

Program EVALPLOT  
(Version 2021-1)

by

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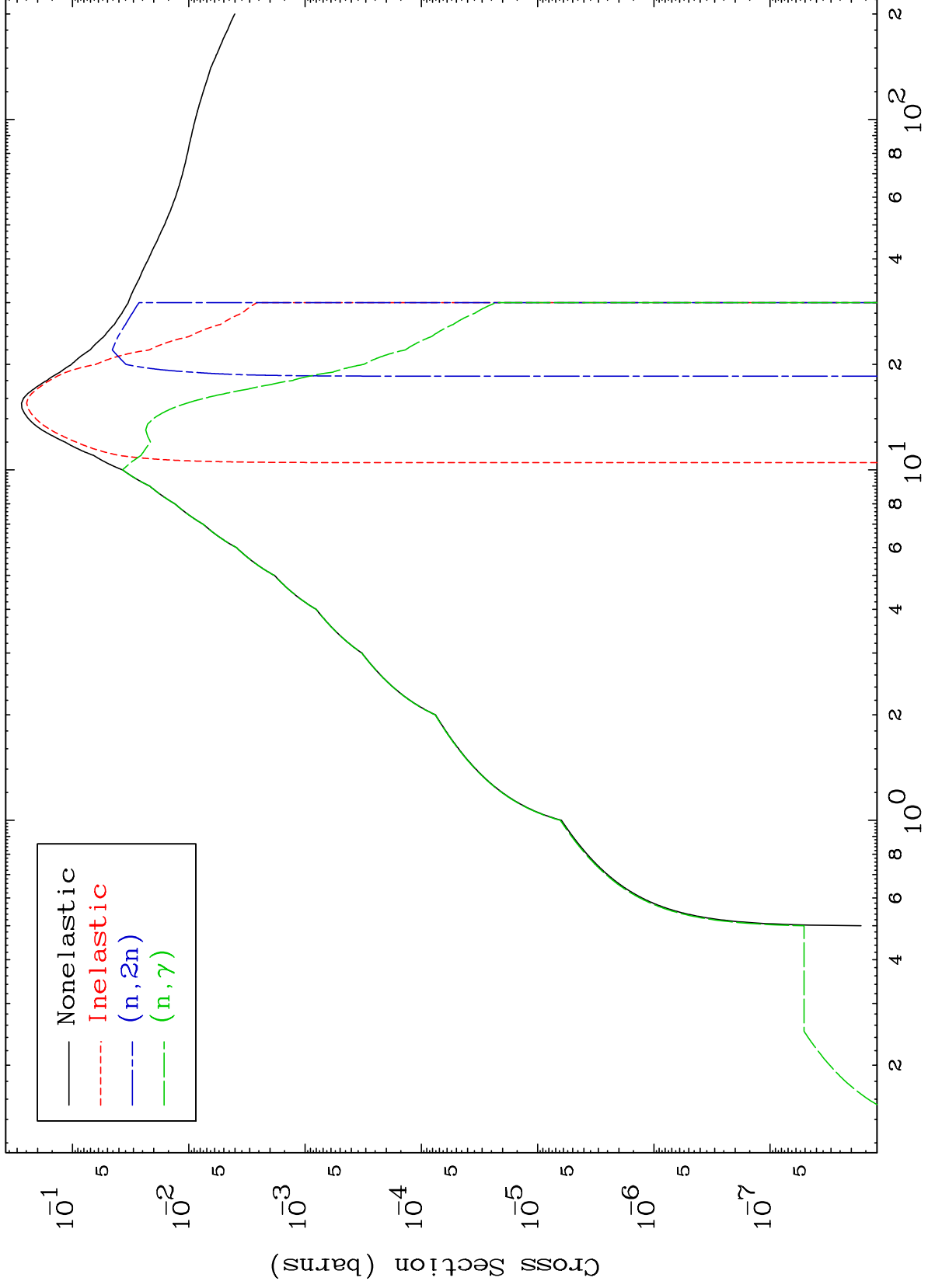
Press Mouse Button to Start

MAT 5819

Photon Major

58-Ce-134

0 Kelvin Cross Sections



1

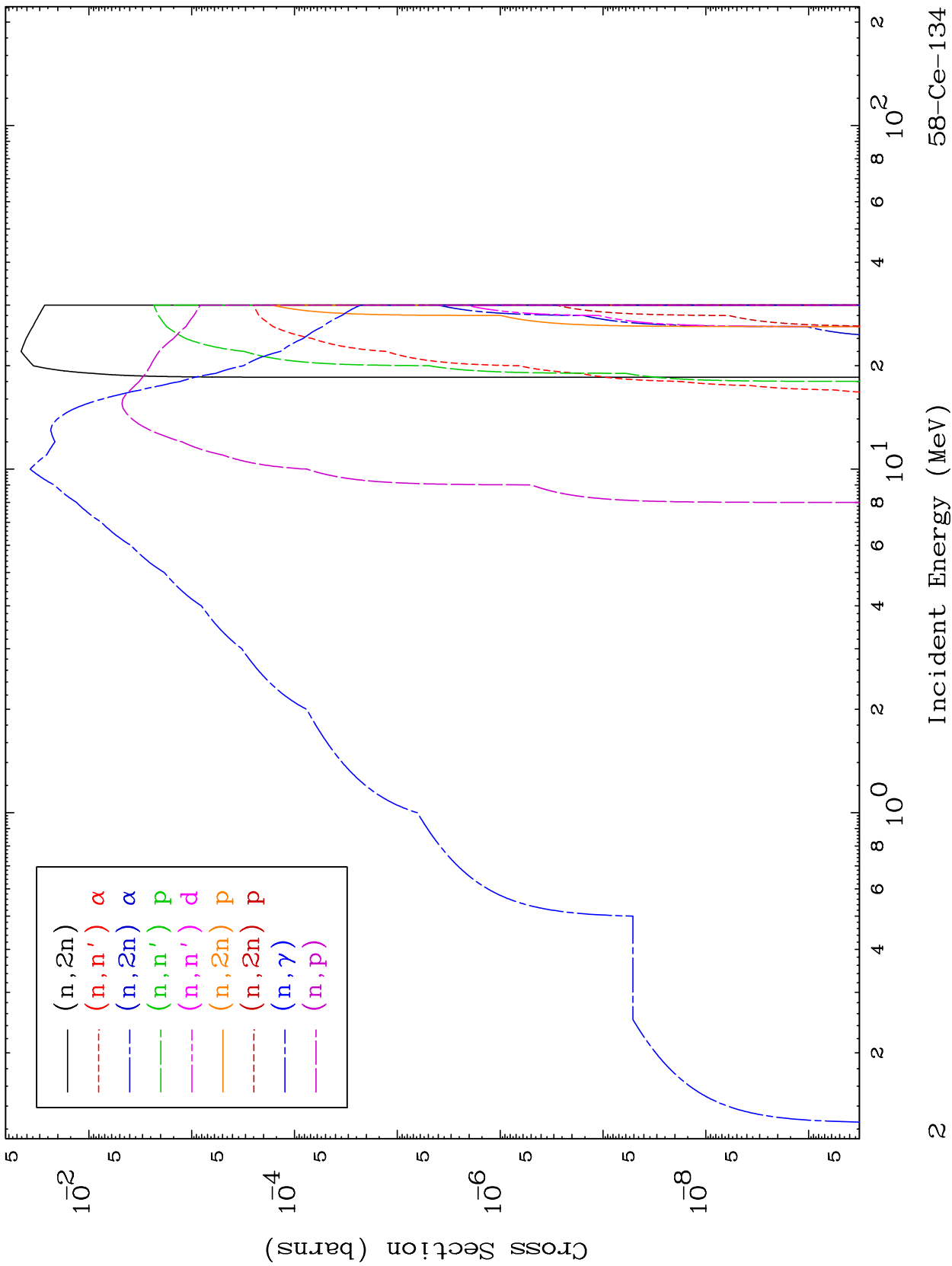
Incident Energy (MeV)

