

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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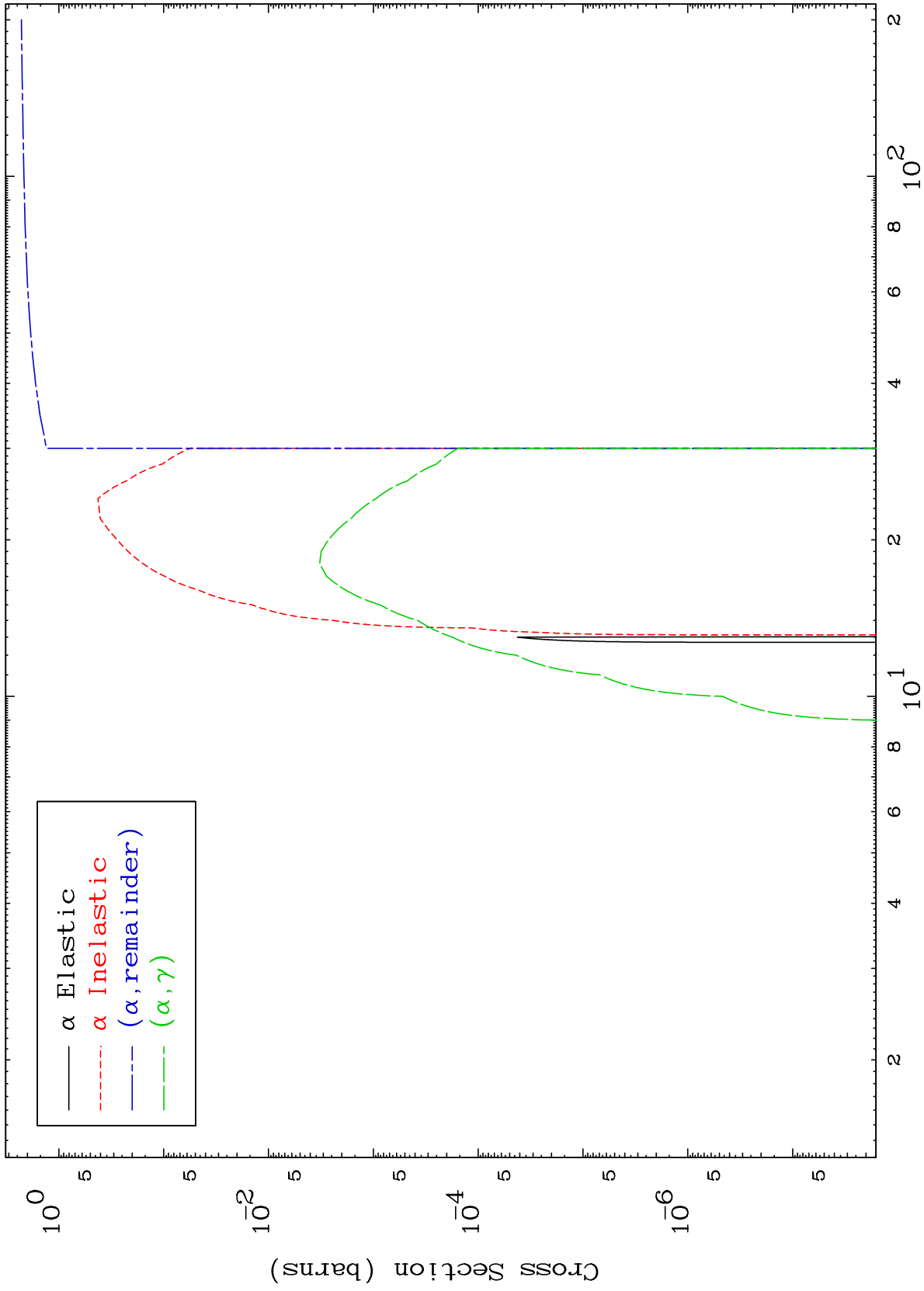
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5807

