

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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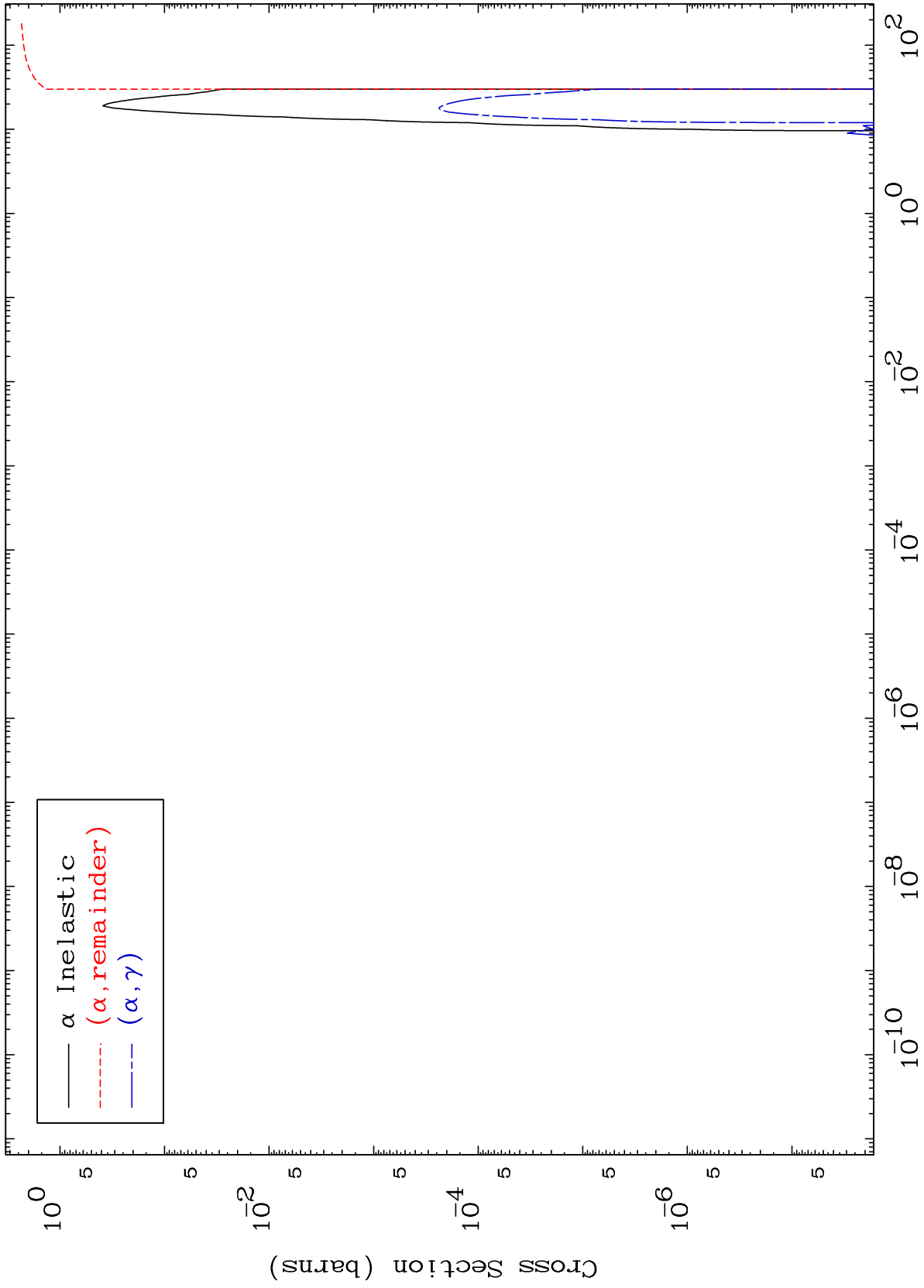
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5829