58-Ce-134

MAT 5819

Photon Neutron Absorption  
0 Kelvin Cross Sections

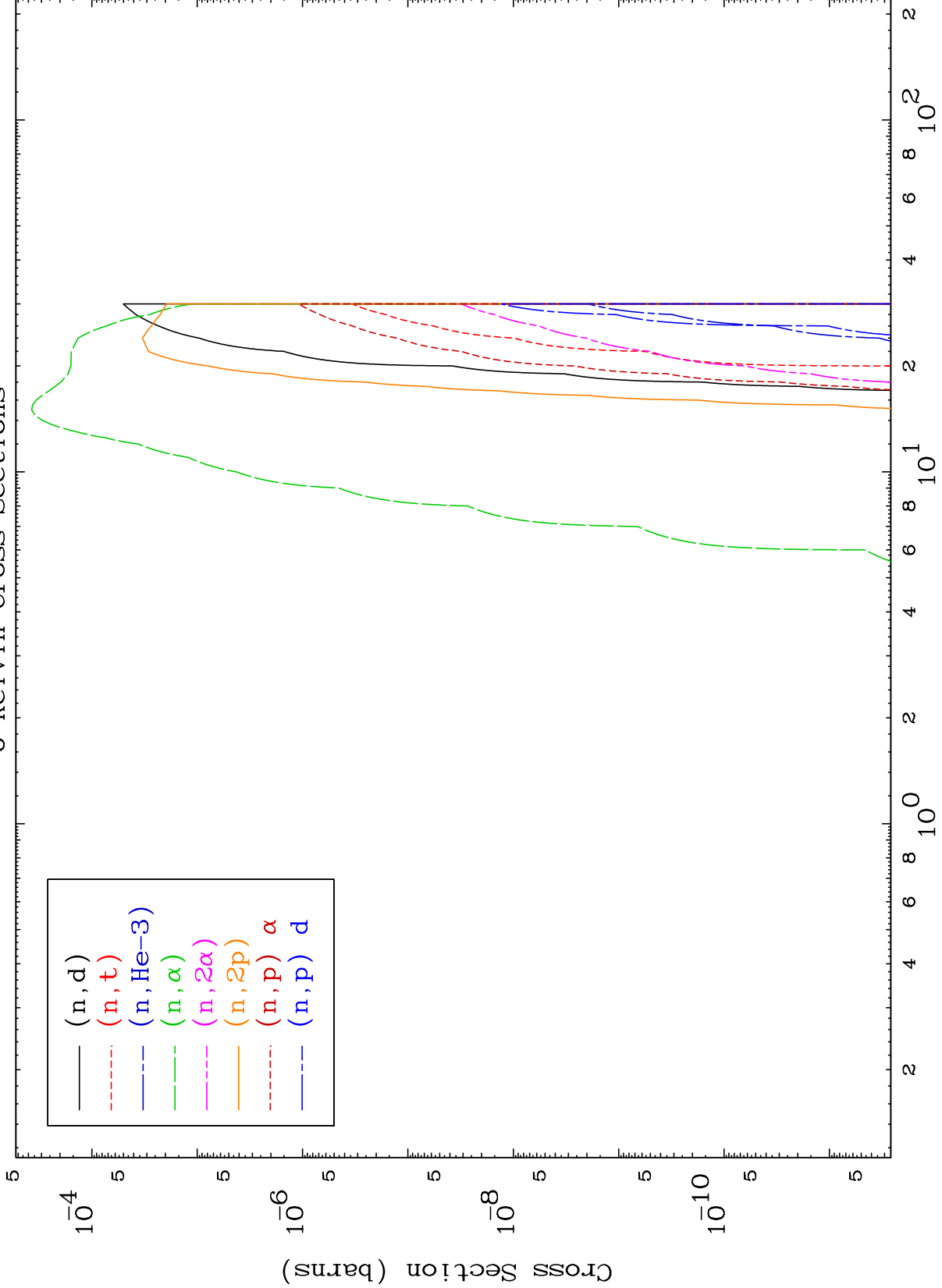
58-Ce-134

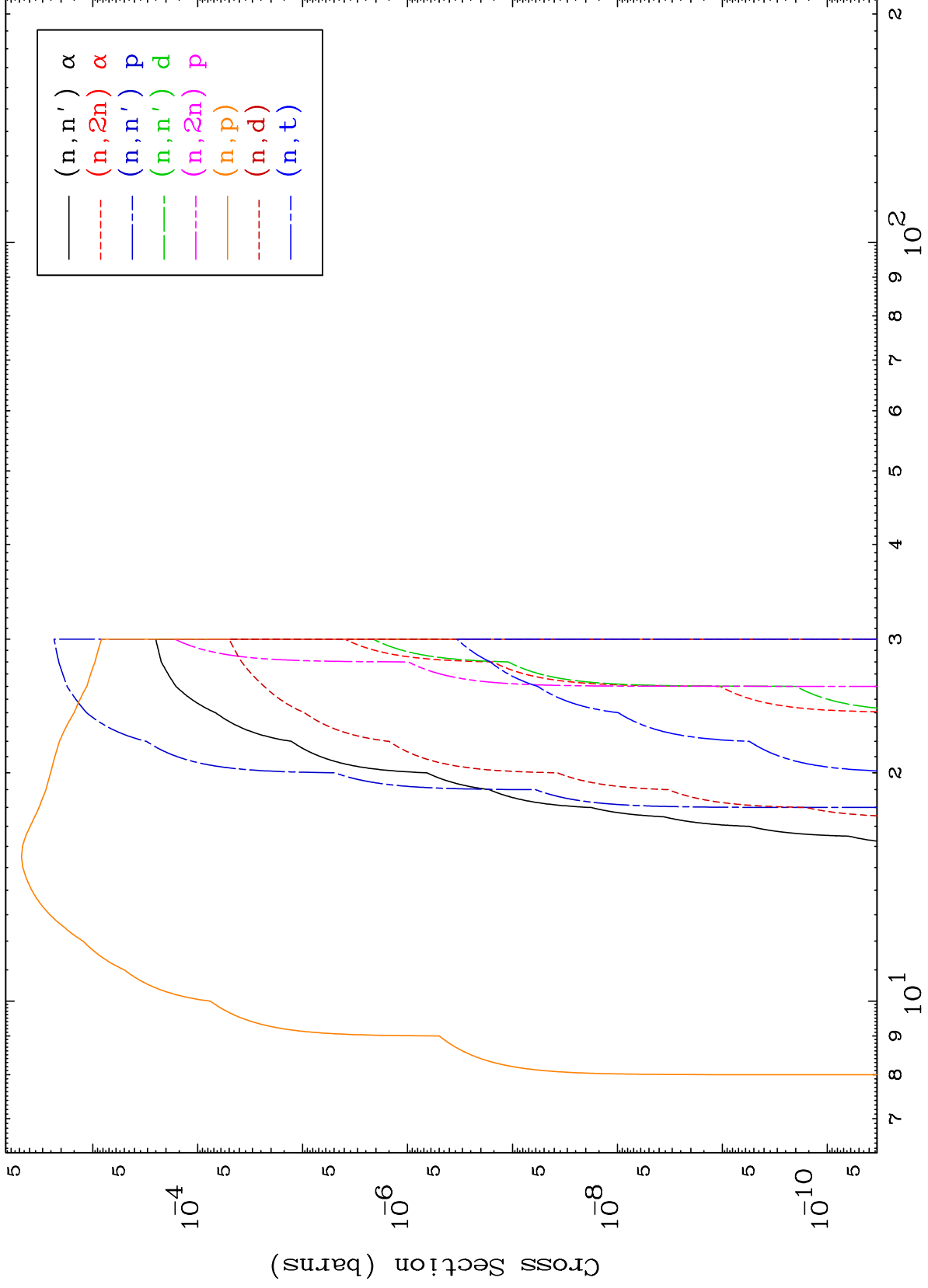


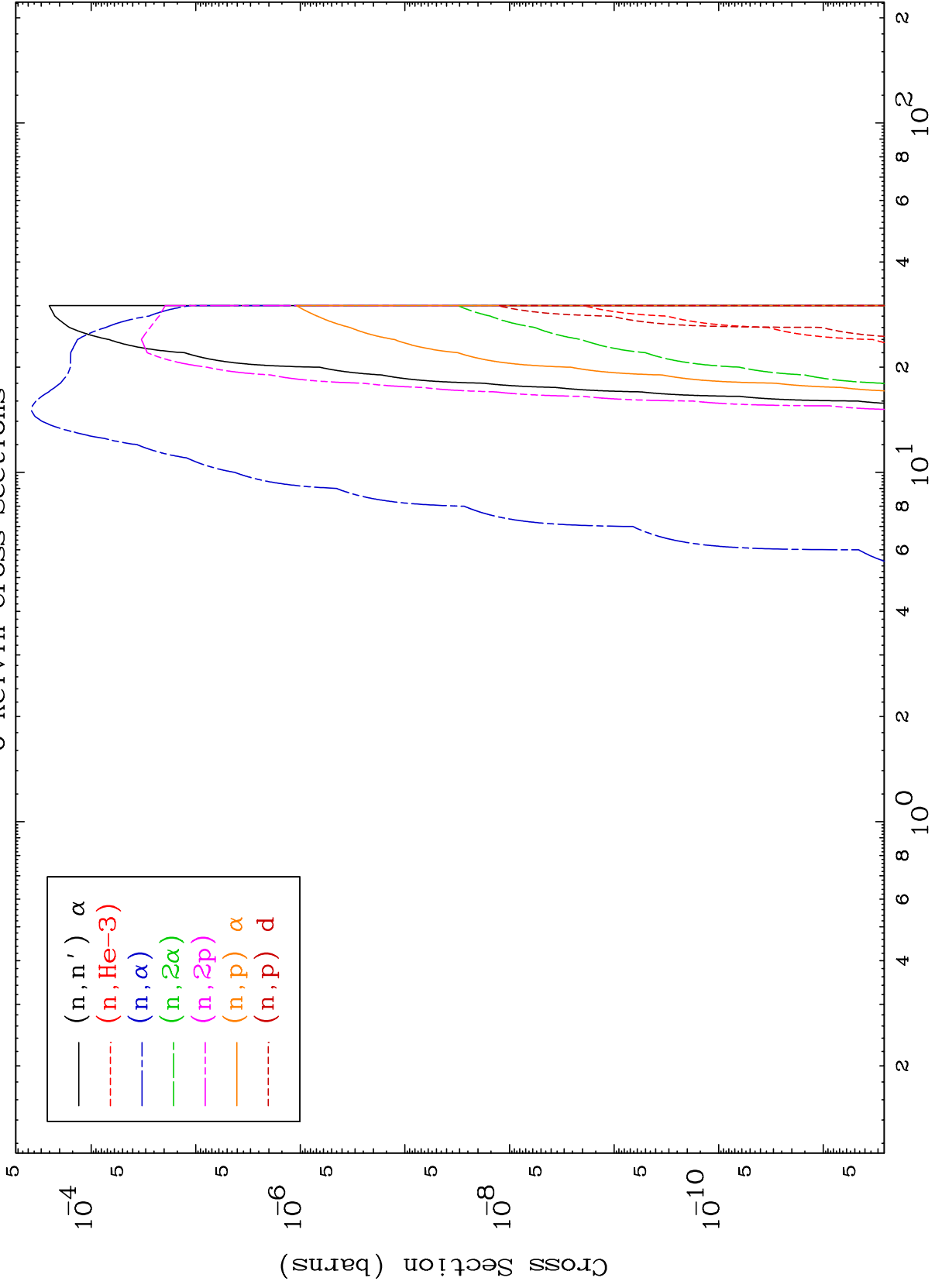
58-Ce-134

Incident Energy (MeV)