0 Kelvin  $\alpha$  Major

58-Ce-130

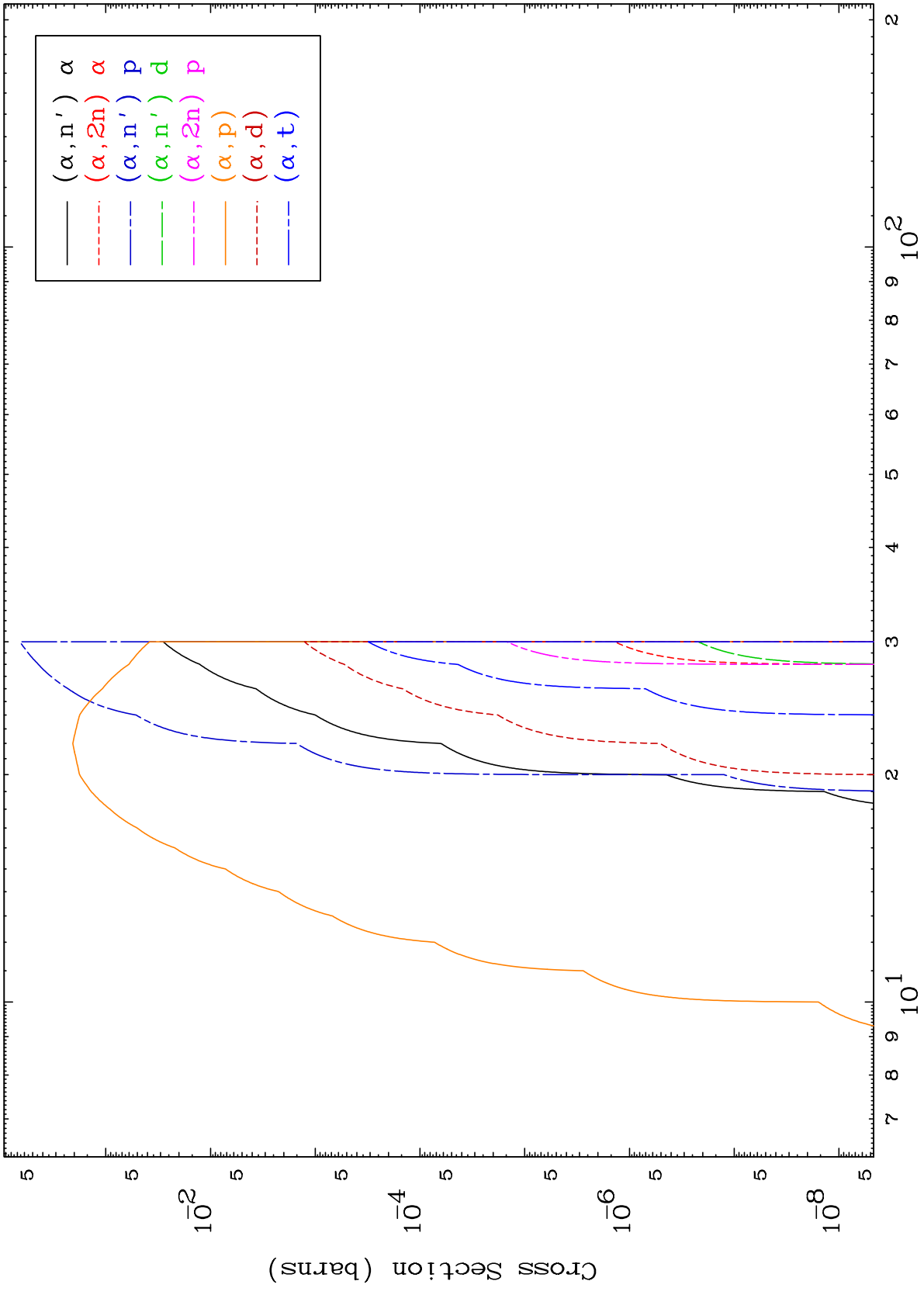




MAT 5807

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

58-Ce-130



3

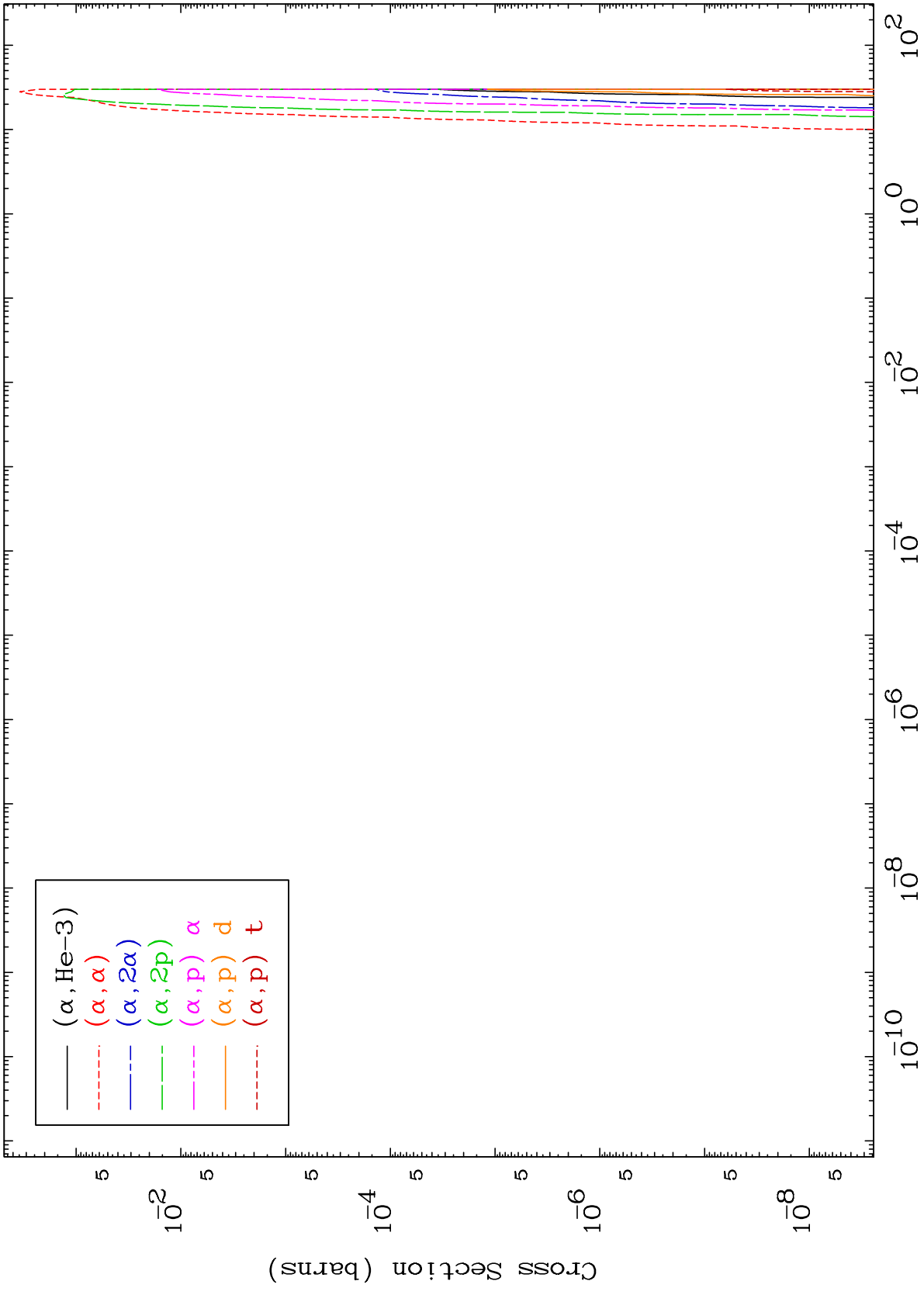
Incident Energy (MeV)