0 Kelvin  $\alpha$  Major  
Cross Sections

58-Ce-137



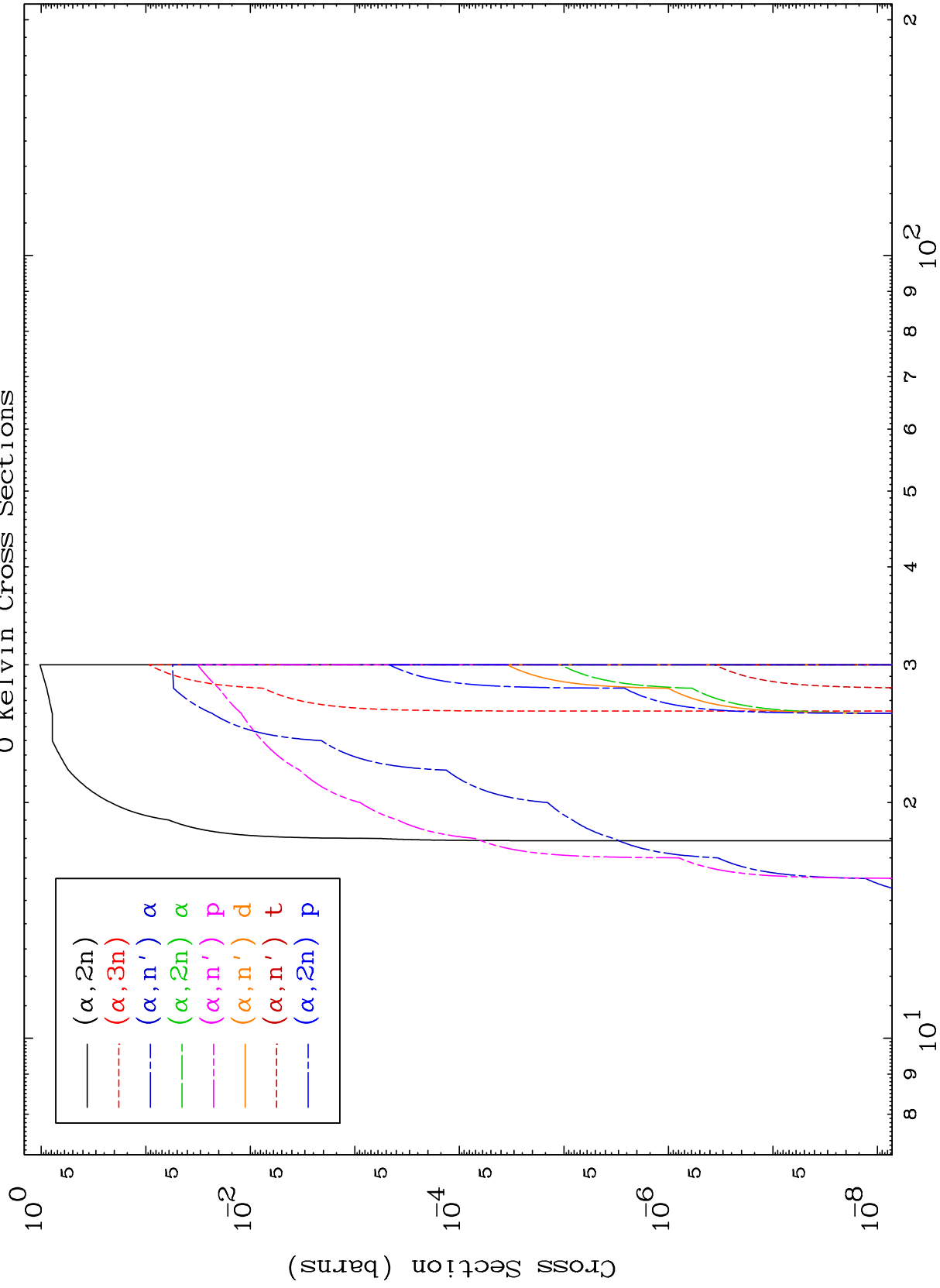
1

58-Ce-137

MAT 5829

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

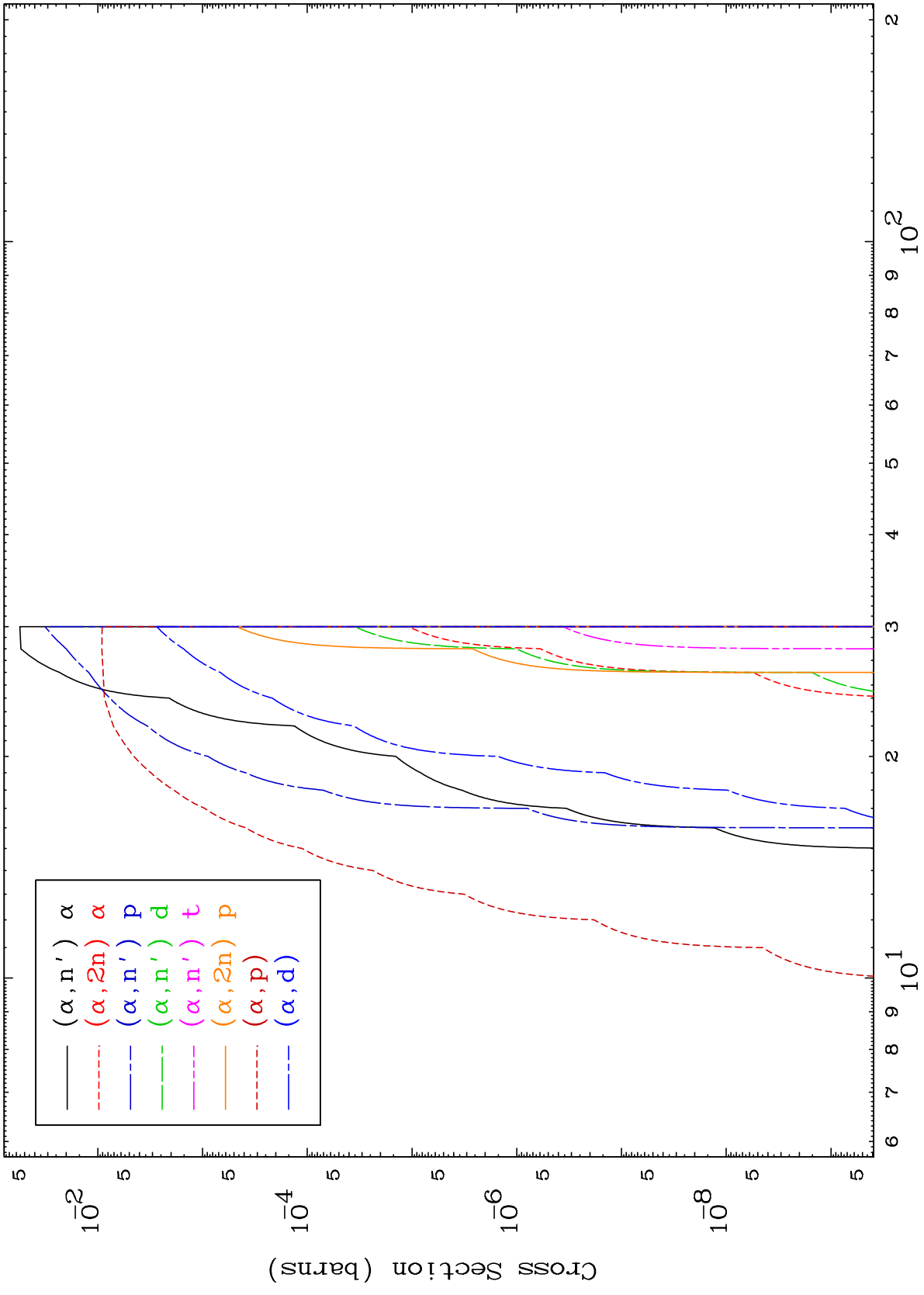
58-Ce-137



2

Incident Energy (MeV)