2





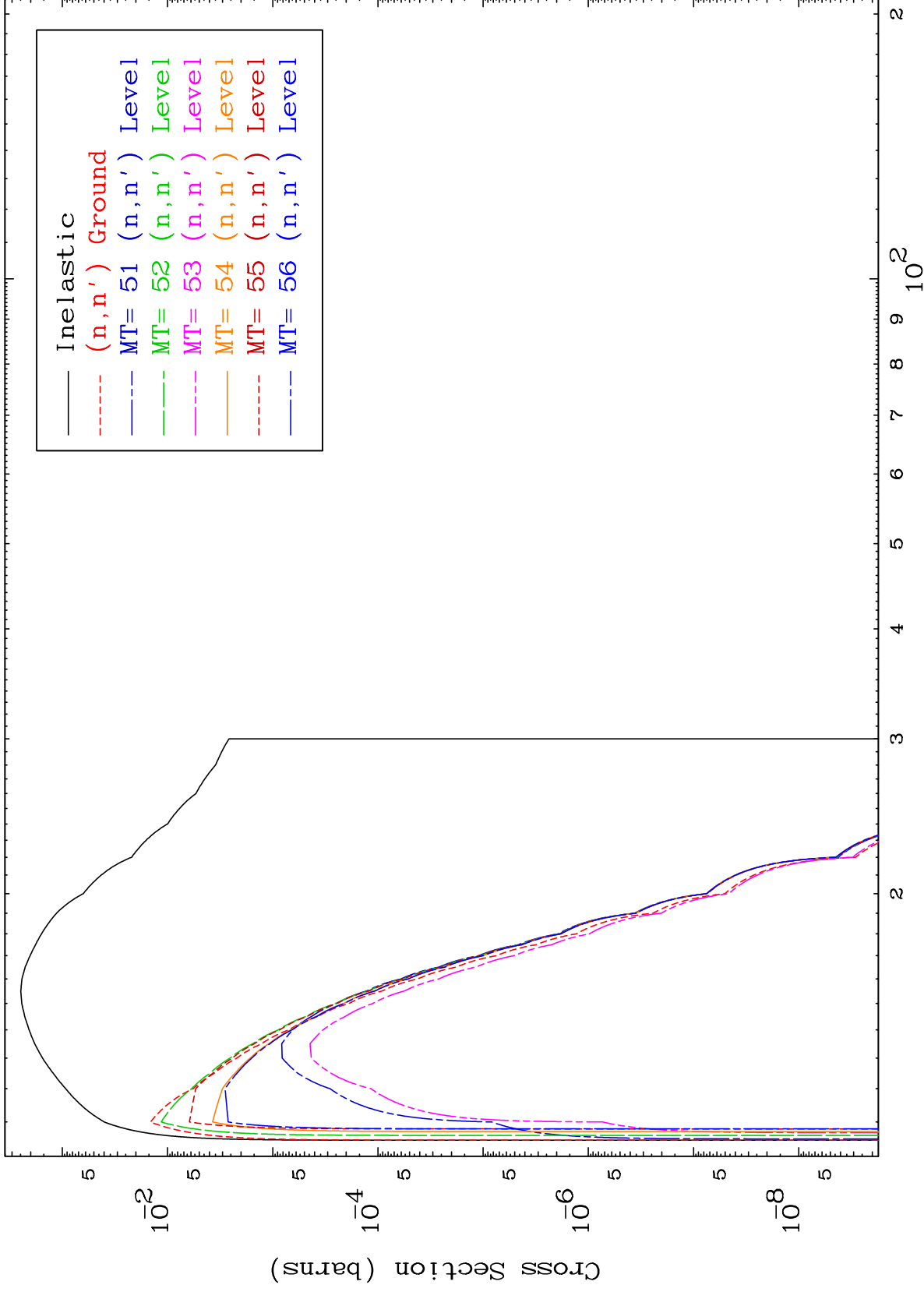


MAT 5819

( $\gamma, n'$ ) Levels

58-Ce-134

0 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-134

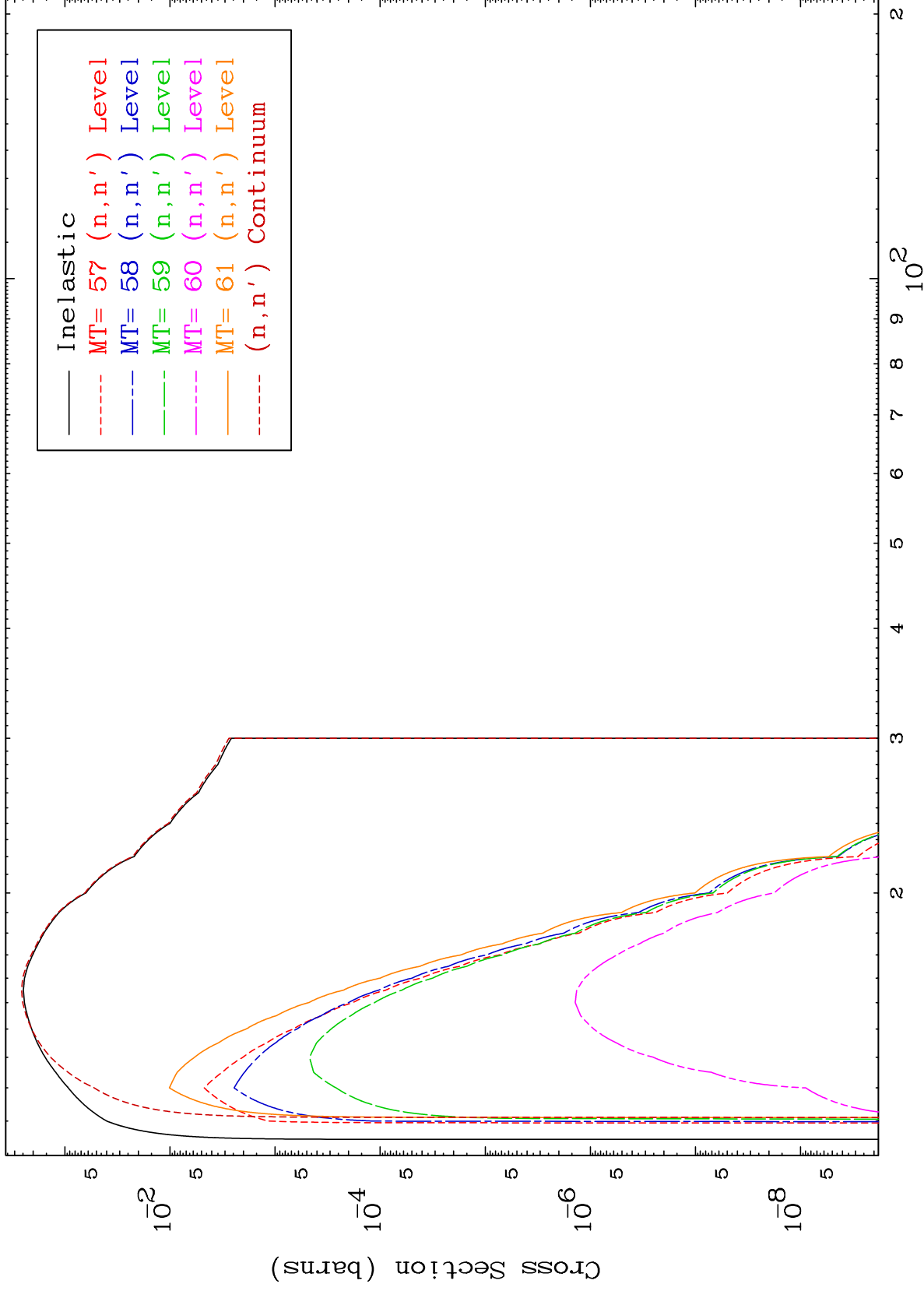
6

MAT 5819

( $\gamma, n'$ ) Levels

58-Ce-134

0 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-134