58-Ce-130

MAT 5807

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

58-Ce-130

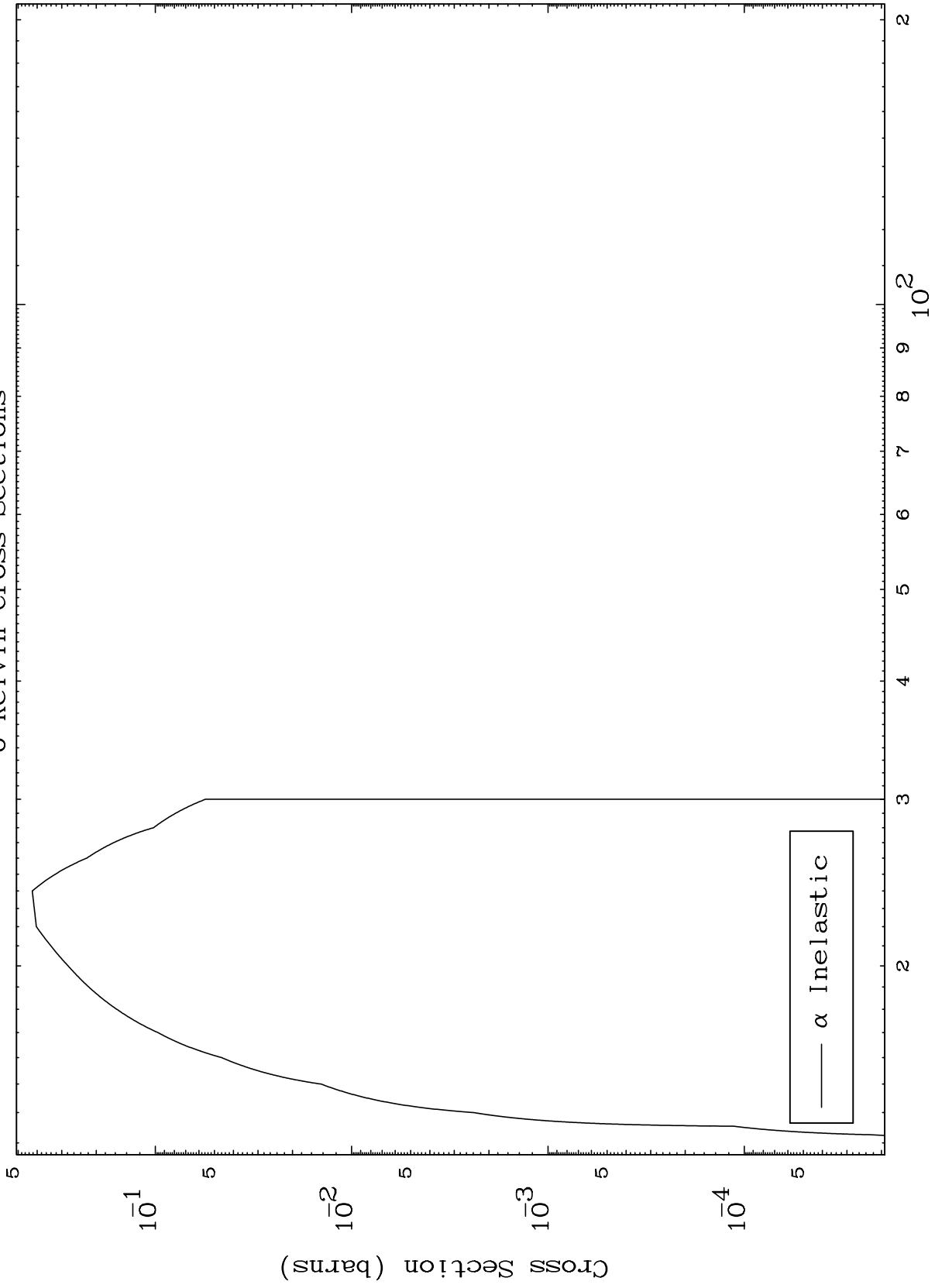


58-Ce-130