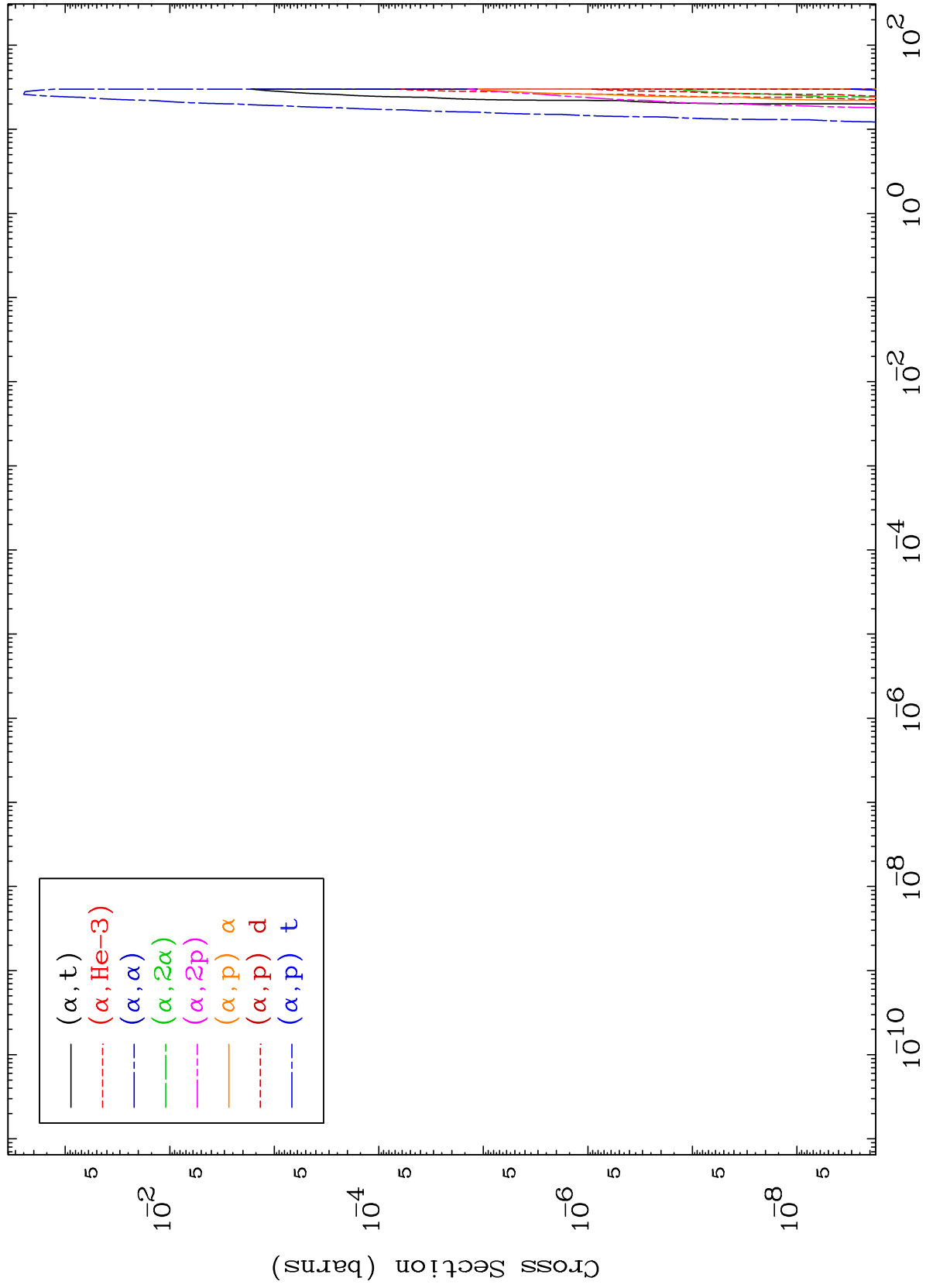
58-Ce-137



MAT 5829

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

58-Ce-137

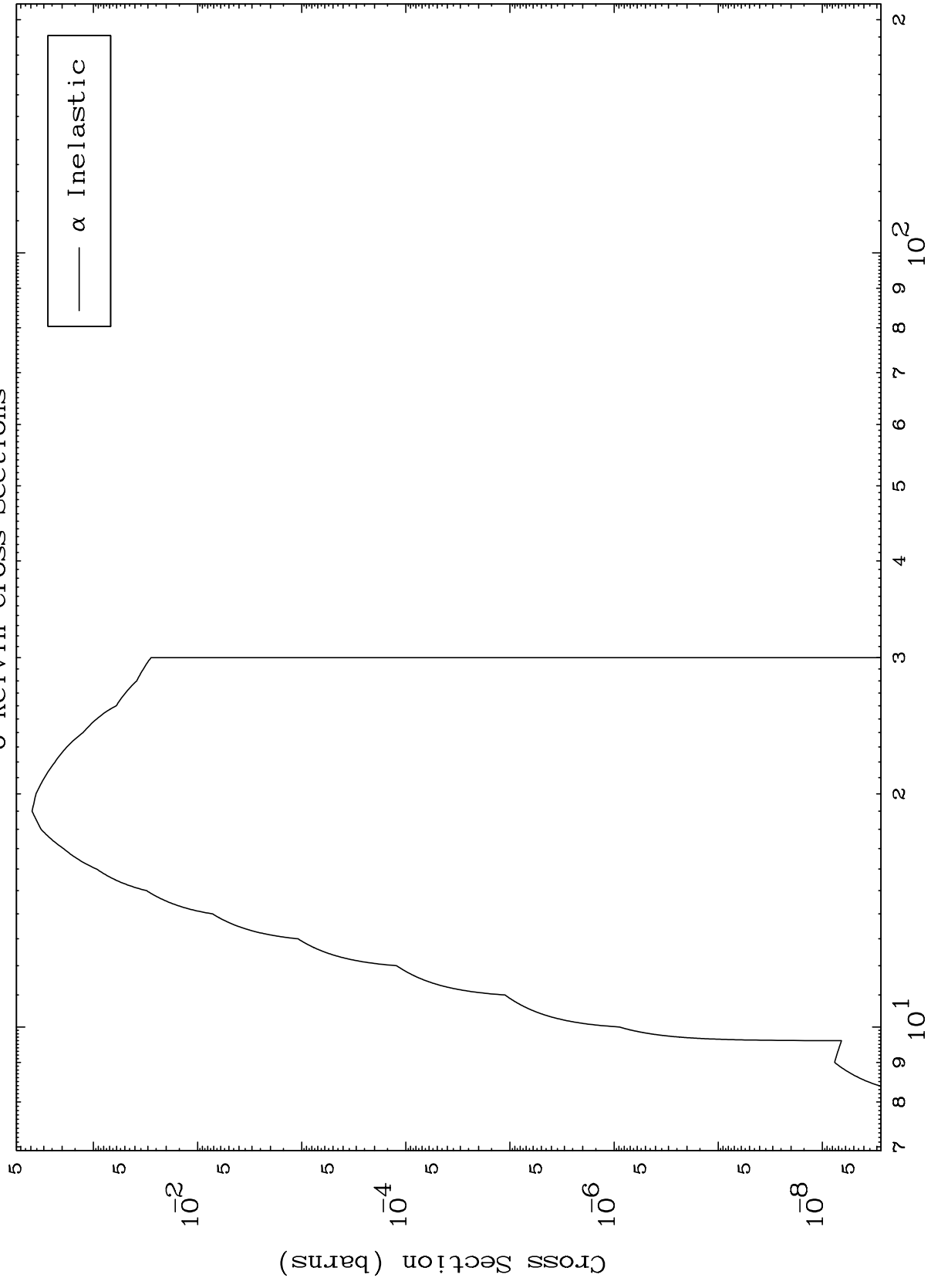


58-Ce-137

MAT 5829

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

58-Ce-137



5

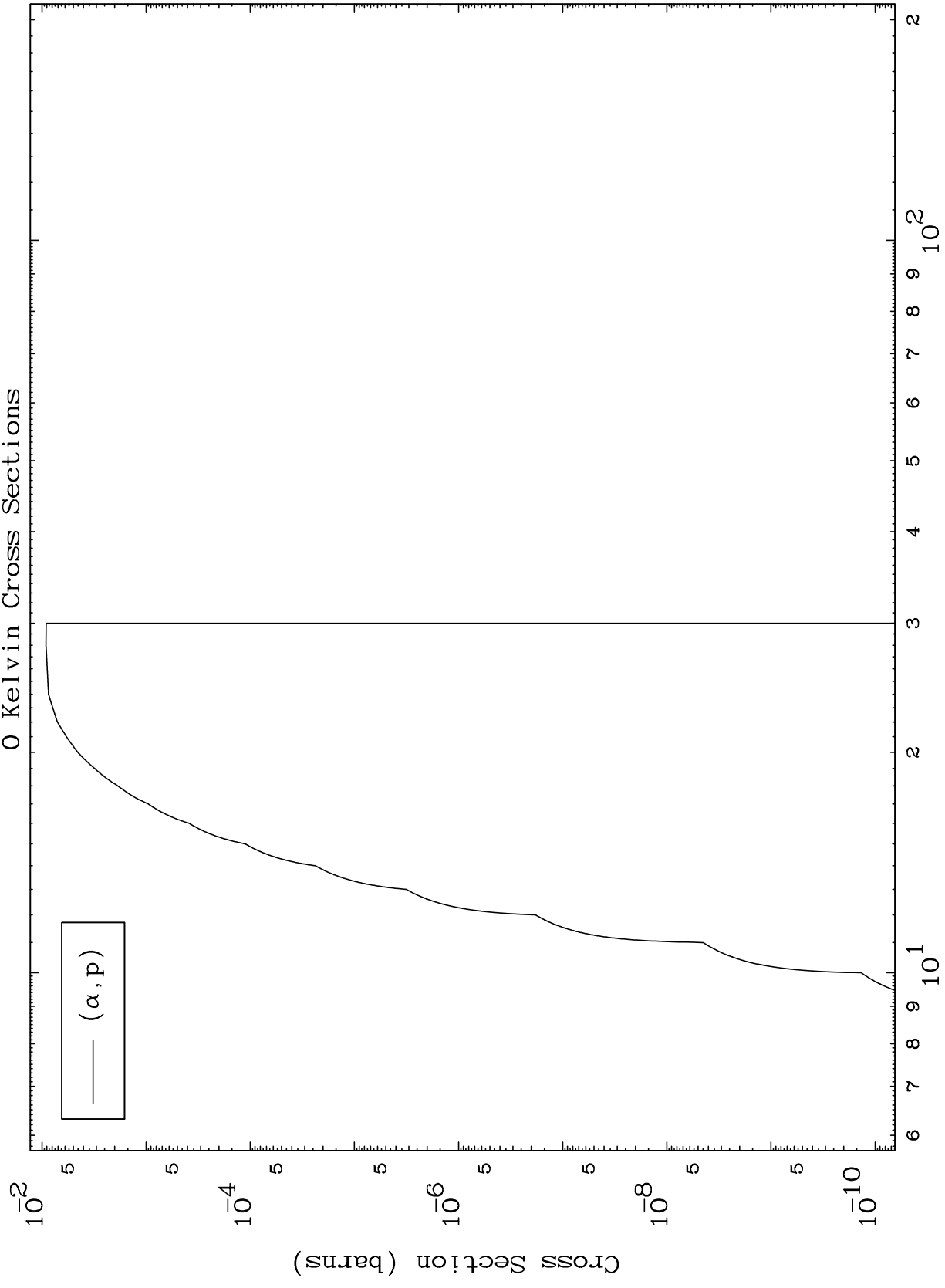
Incident Energy (MeV)

58-Ce-137

MAT 5829

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

58-Ce-137



6

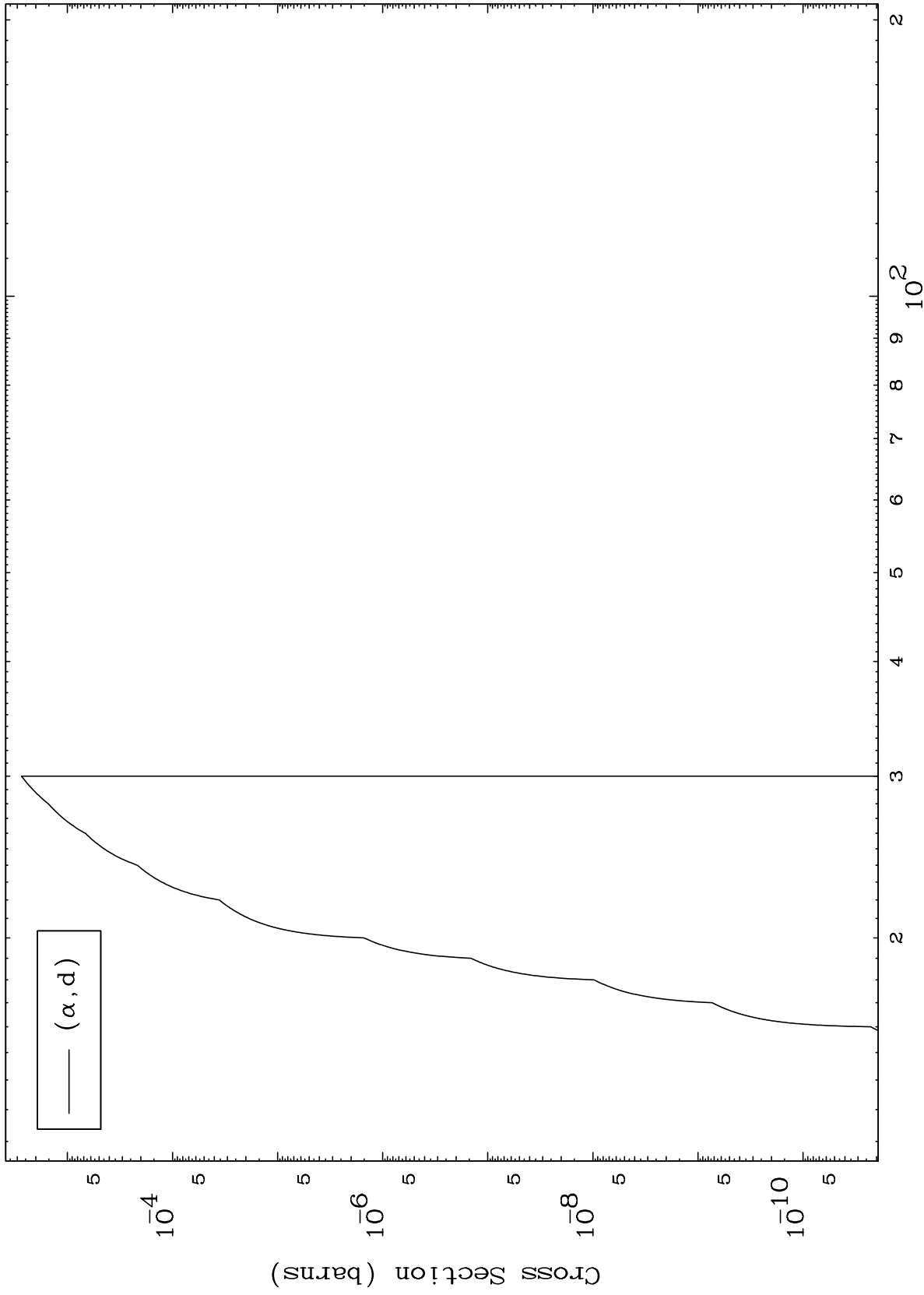
Incident Energy (MeV)

58-Ce-137

MAT 5829

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

58-Ce-137



7

Incident Energy (MeV)

