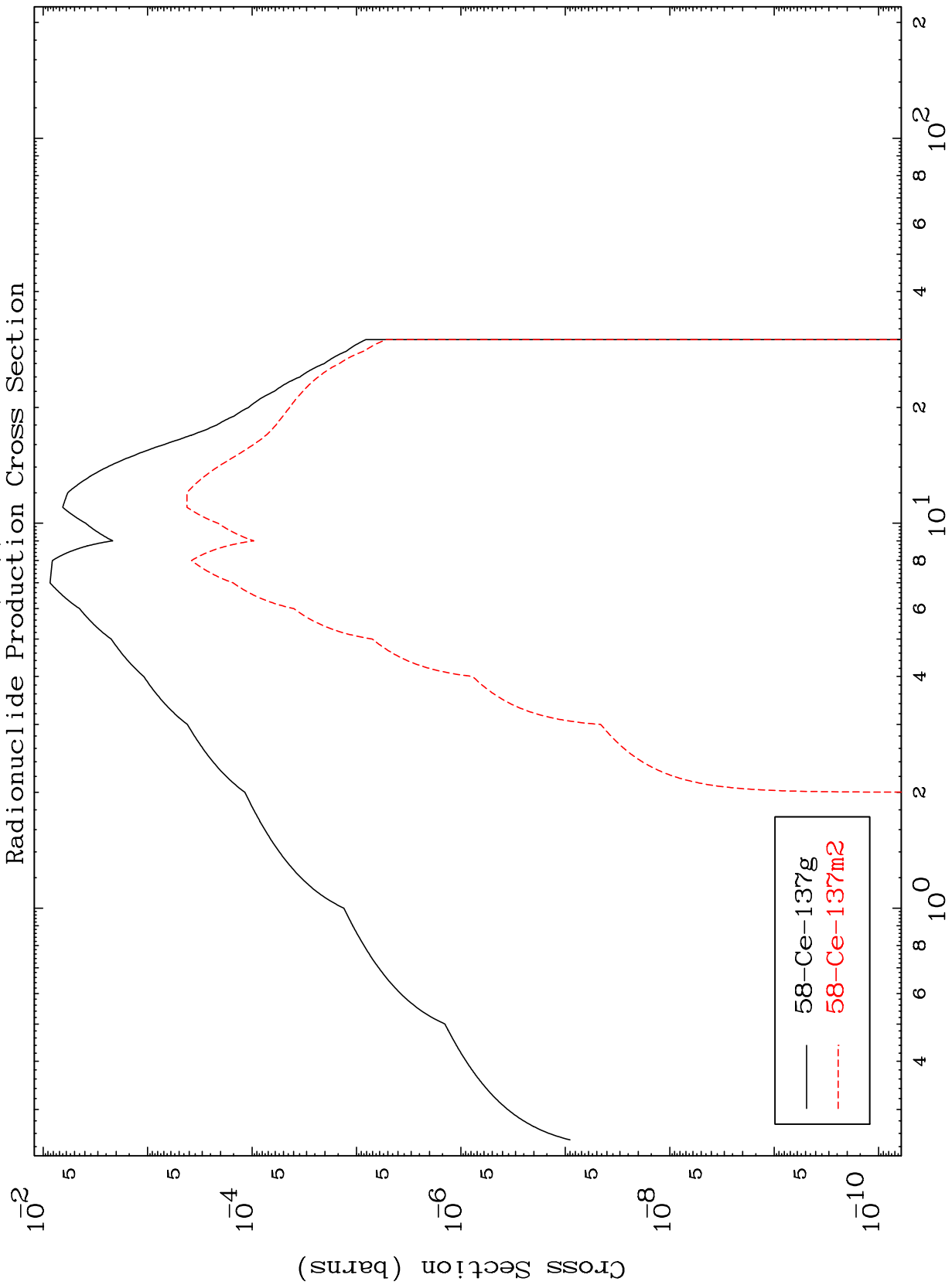
58-Ce-137

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58-Ce-137

Radionuclide Production Cross Section

(n,  $\gamma$ )