MAT 5807

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

58-Ce-130



5

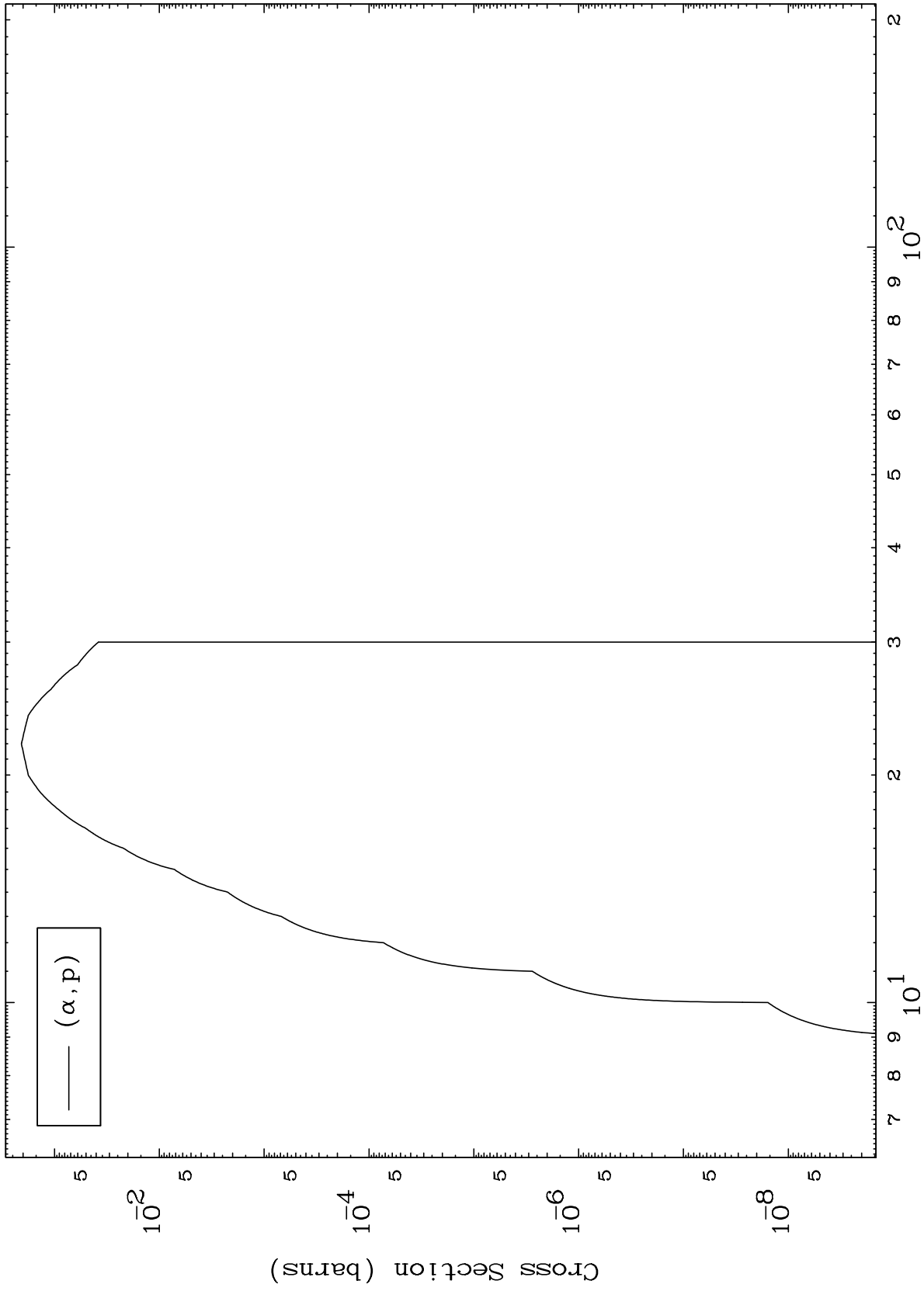
Incident Energy (MeV)