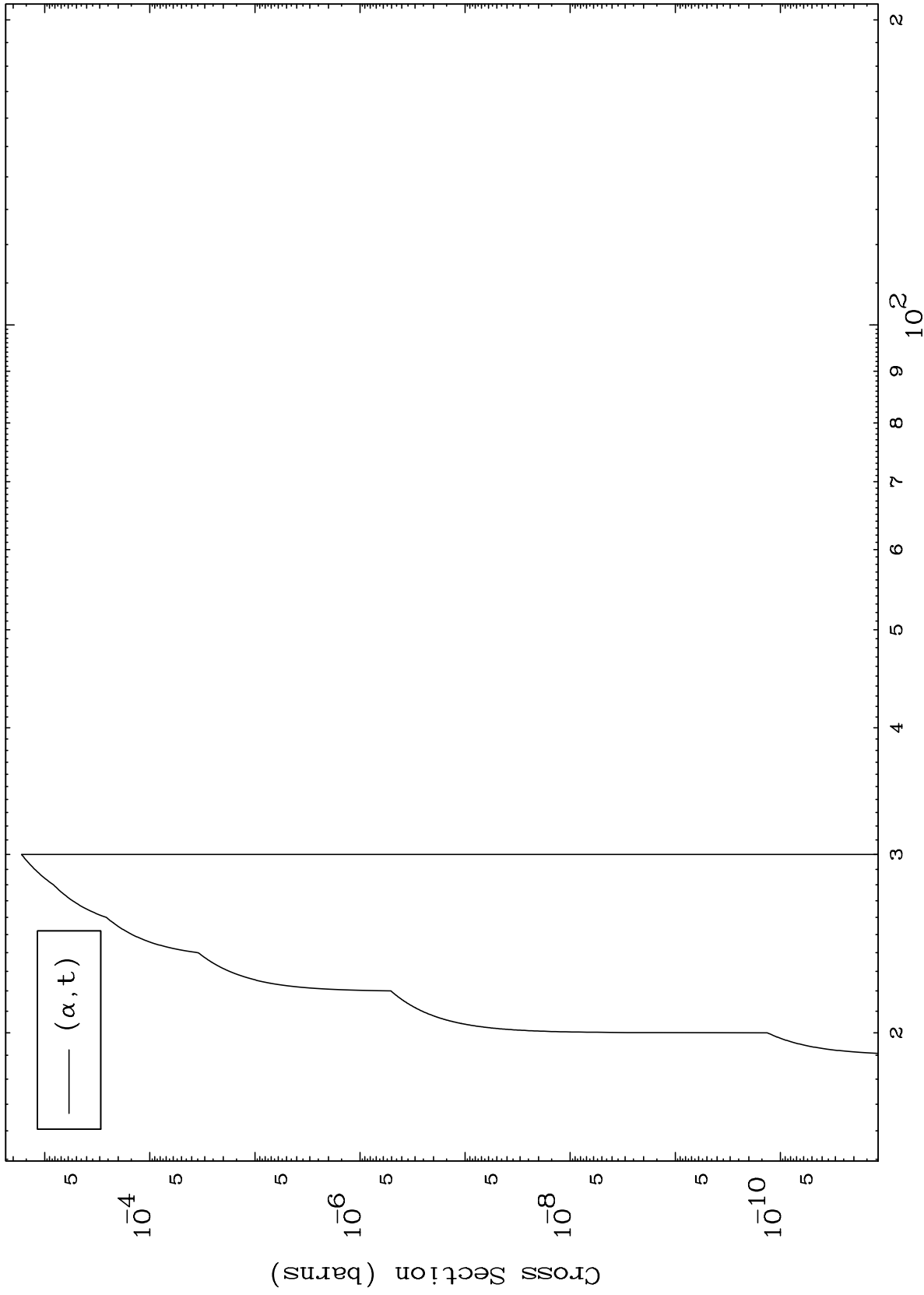
58-Ce-137



MAT 5829

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

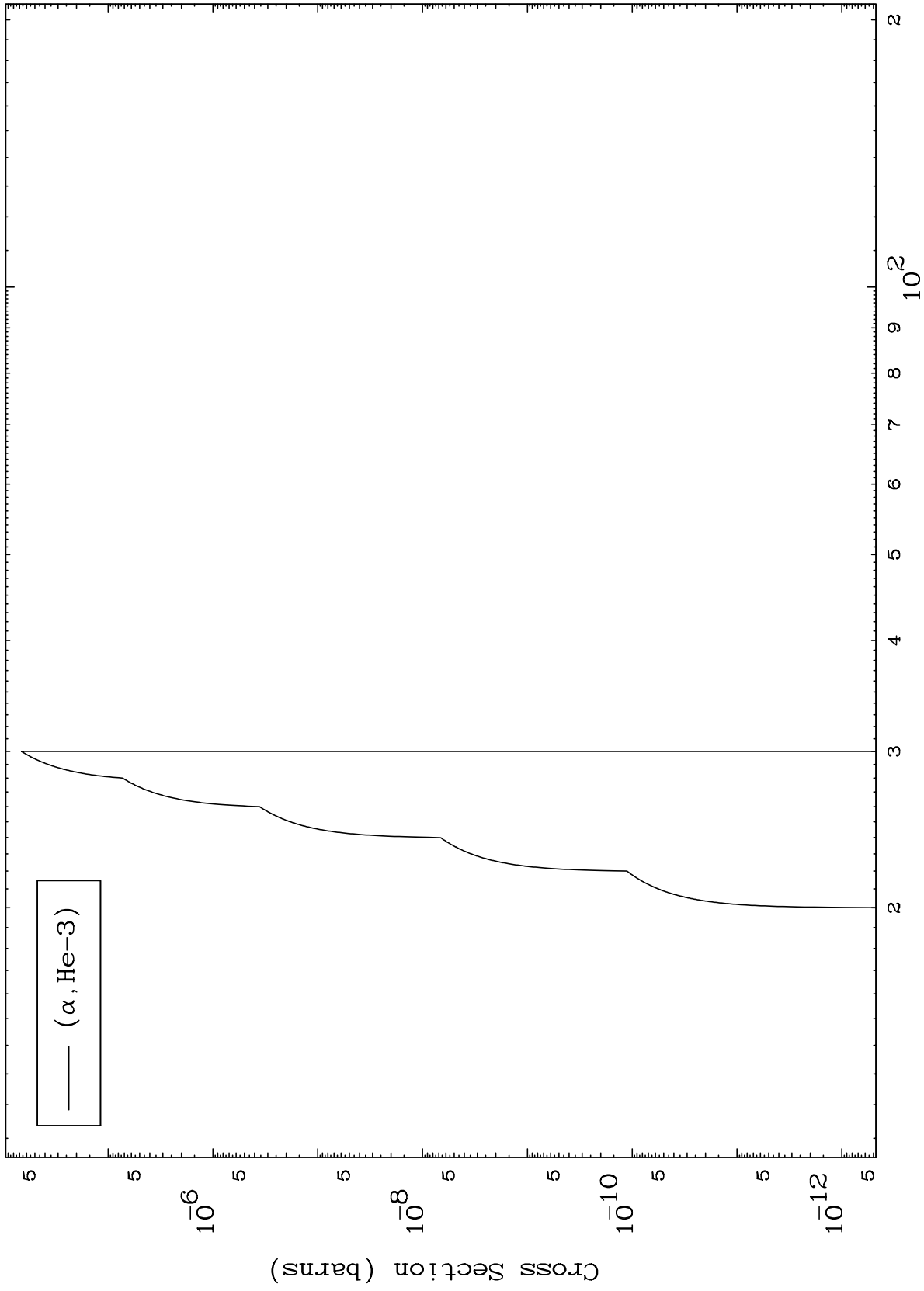
58-Ce-137



8

Incident Energy (MeV)