58-Ce-137

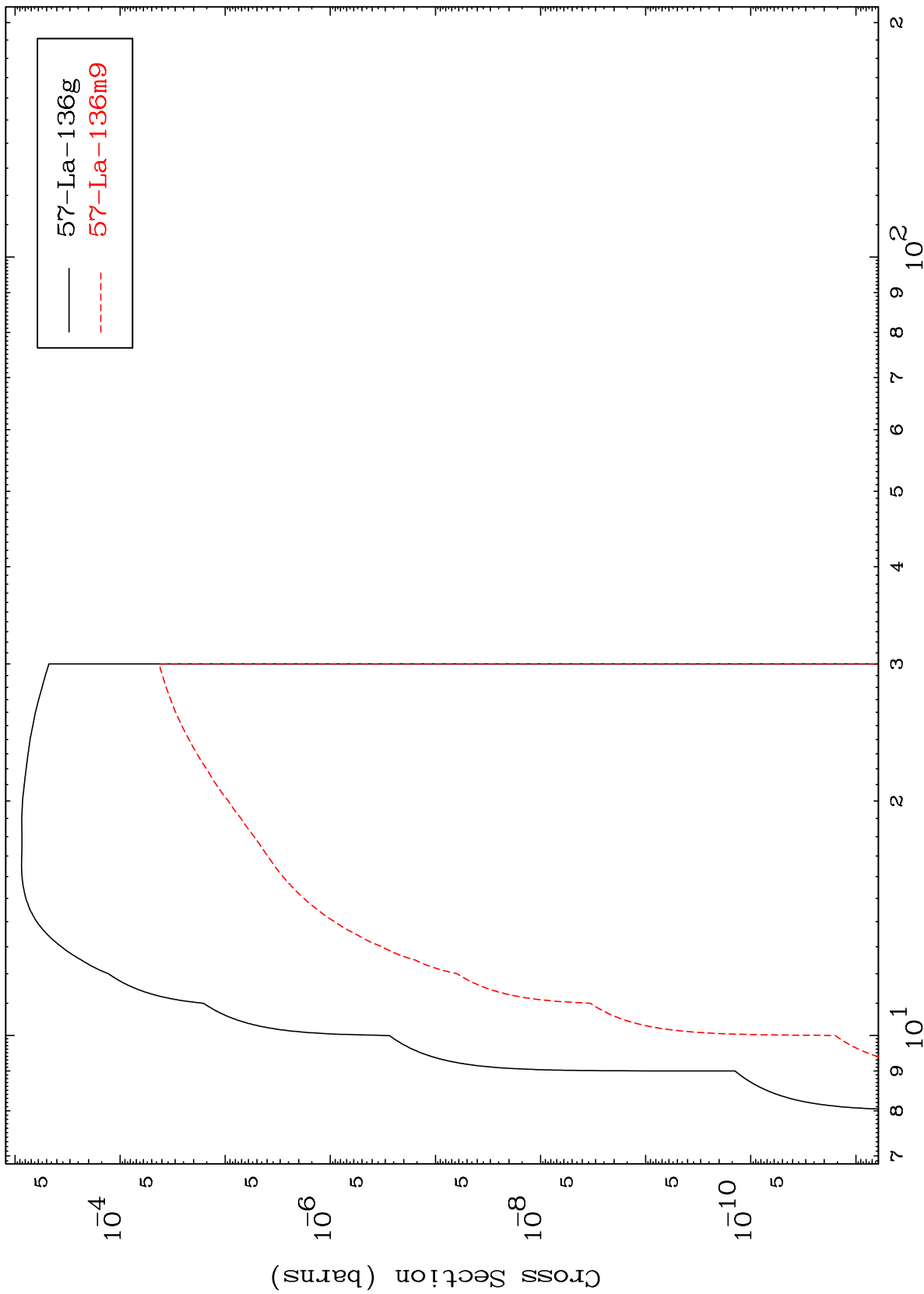
Incident Energy (MeV)