58-Ce-130

MAT 5807

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

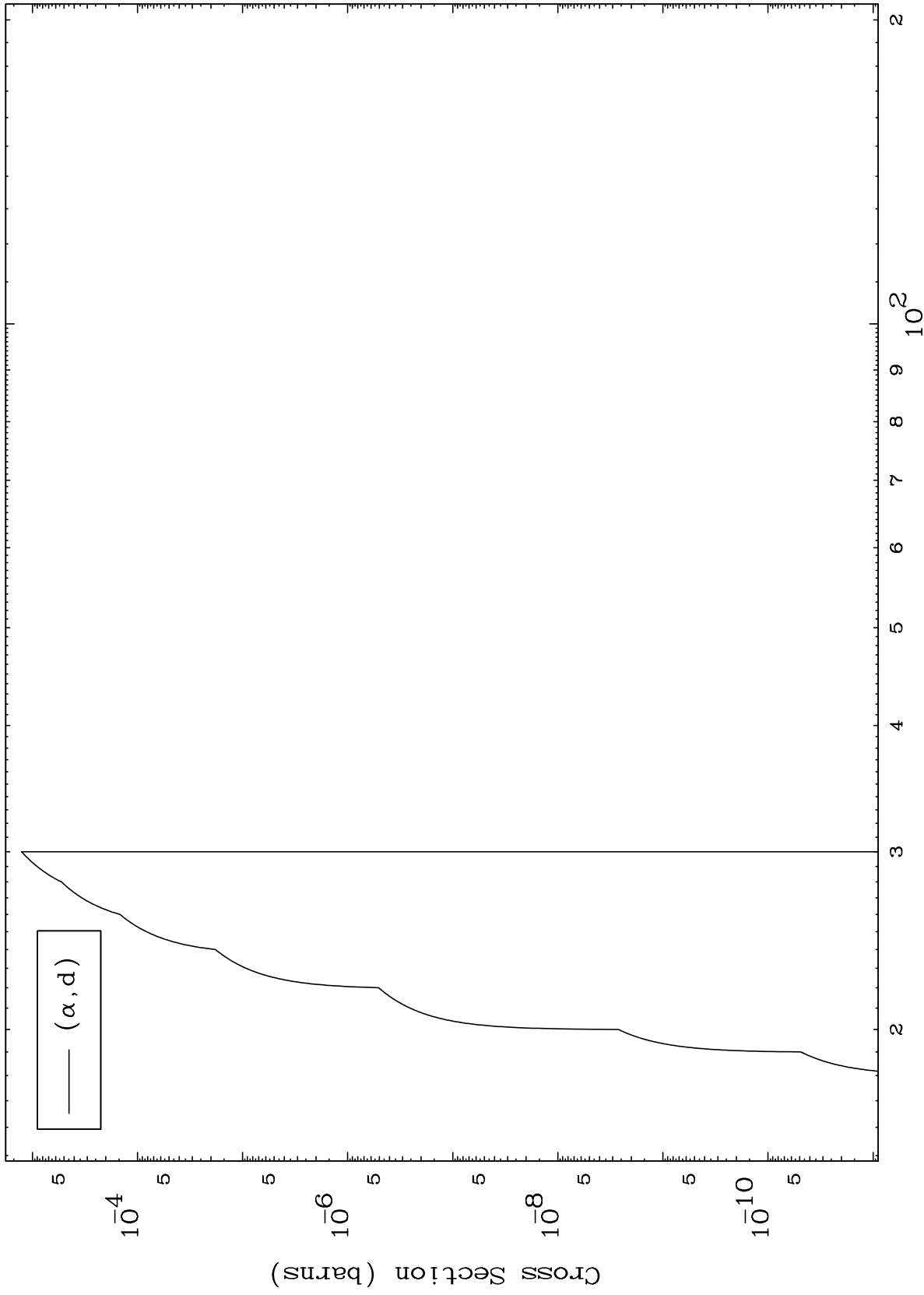
58-Ce-130



MAT 5807

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

58-Ce-130



7

Incident Energy (MeV)