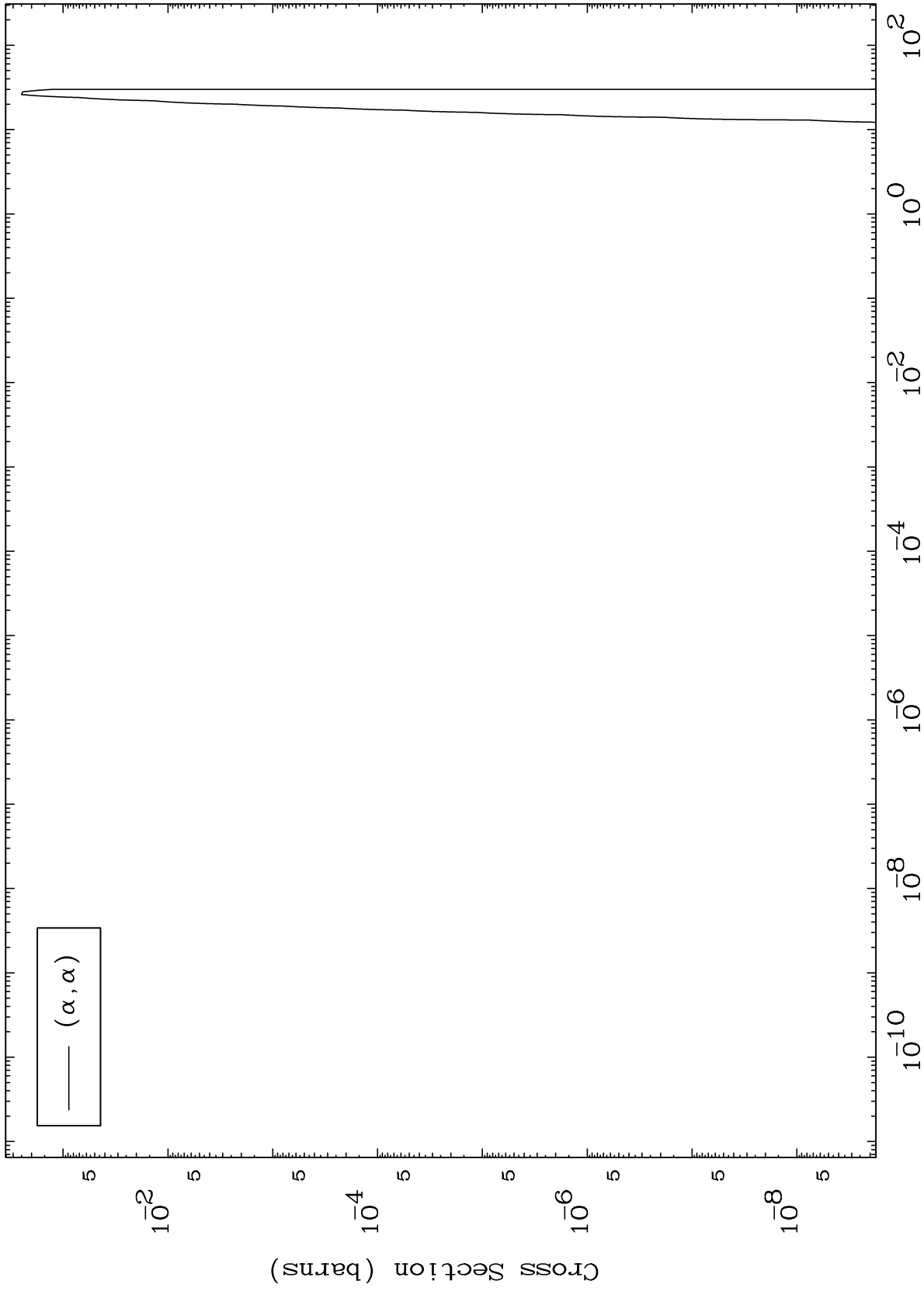
58-Ce-137



MAT 5829

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

58-Ce-137



10

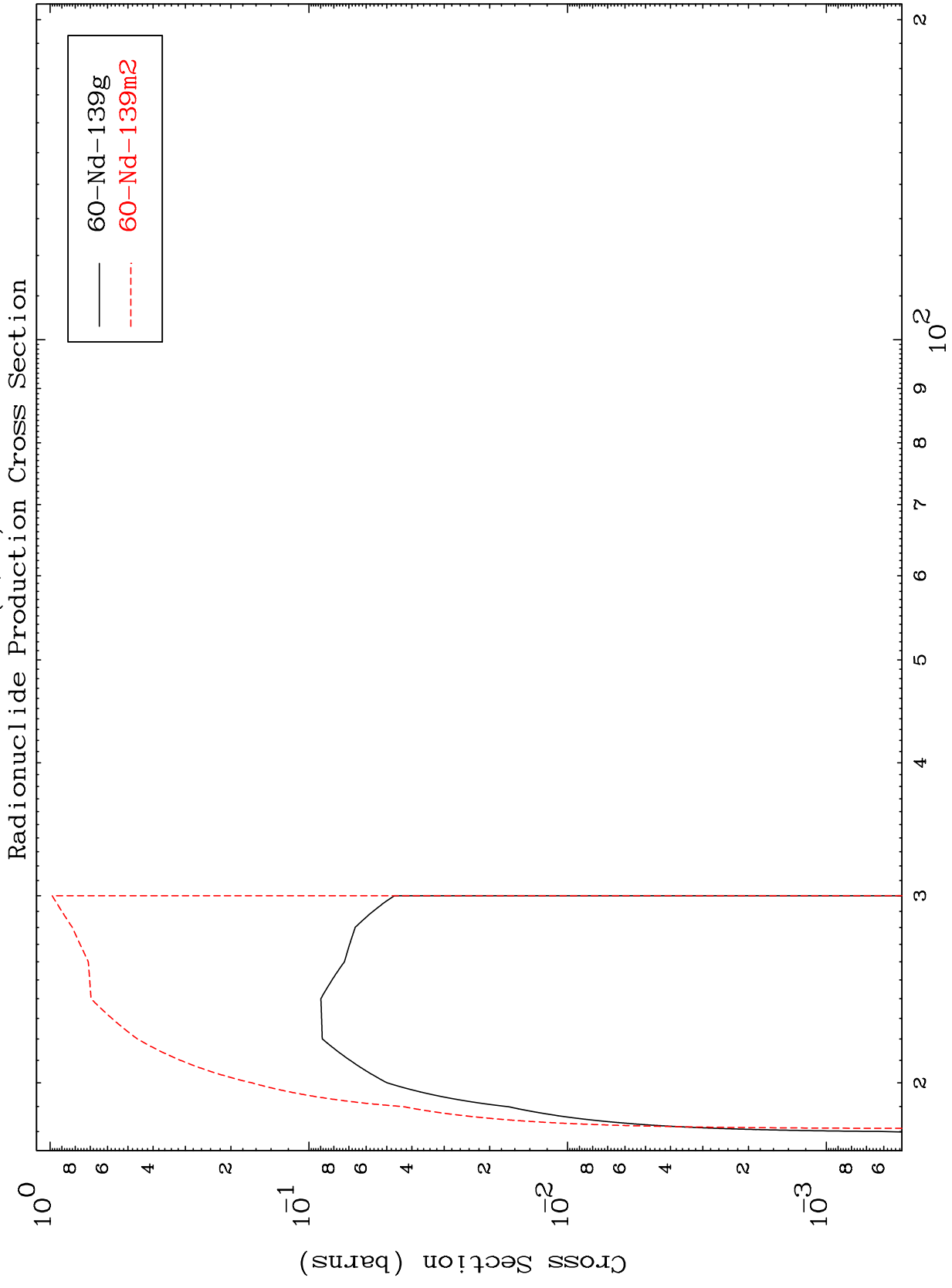
Incident Energy (MeV)

58-Ce-137

MAT 5829

( $\alpha, 2n$ )

58-Ce-137



11

Incident Energy (MeV)