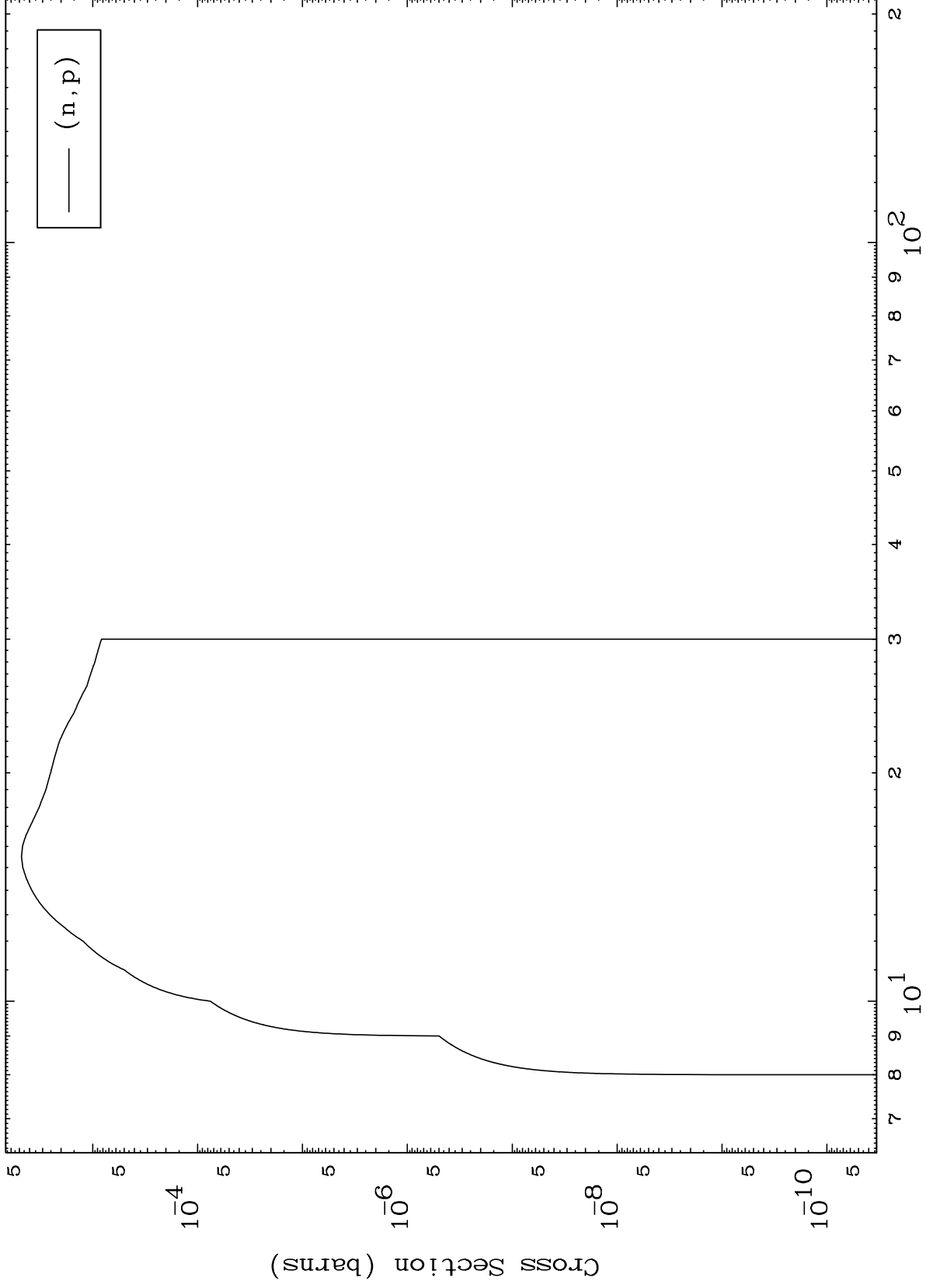
7



MAT 5819

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

58-Ce-134



8

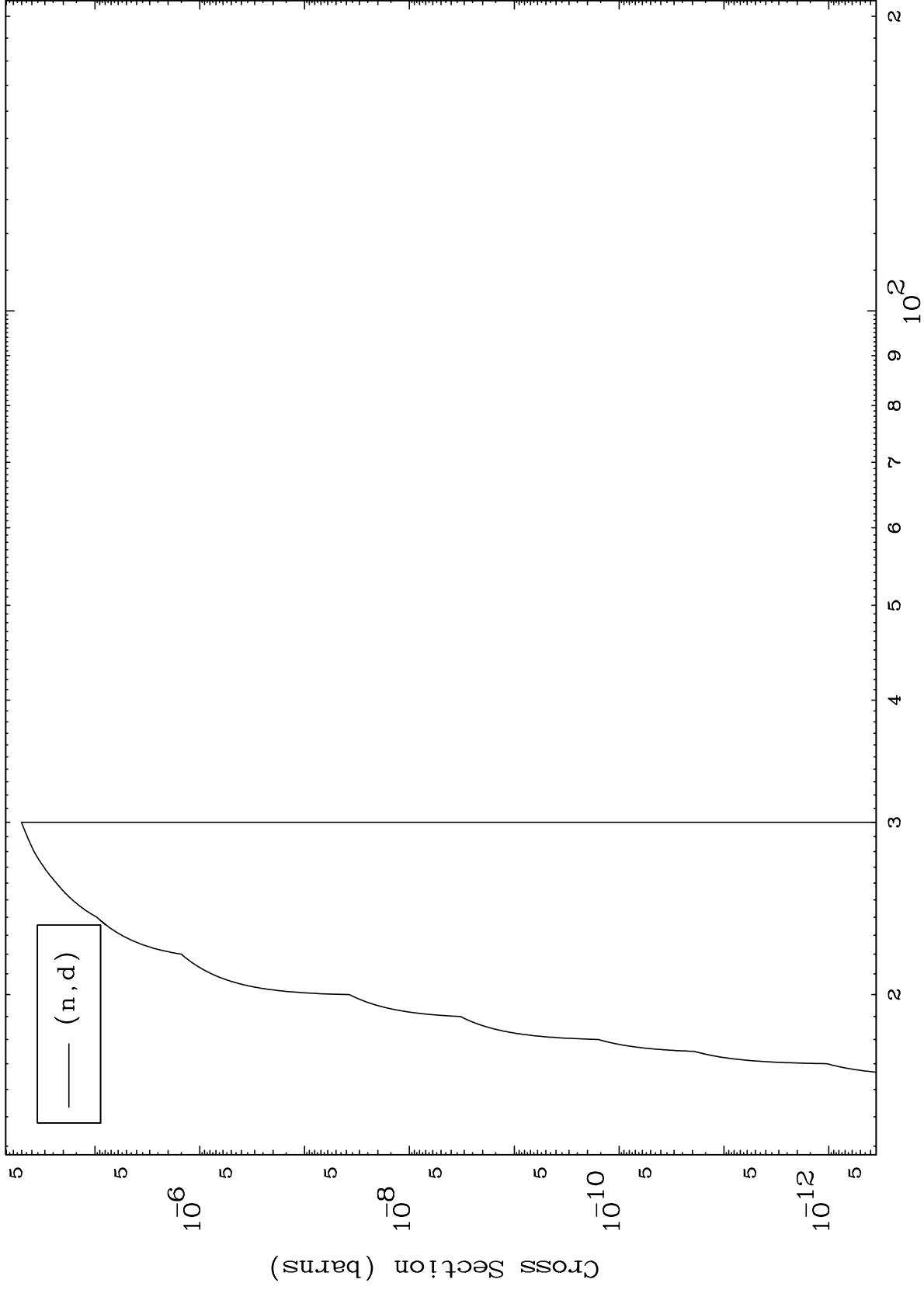
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



9

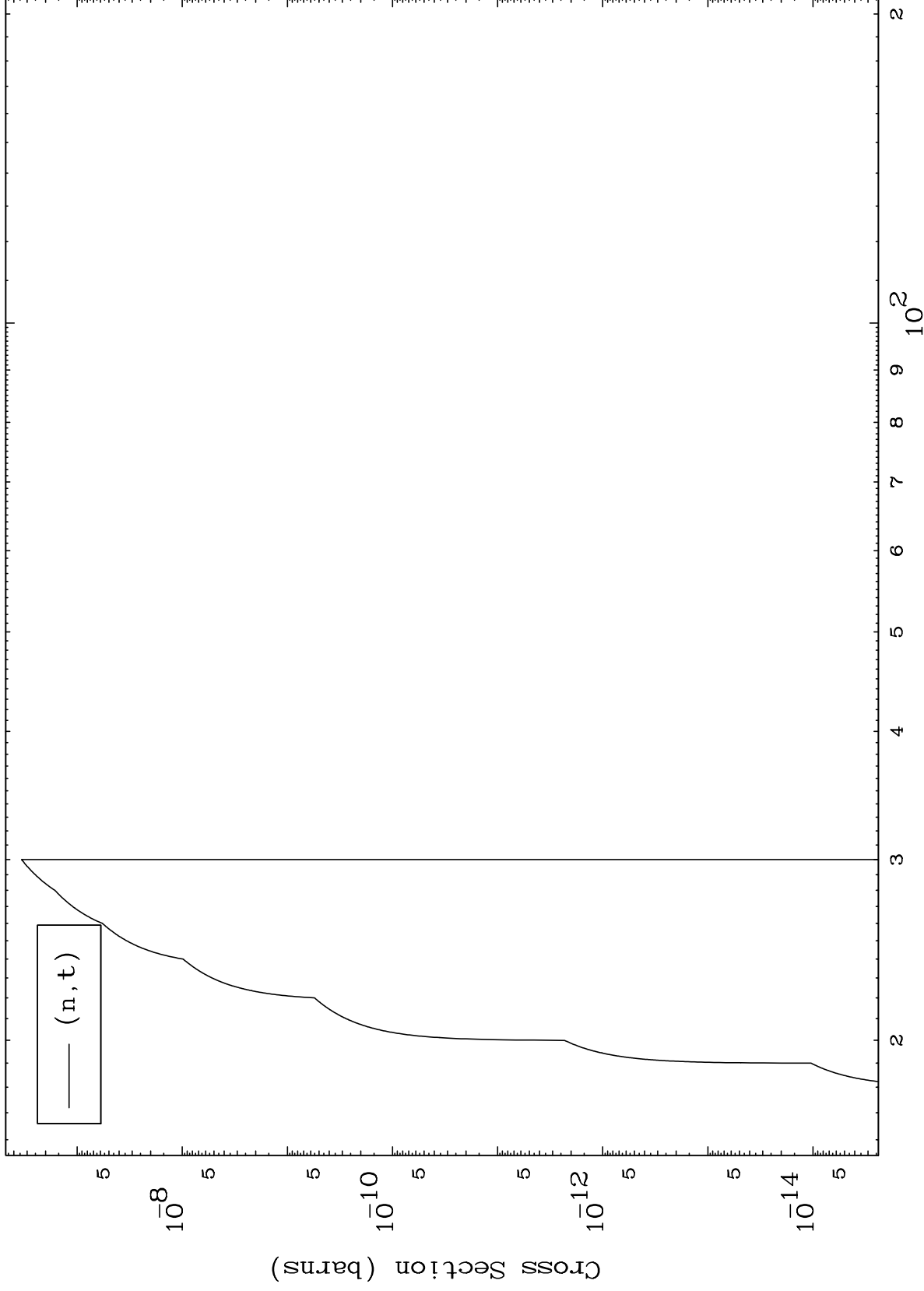
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