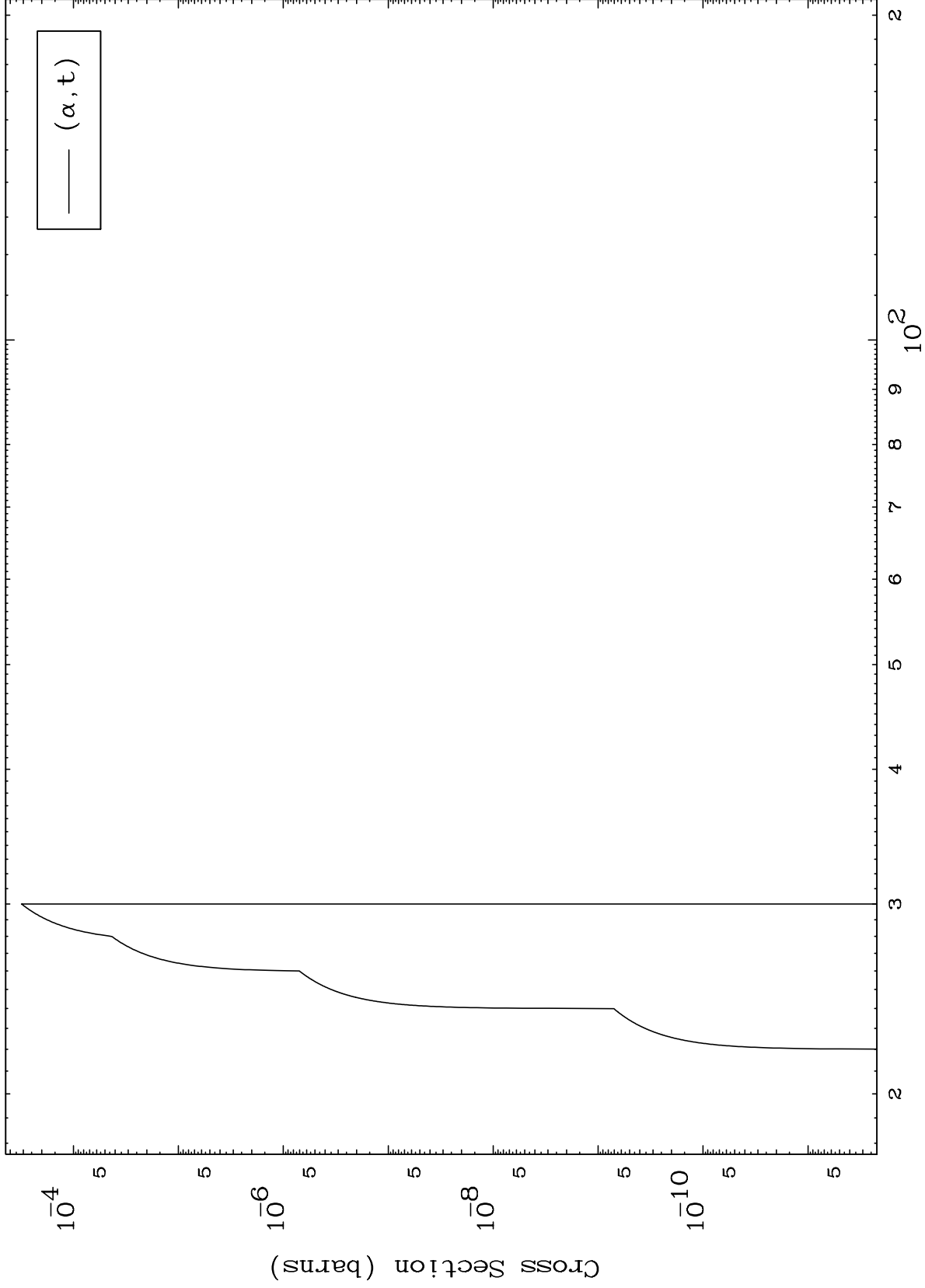
58-Ce-130



MAT 5807

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

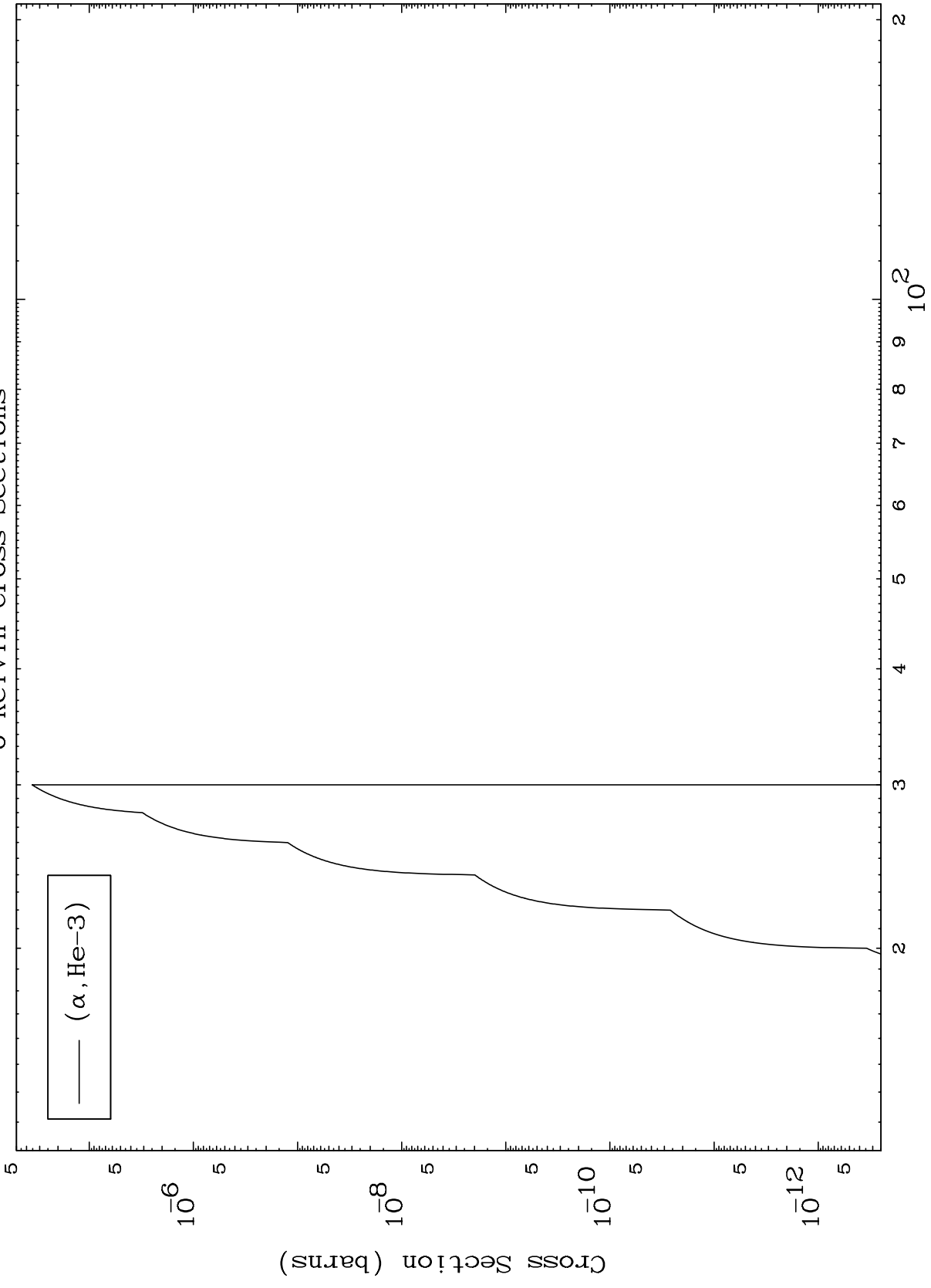
58-Ce-130



8

Incident Energy (MeV)