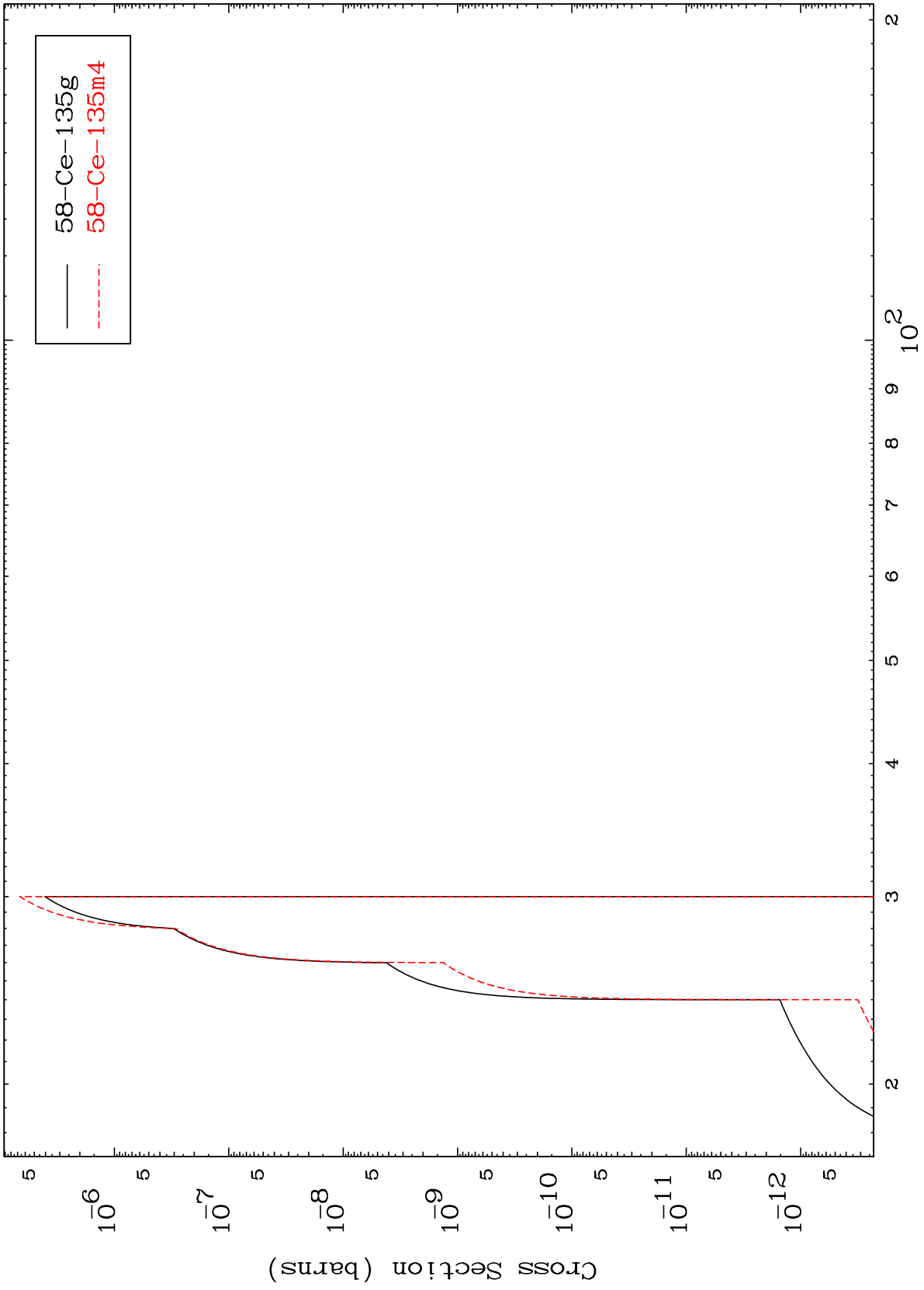
58-Ce-137

MAT 5829

$(\alpha, 2n) \alpha$

58-Ce-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

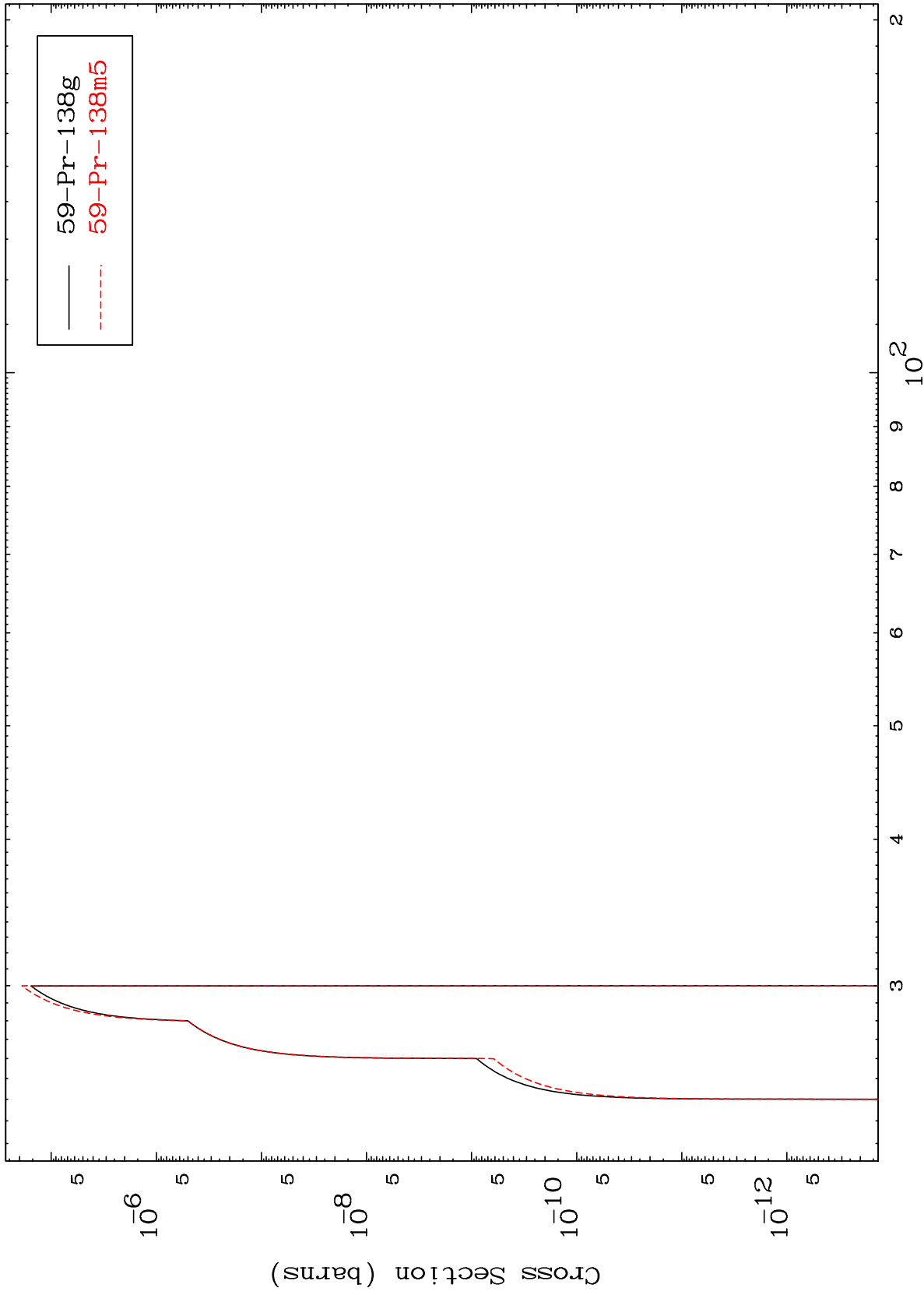
58-Ce-137

MAT 5829

( $\alpha, n'$ ) d

58-Ce-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

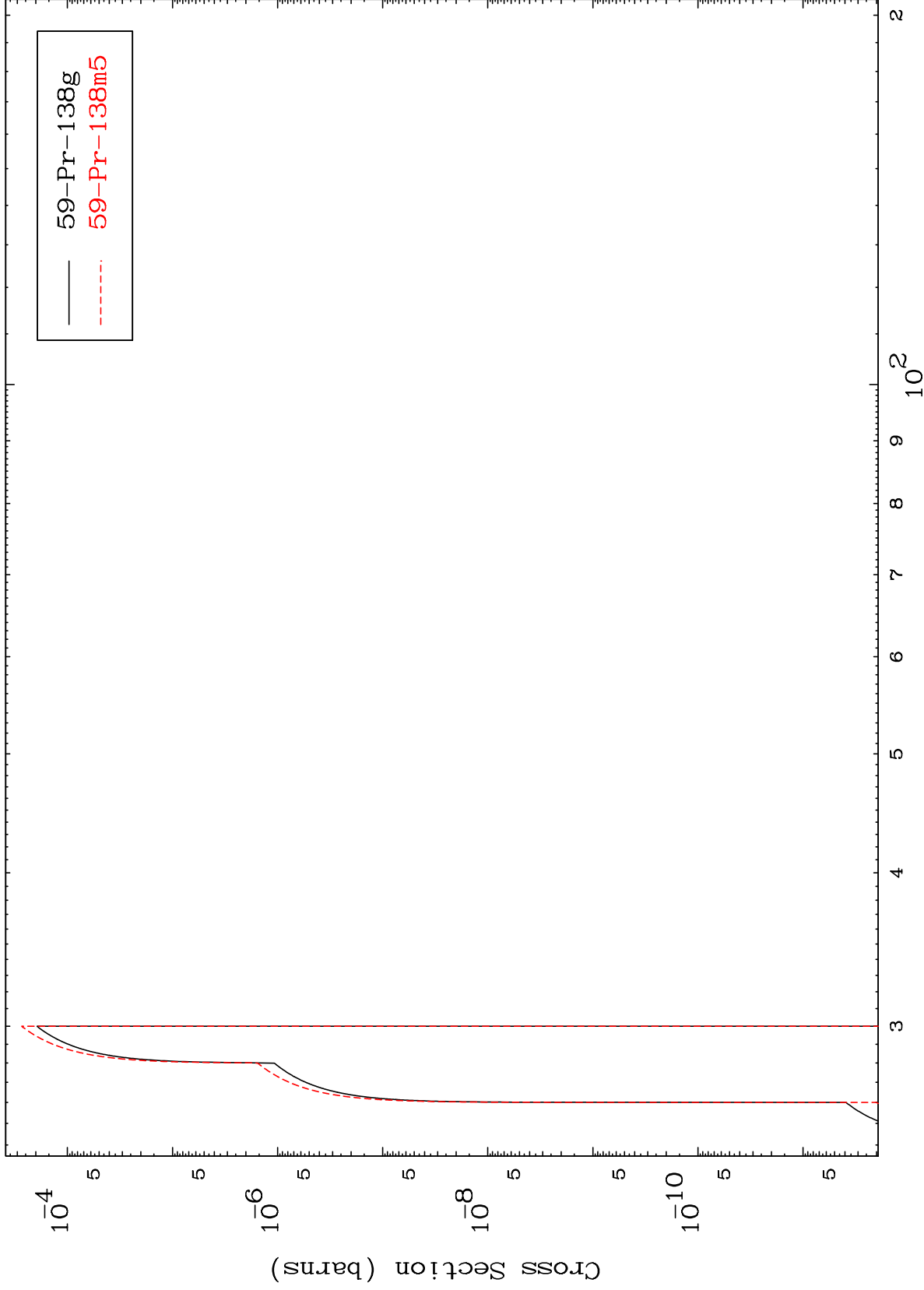
58-Ce-137

MAT 5829

( $\alpha, 2n$ ) p

58-Ce-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

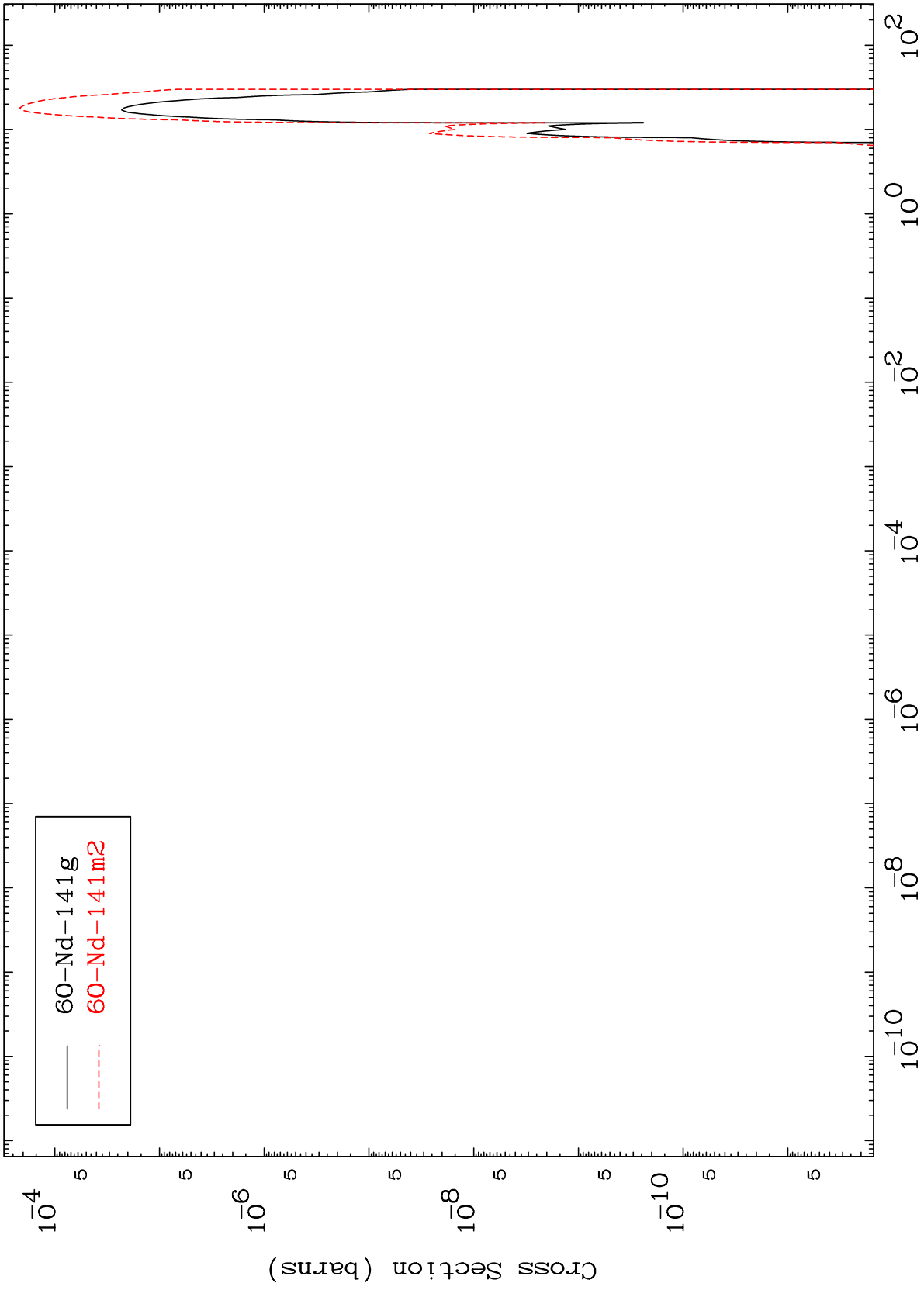
58-Ce-137

MAT 5829

( $\alpha, \gamma$ )