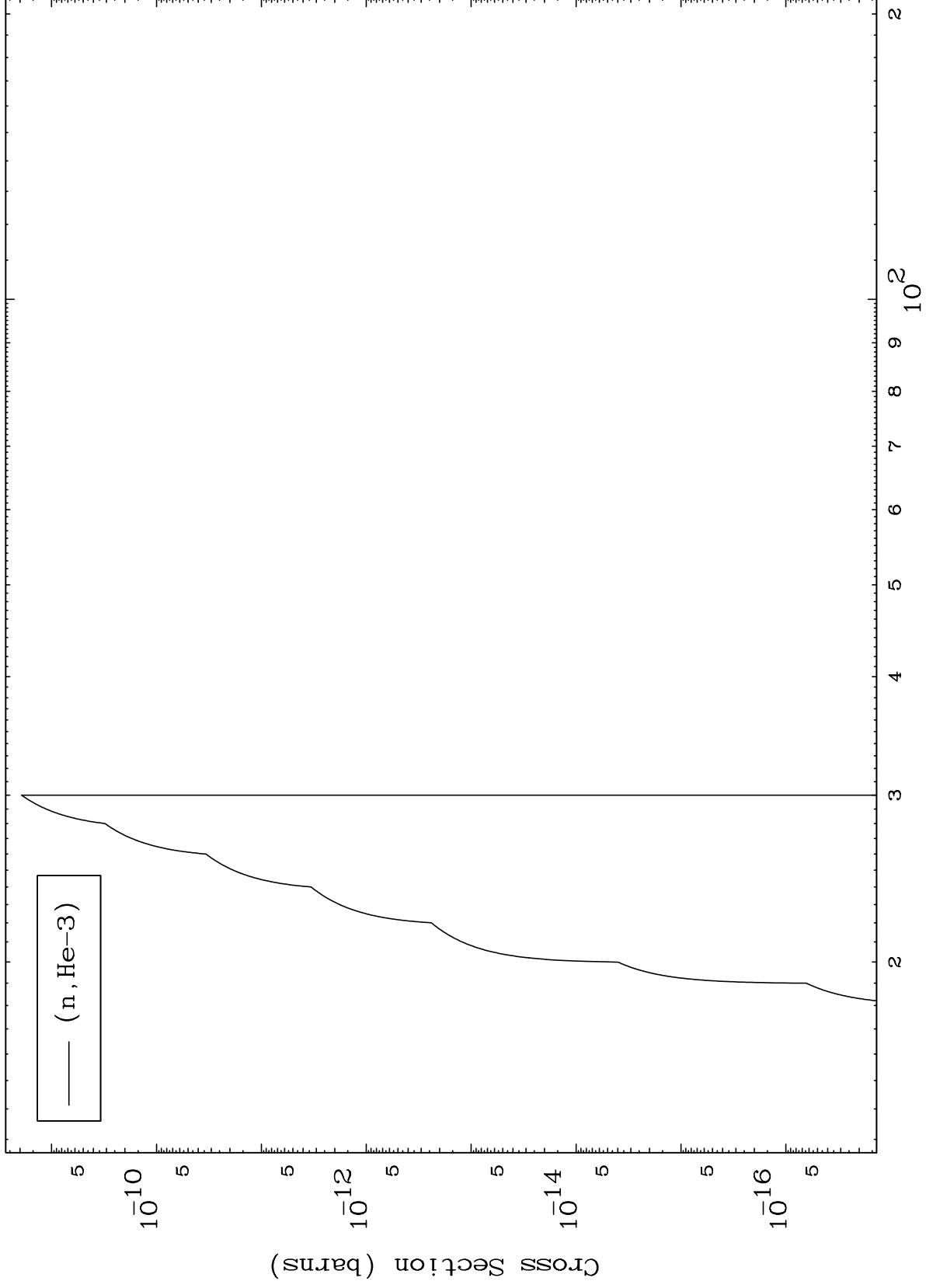
58-Ce-134



10

Incident Energy (MeV)