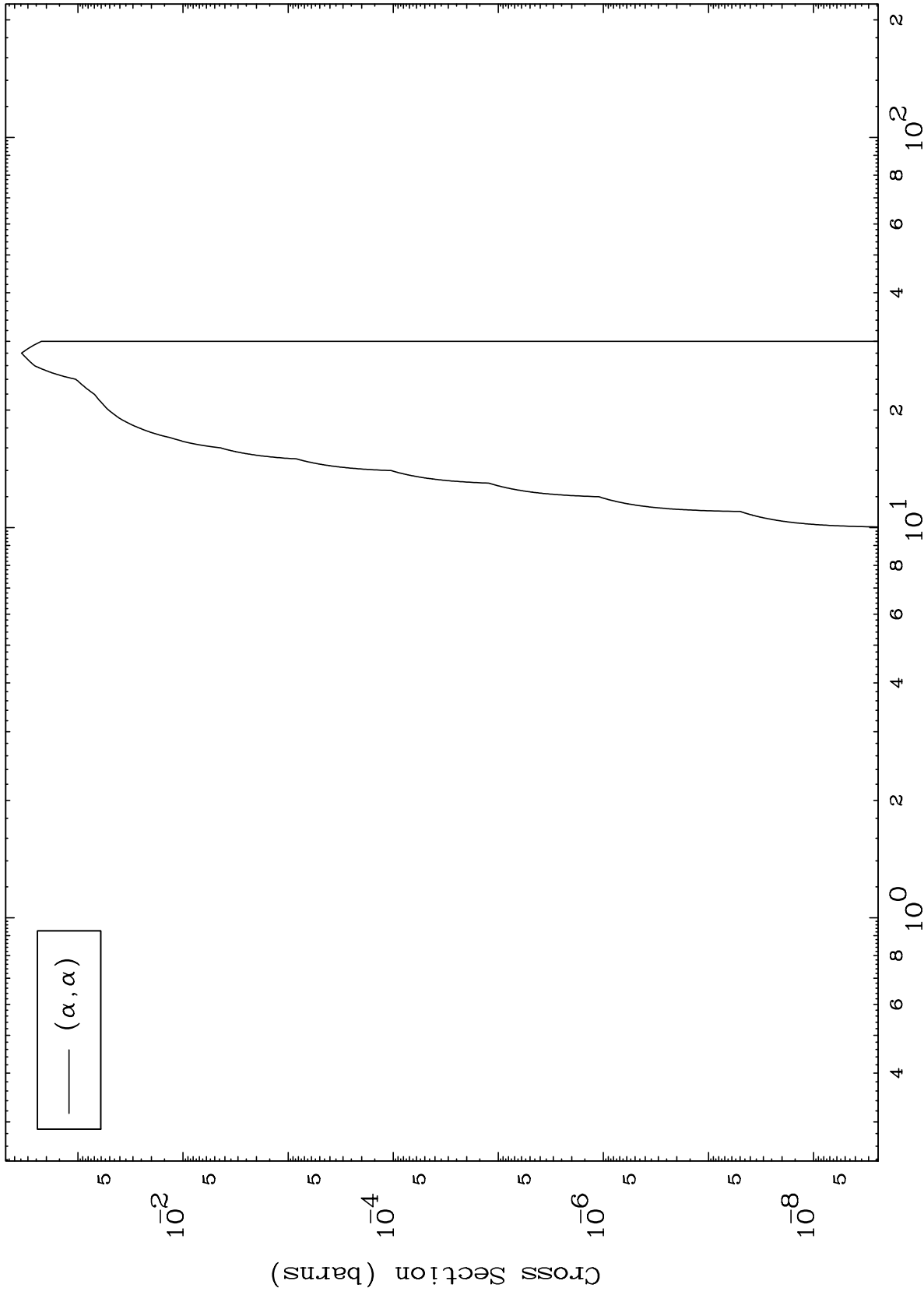
58-Ce-130



MAT 5807

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

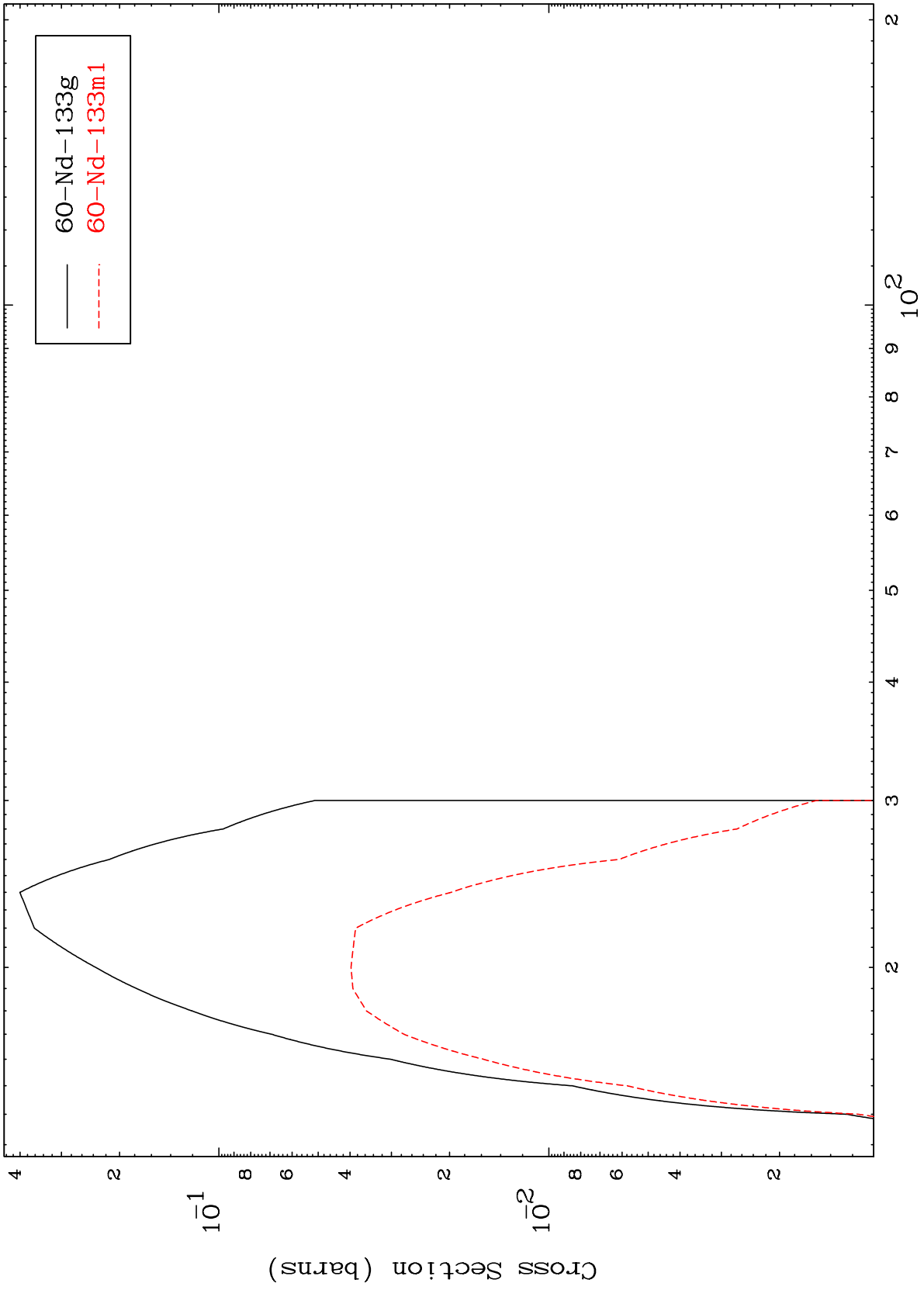
58-Ce-130



10