14

MAT 5828

58-Ce-137

(n,p)  
Radionuclide Production Cross Section



58-Ce-137

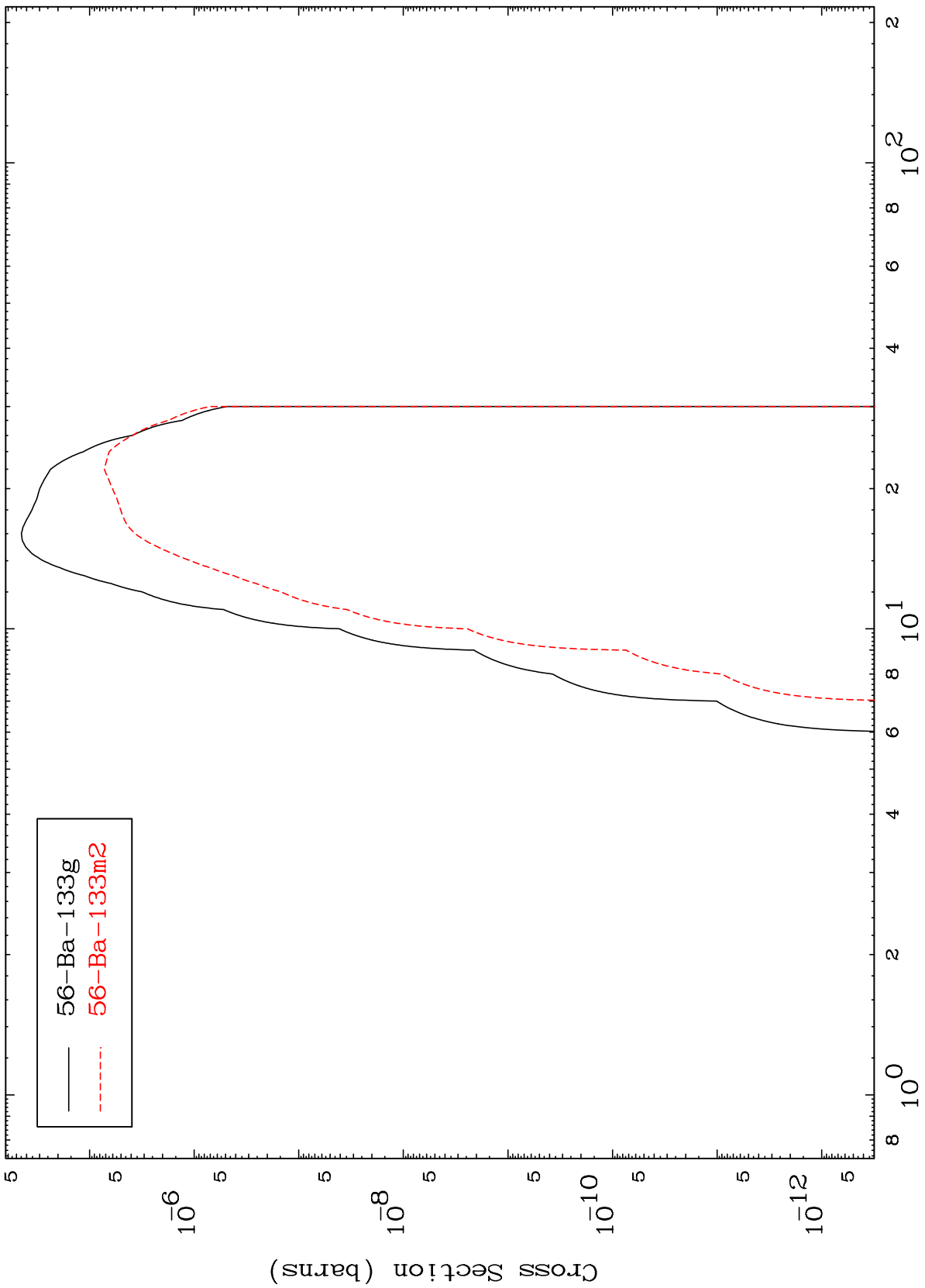
Incident Energy (MeV)