58-Ce-134

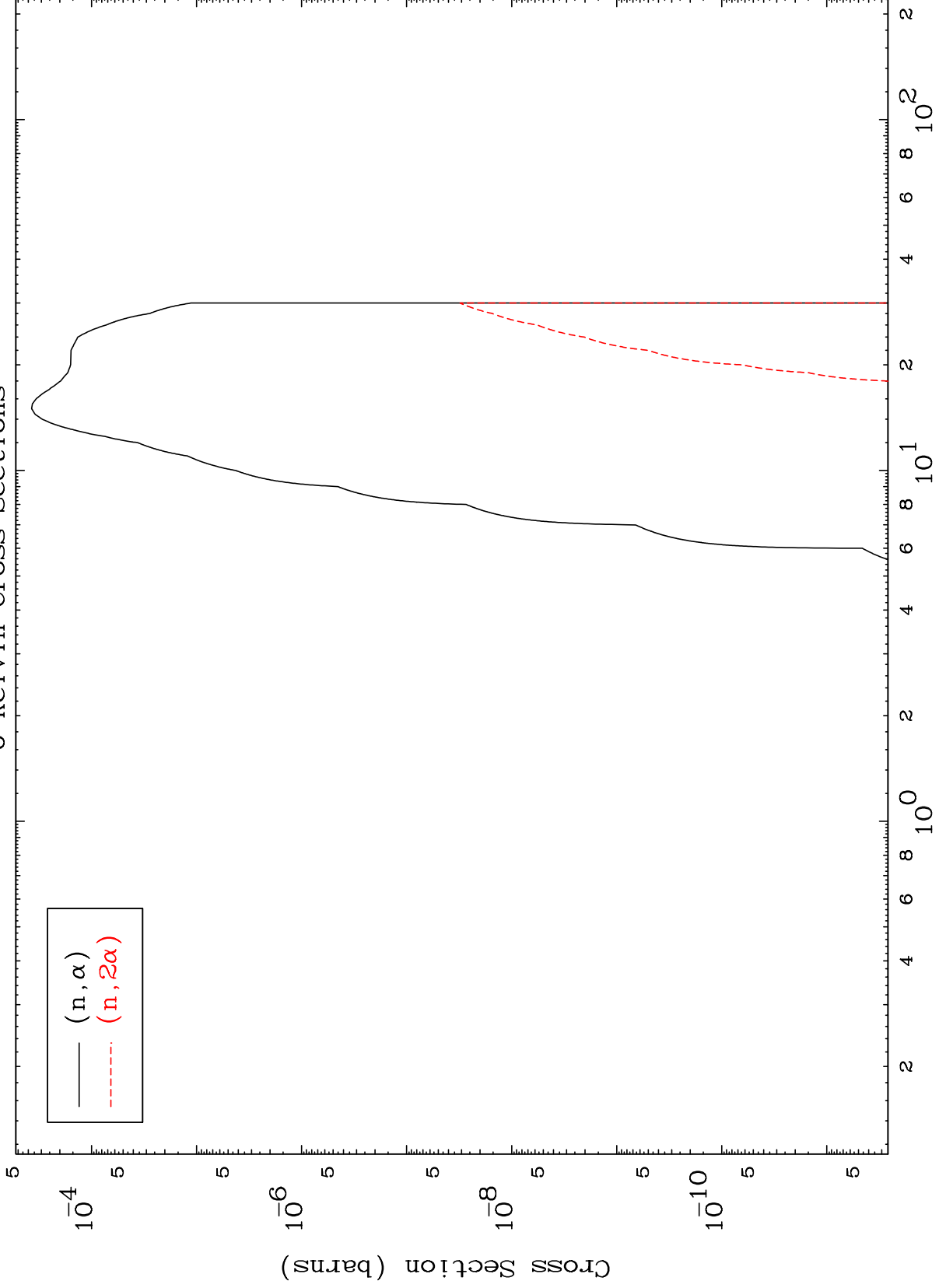


MAT 5819

( $\gamma, \alpha$ ) Levels

58-Ce-134

0 Kelvin Cross Sections

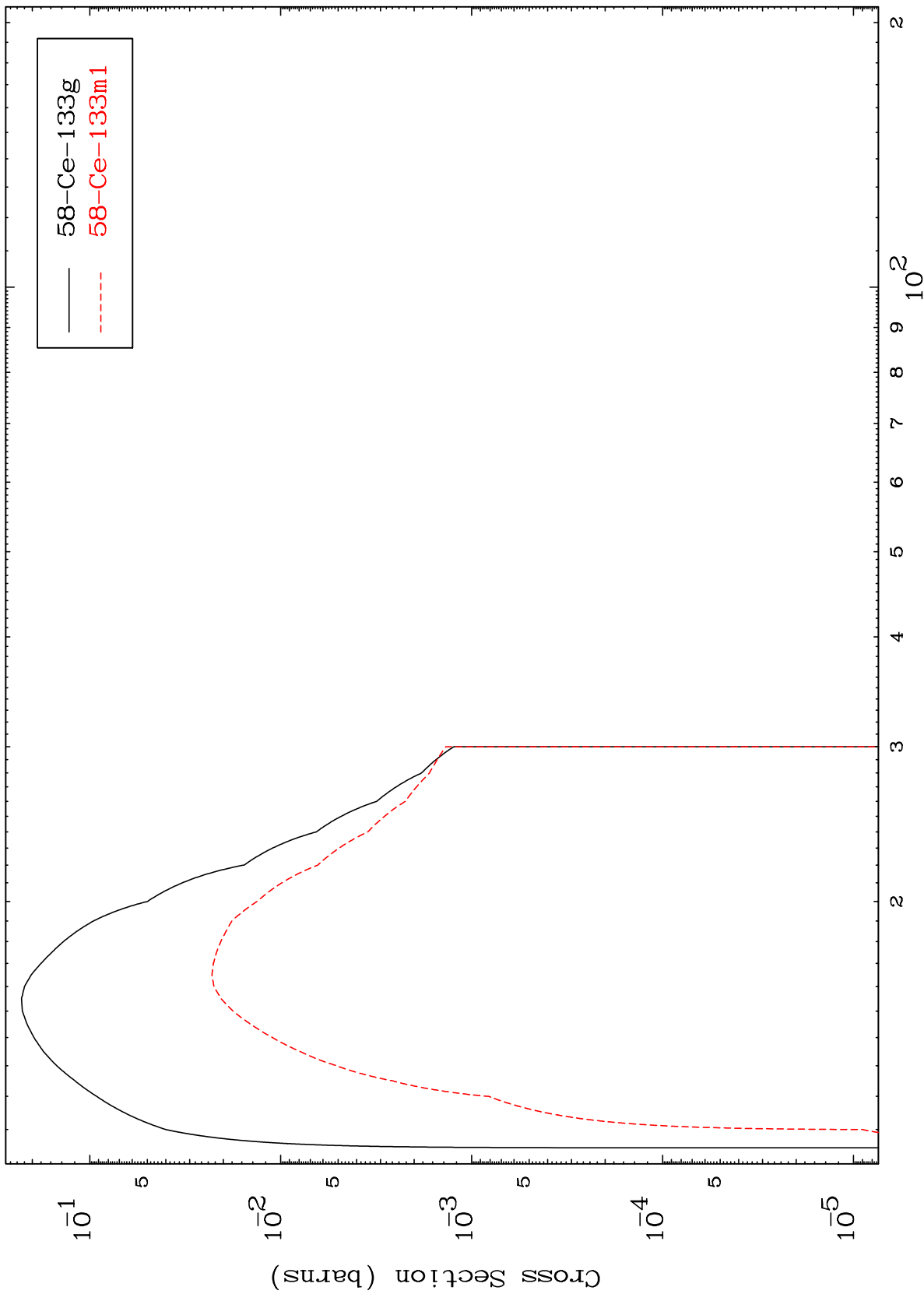


— (n, α)  
- - - (n, 2α)