58-Ce-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

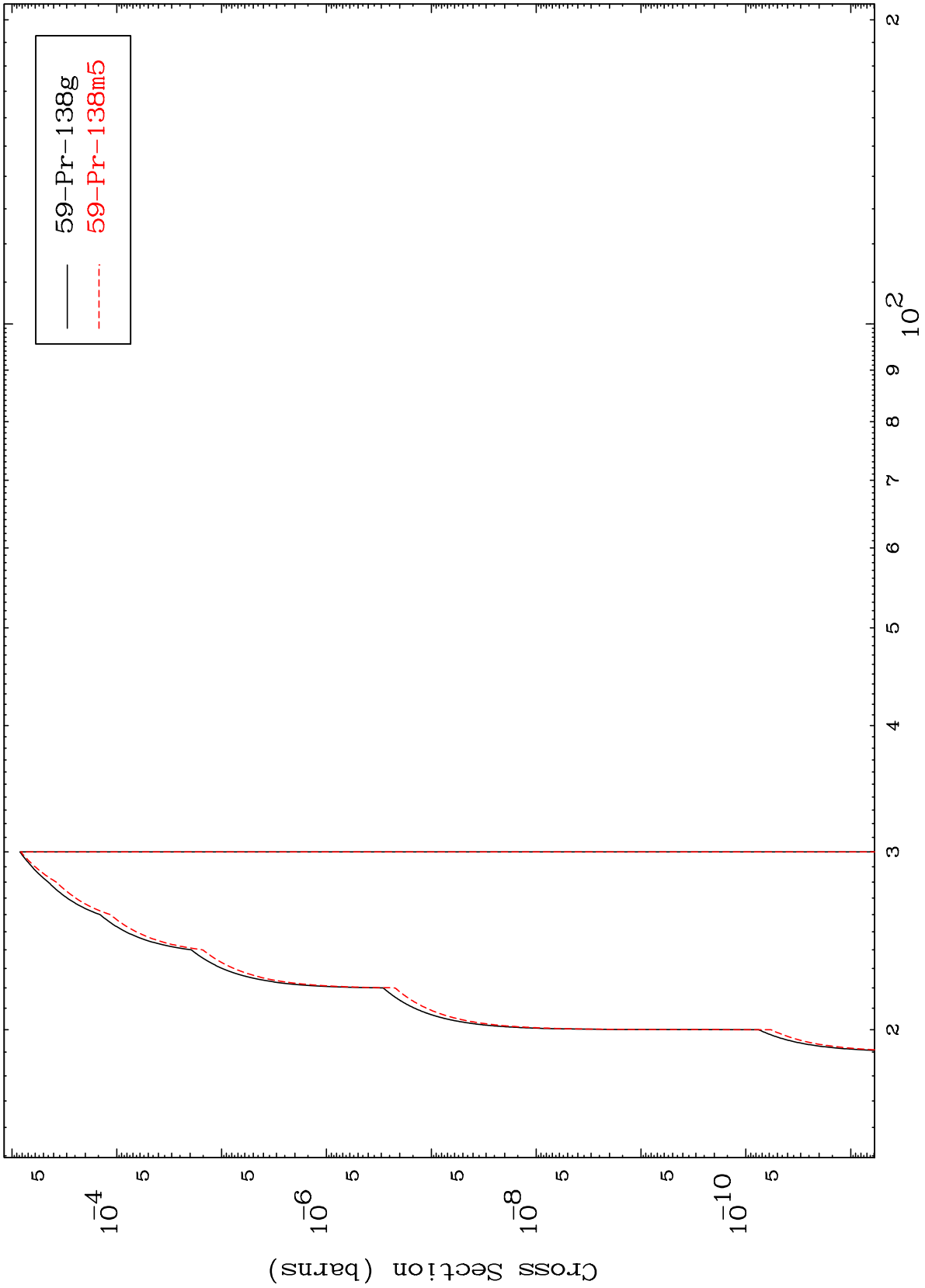
58-Ce-137



MAT 5829

58-Ce-137

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



16

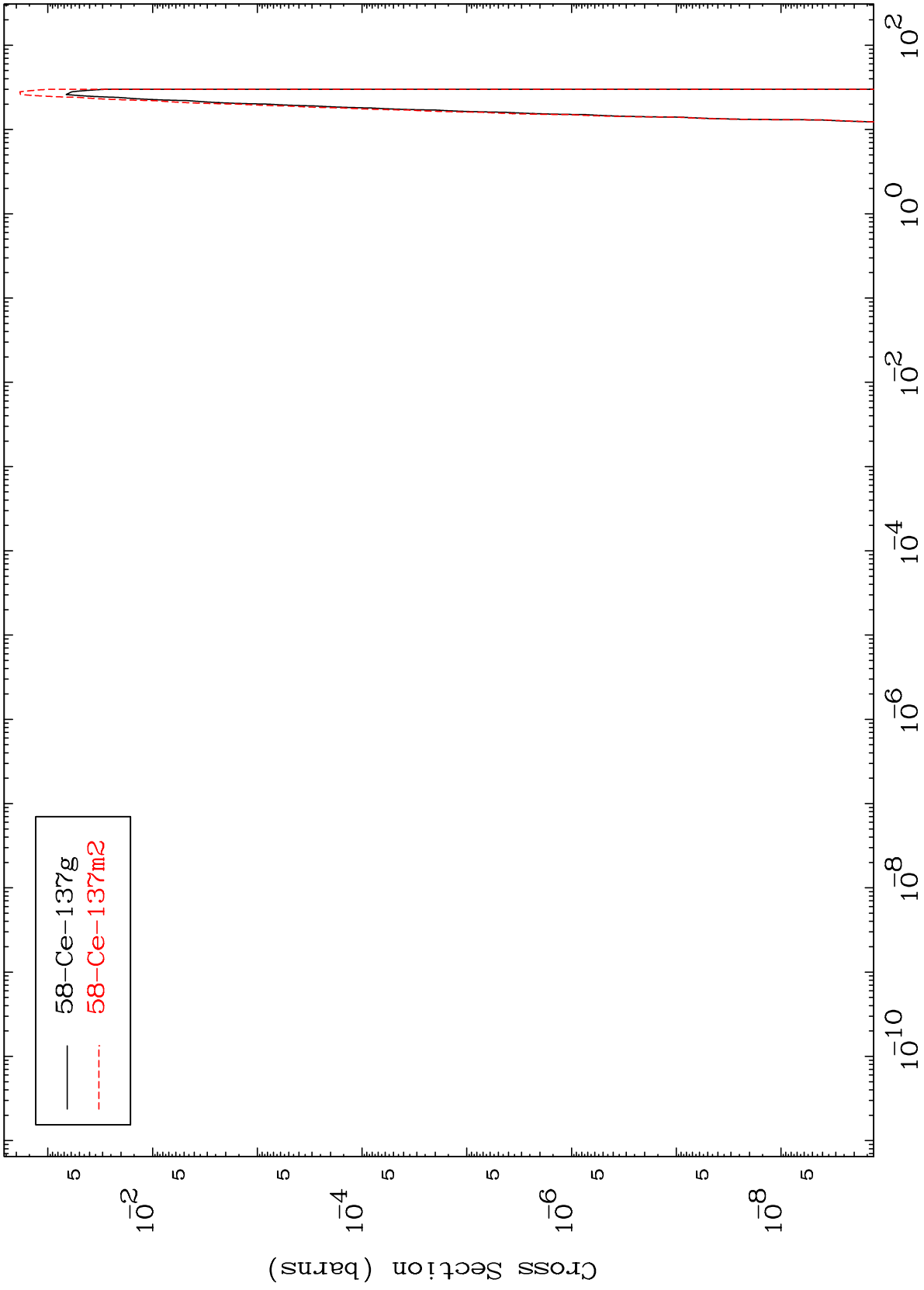
58-Ce-137

MAT 5829

( $\alpha, \alpha$ )