15

MAT 5828

58-Ce-137

(n,  $\alpha$ )  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

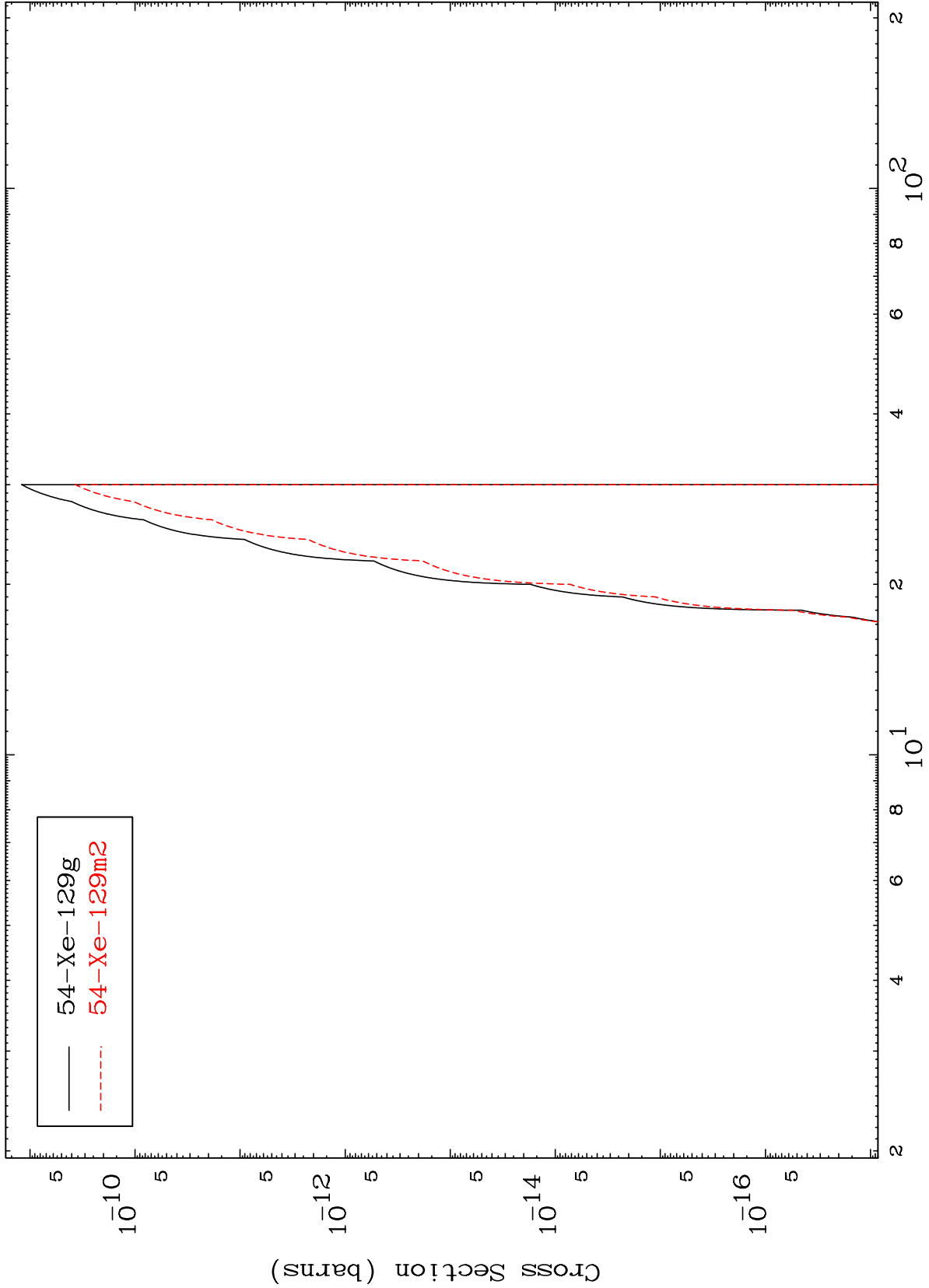
58-Ce-137

MAT 5828

(n,2α)

58-Ce-137

Radionuclide Production Cross Section



54-Xe-129g  
54-Xe-129m2

17

Incident Energy (MeV)

58-Ce-137

Radionuclide Production Cross Section