MAT 5819

58-Ce-134

Inelastic  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

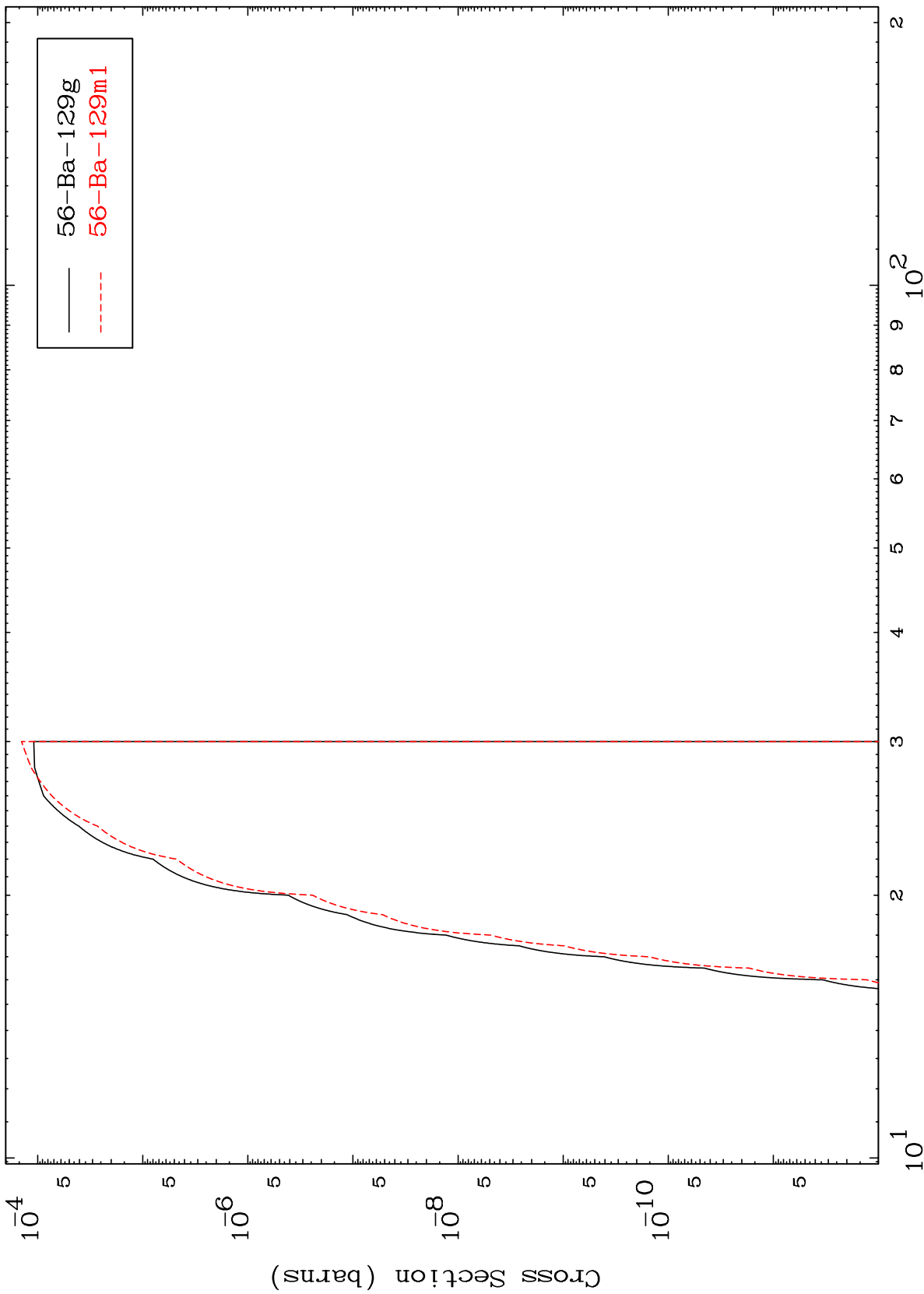
58-Ce-134

MAT 5819

$(n, n') \alpha$

58-Ce-134

Radionuclide Production Cross Section

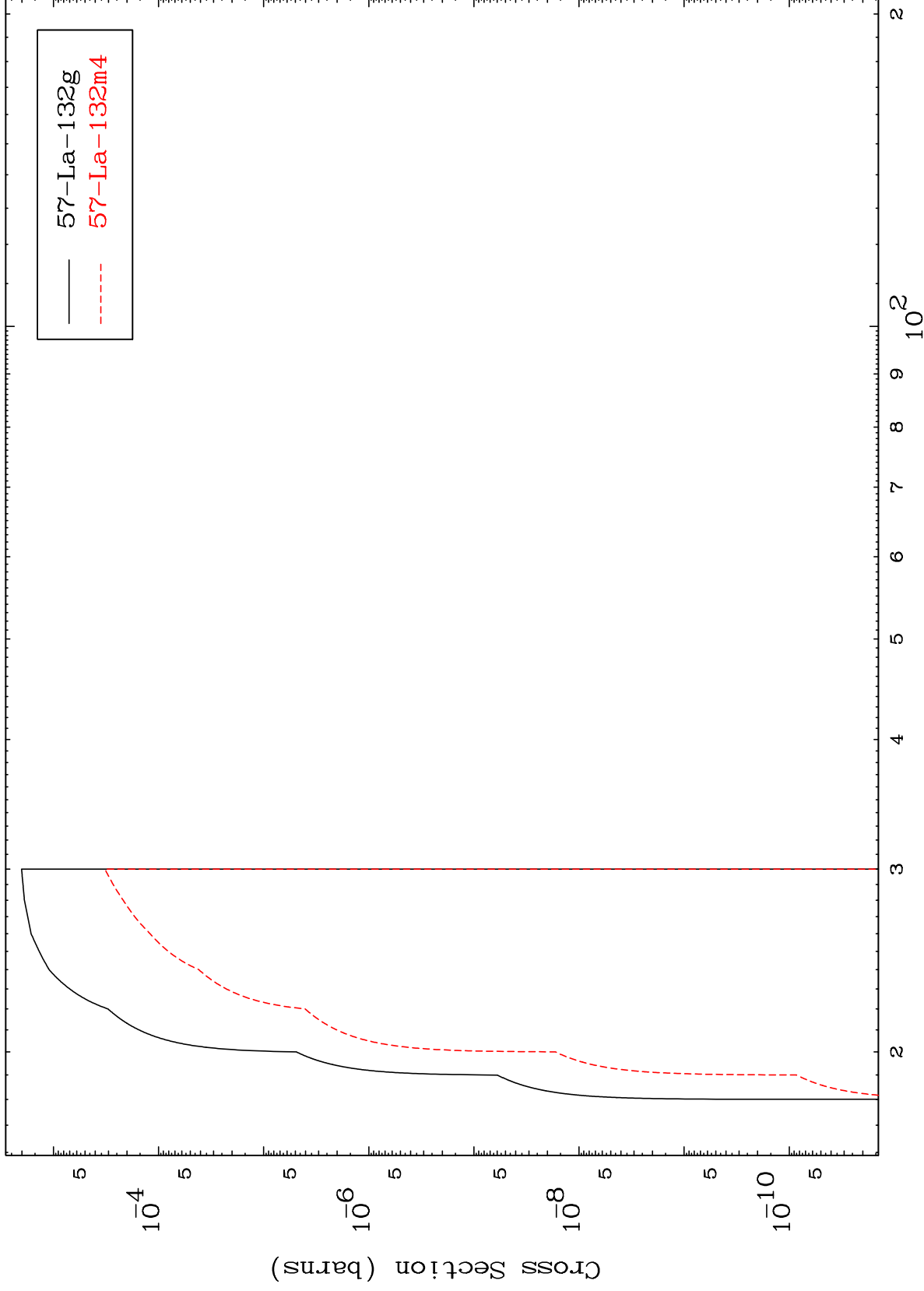


14

Incident Energy (MeV)

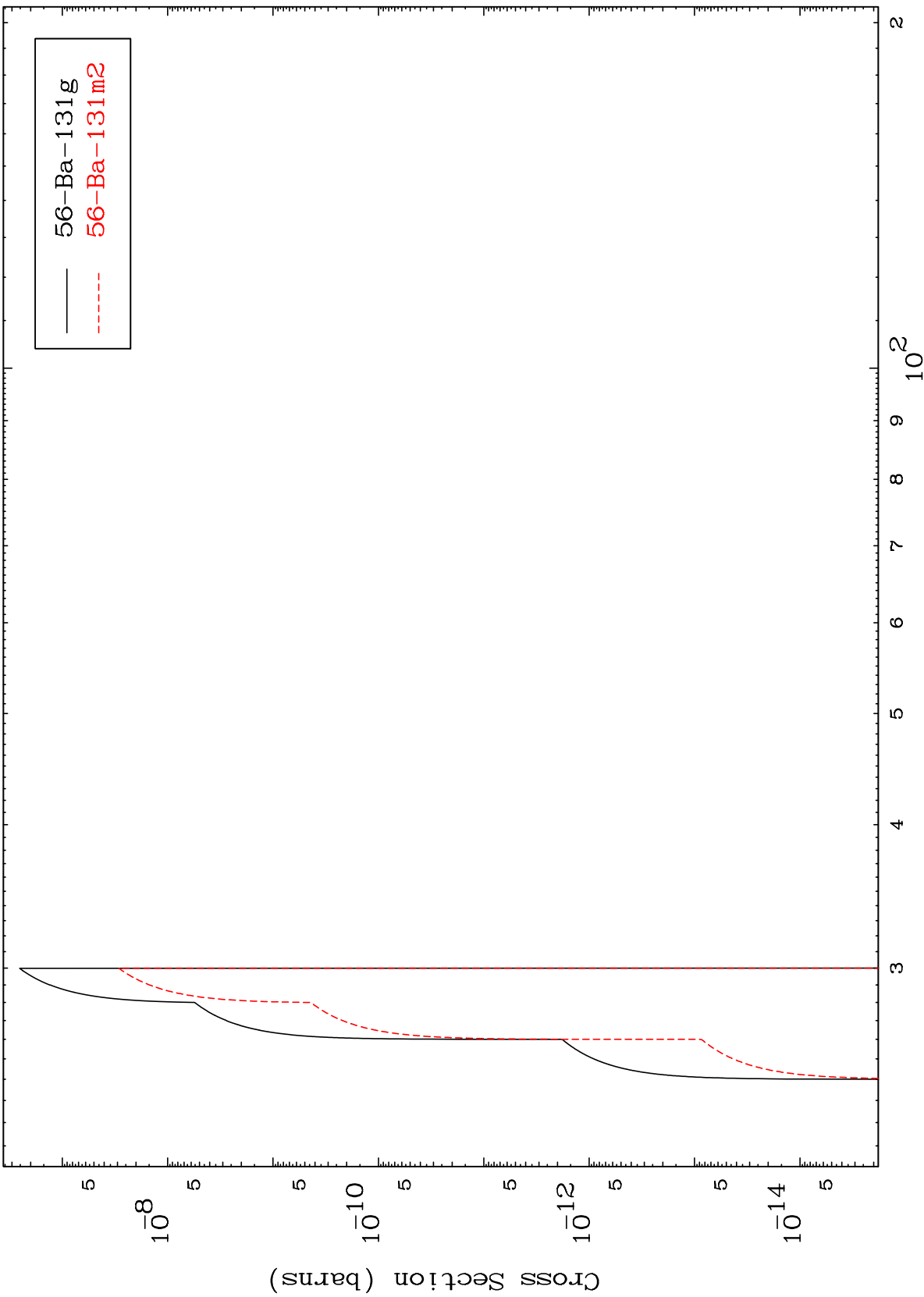
58-Ce-134

Radionuclide Production Cross Section





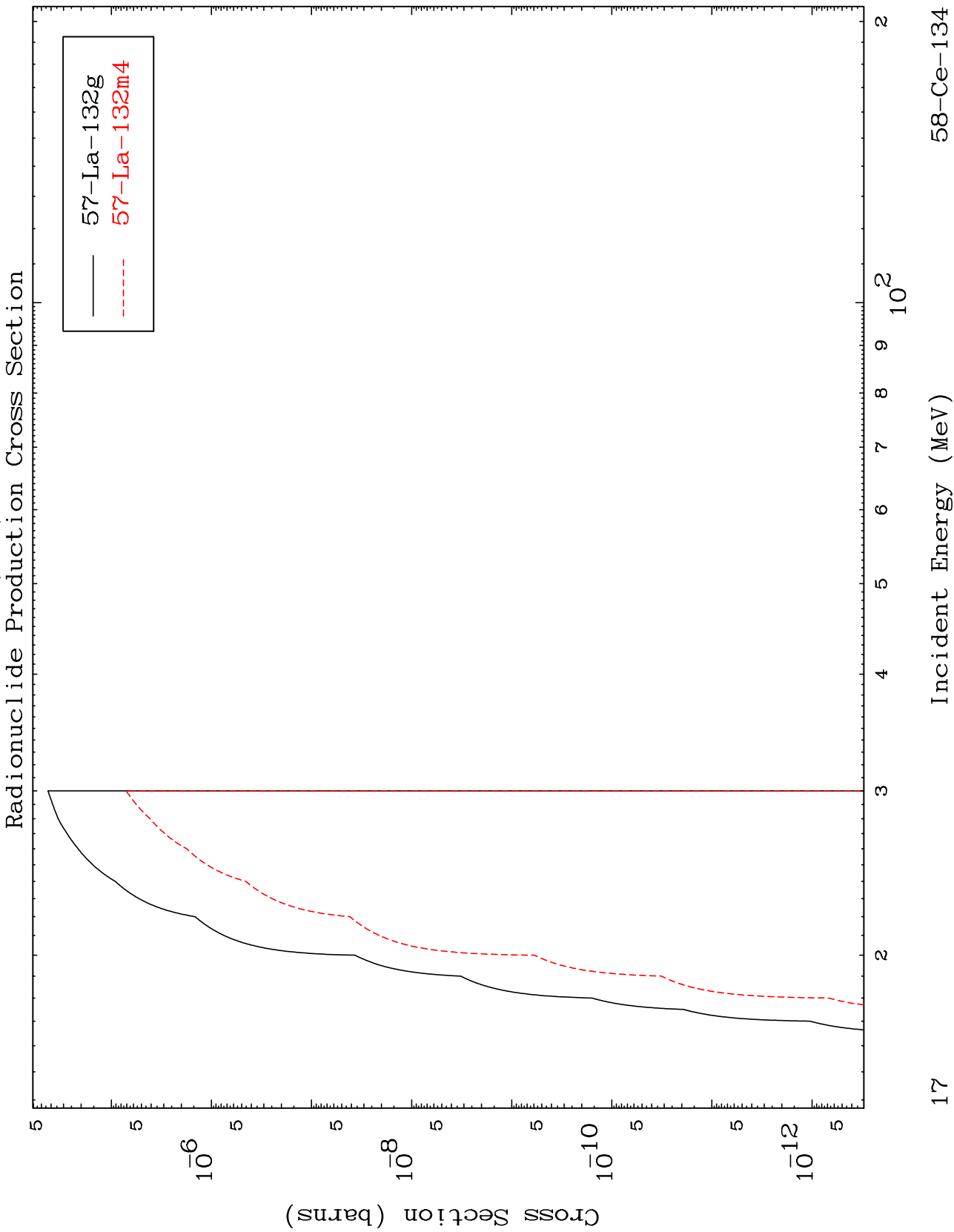
Radionuclide Production Cross Section



MAT 5819

(n,d)