58-Ce-137

Radionuclide Production Cross Section

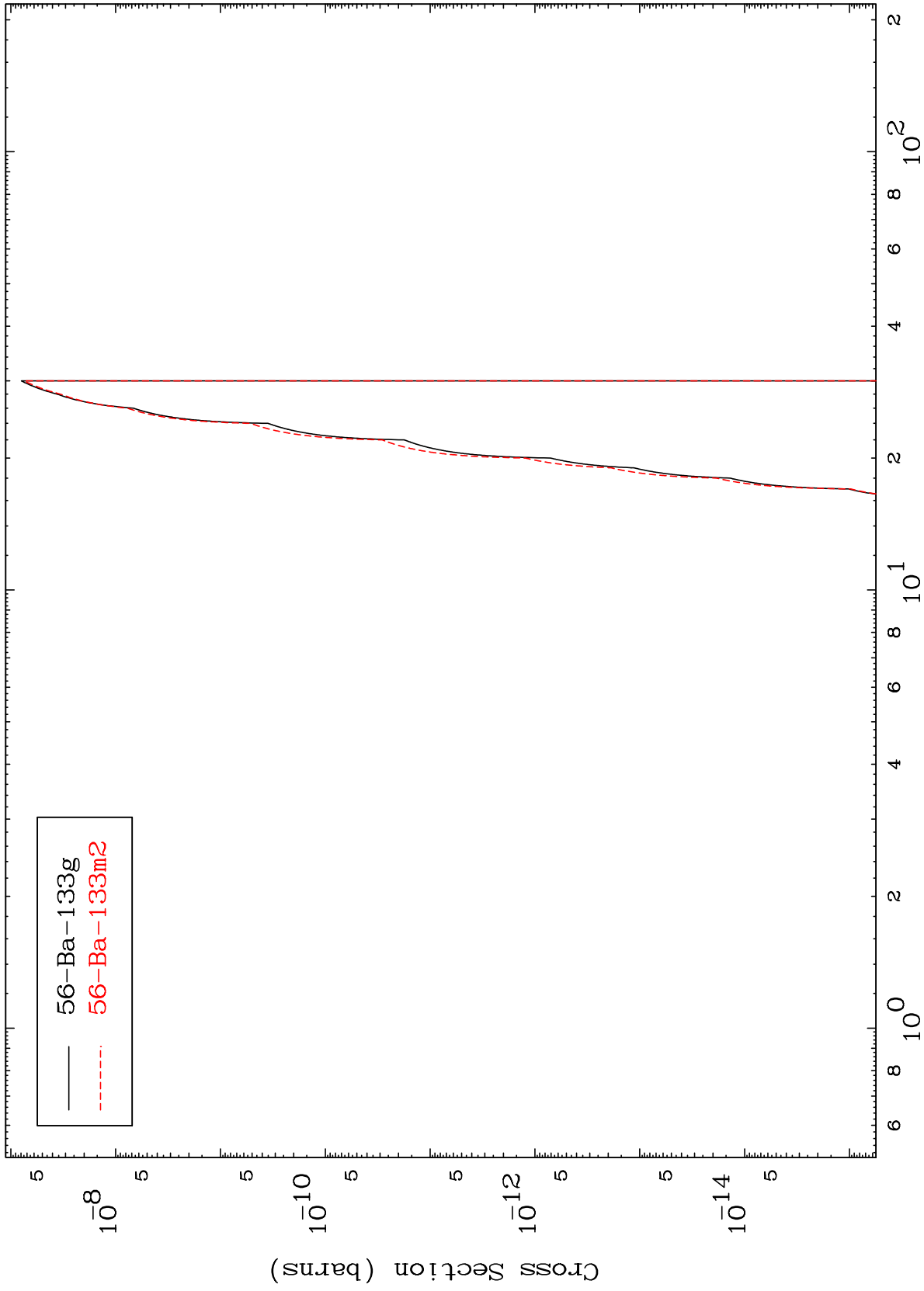


MAT 5829

( $\alpha, 2\alpha$ )

58-Ce-137

Radionuclide Production Cross Section



18

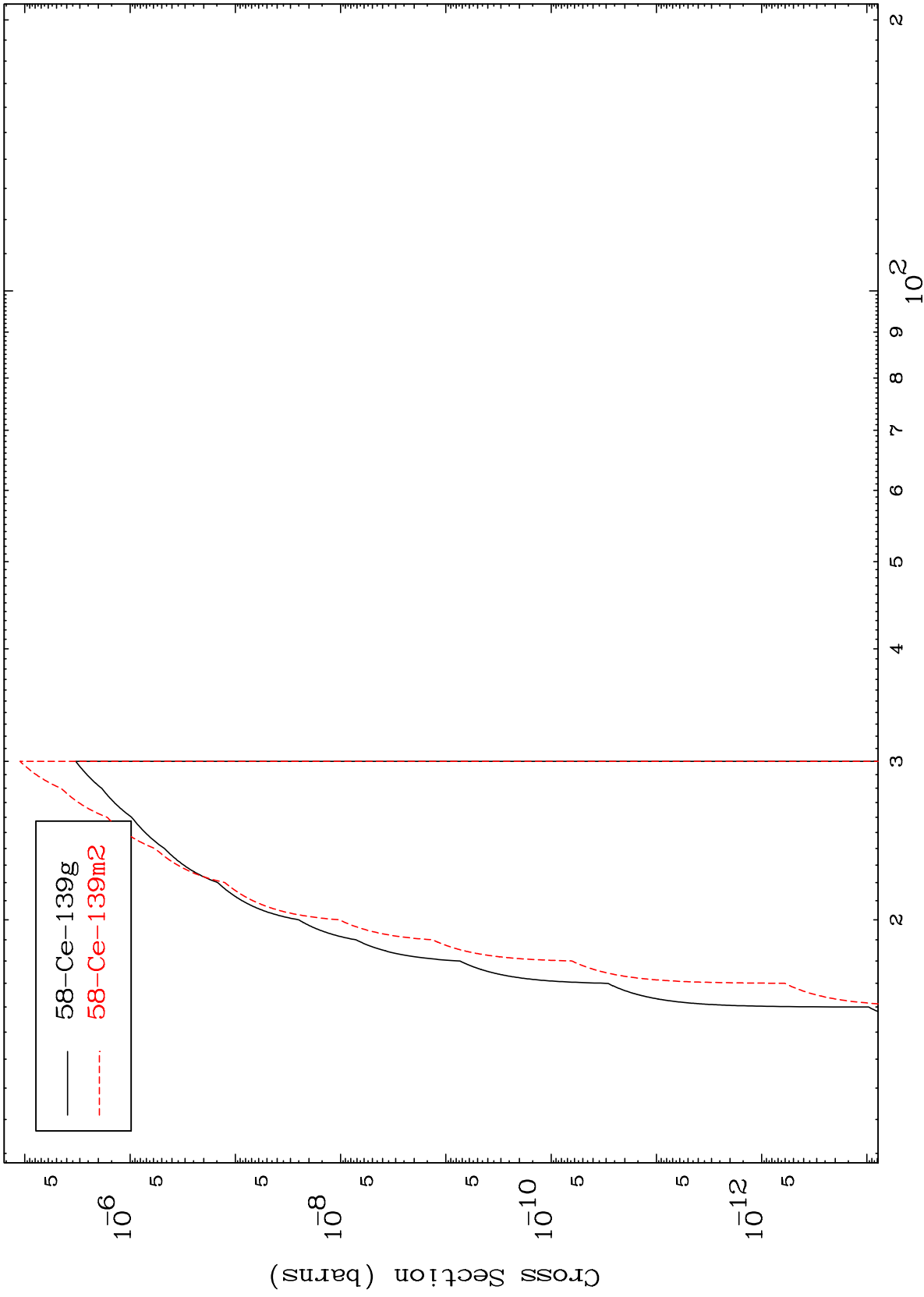
Incident Energy (MeV)

58-Ce-137

MAT 5829

58-Ce-137

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

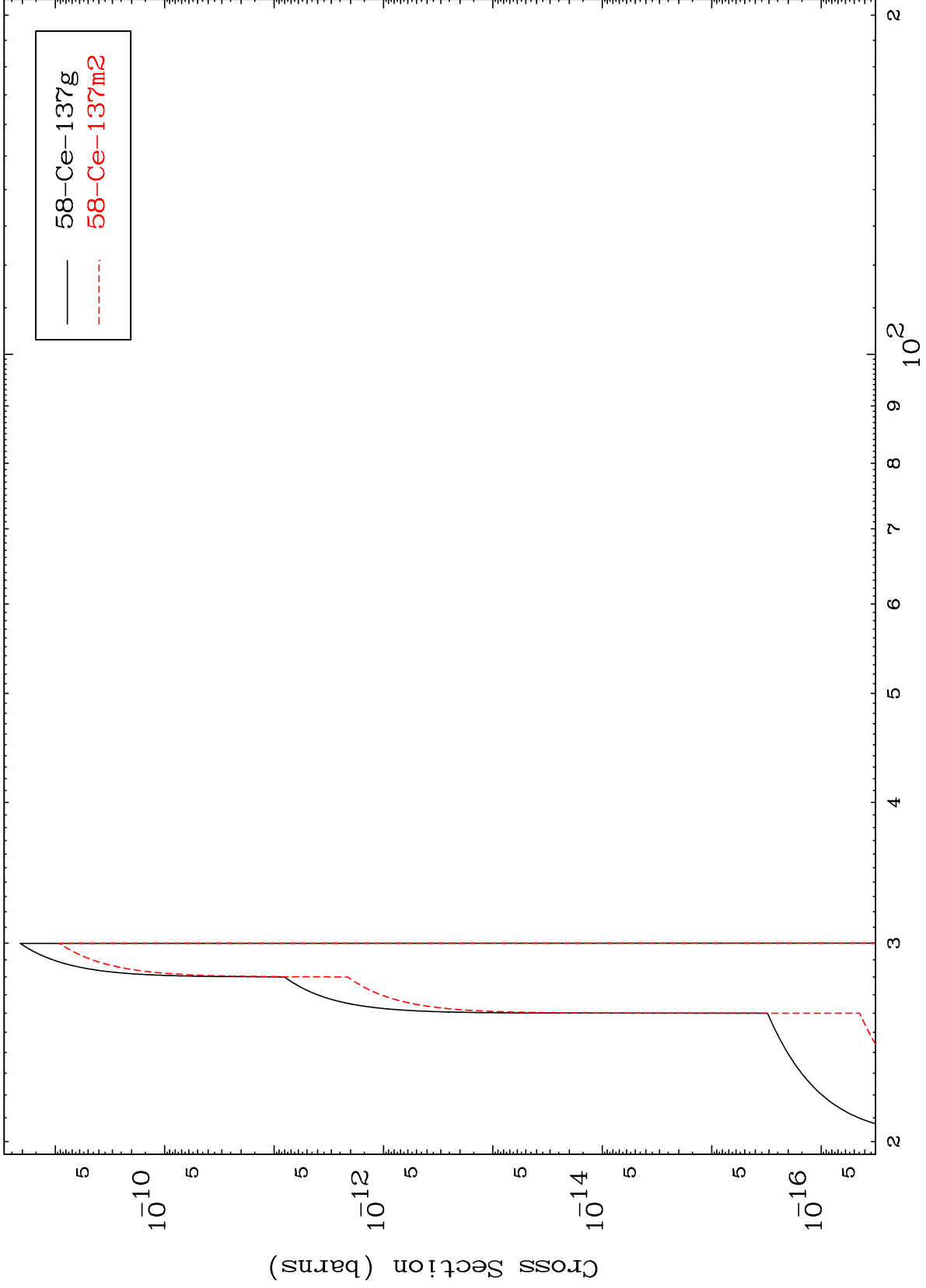
58-Ce-137

MAT 5829

( $\alpha, p$ ) t

58-Ce-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-137