58-Ce-134



17

Incident Energy (MeV)

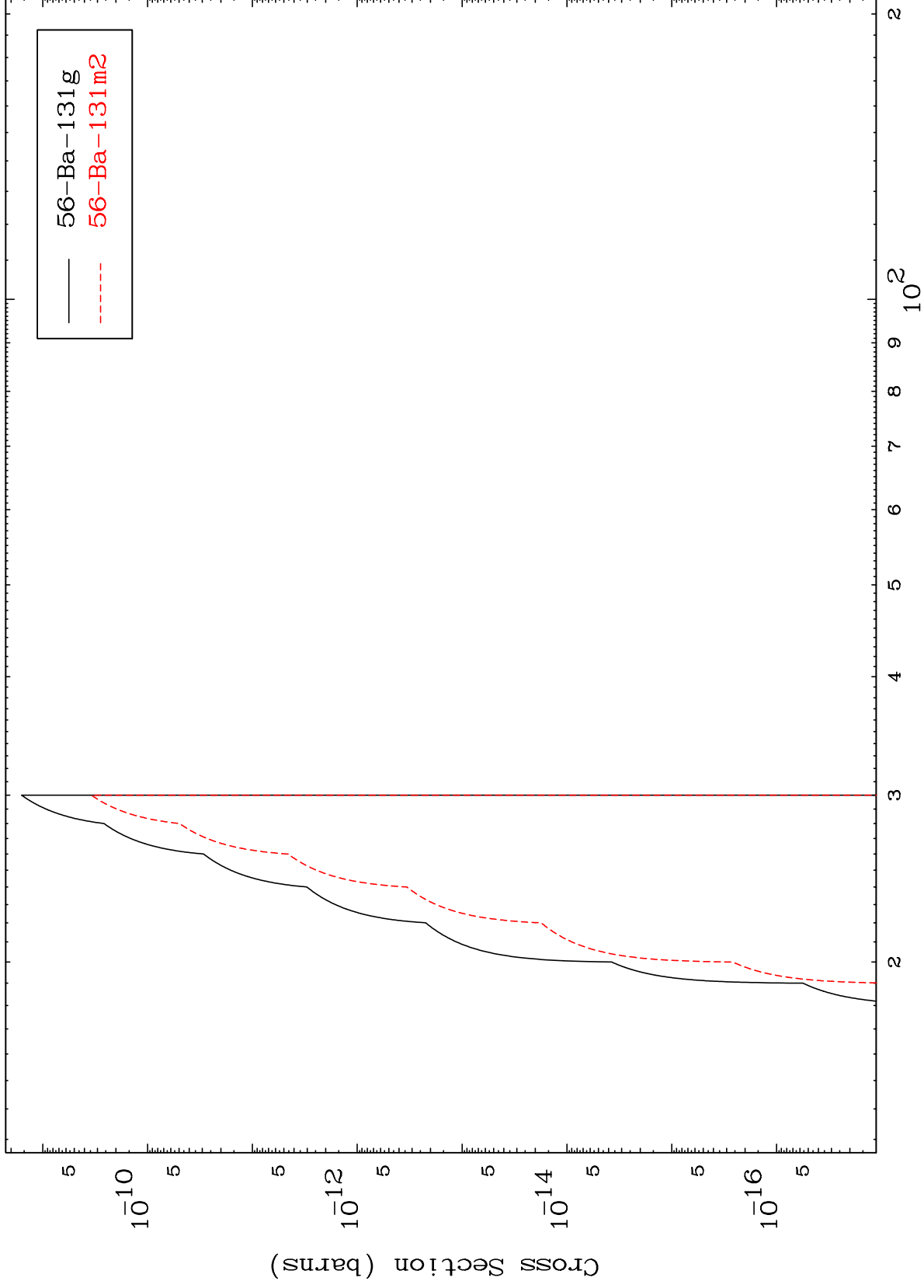
58-Ce-134

MAT 5819

(n,He-3)

58-Ce-134

Radionuclide Production Cross Section



18

Incident Energy (MeV)

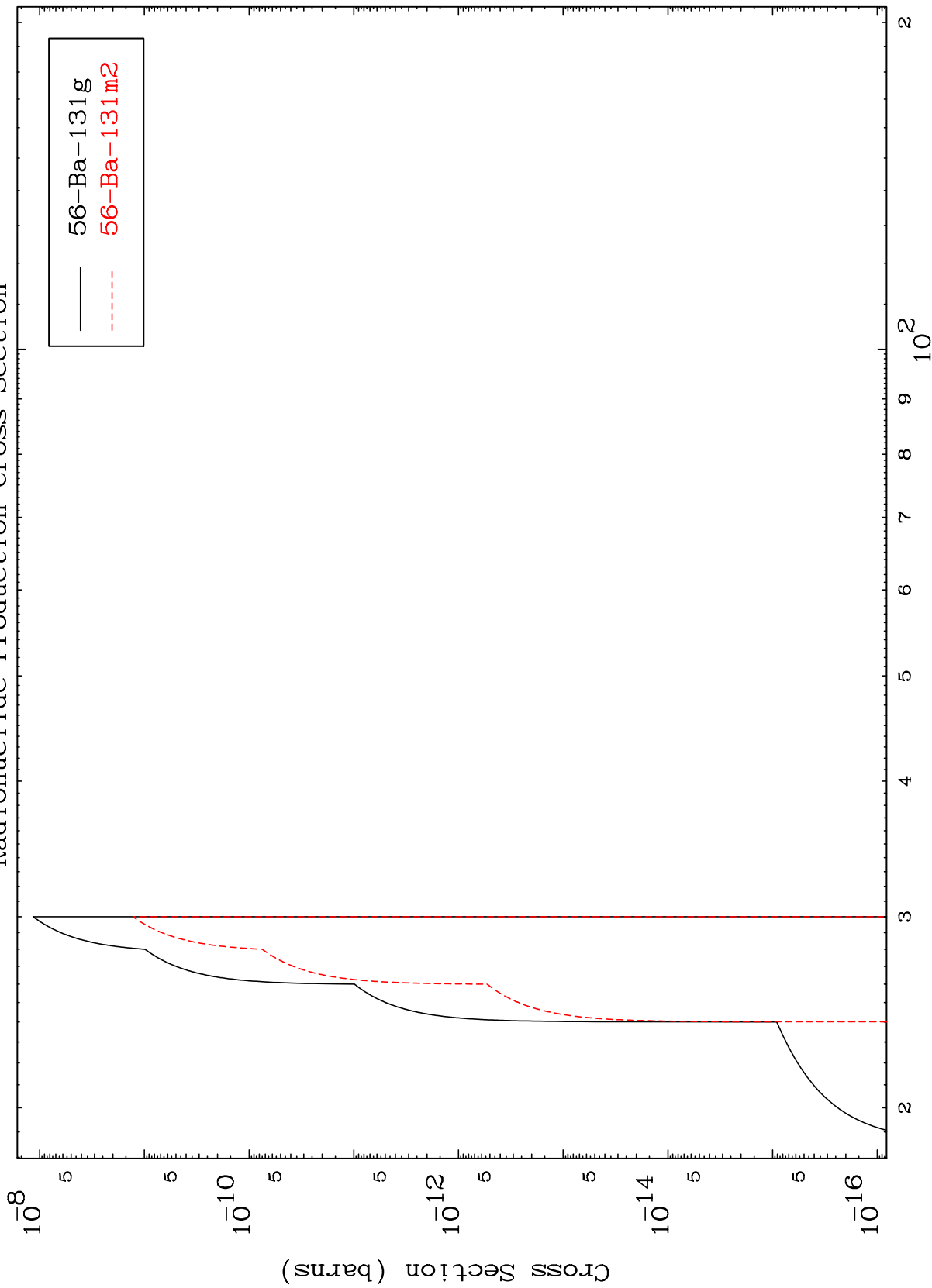
58-Ce-134

MAT 5819

(n,p) d

58-Ce-134

Radionuclide Production Cross Section



19

Incident Energy (MeV)

58-Ce-134