Incident Energy (MeV)

58-Ce-130

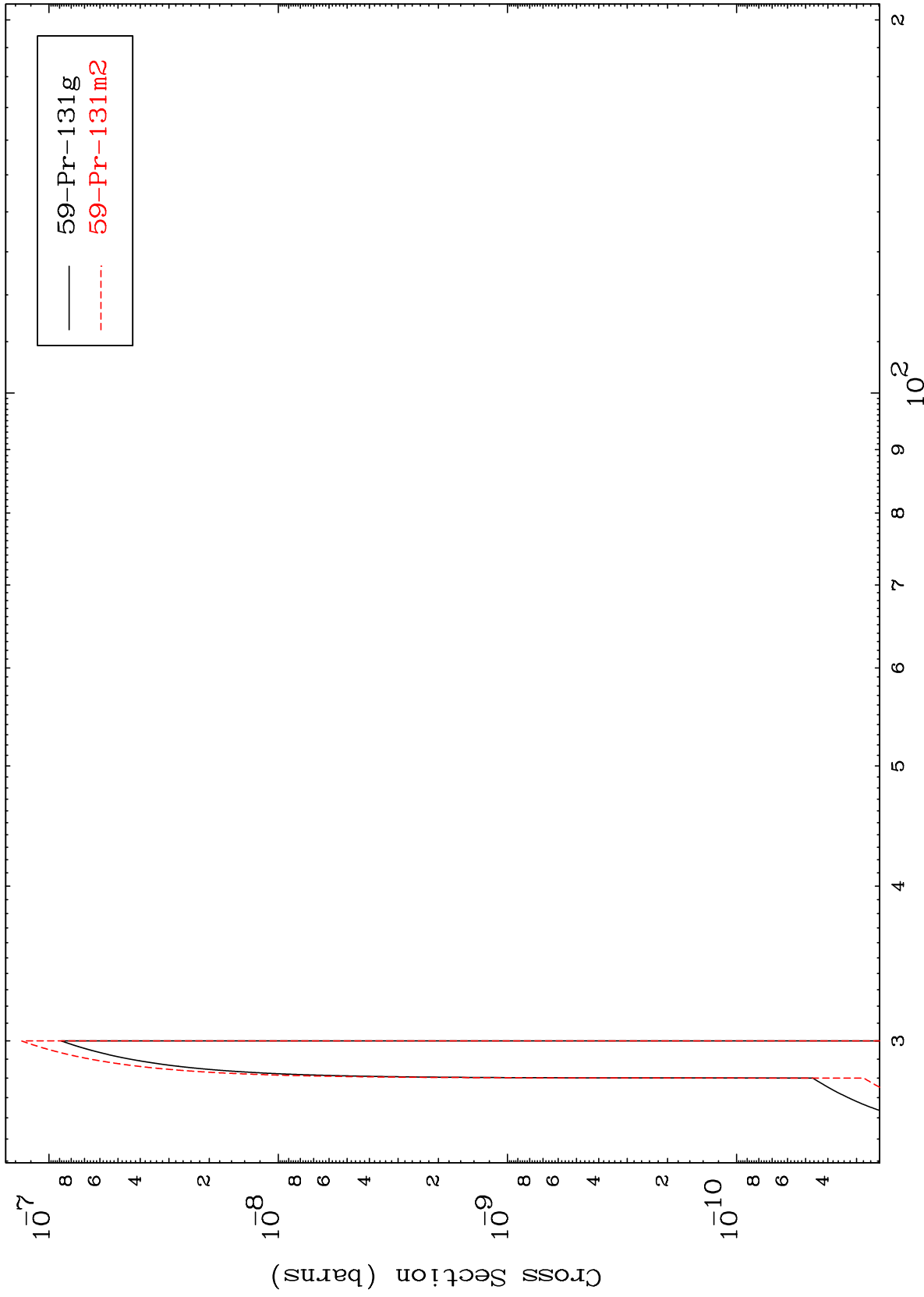


MAT 5807

( $\alpha, n'$ ) d

58-Ce-130

Radionuclide Production Cross Section



12

Incident Energy (MeV)

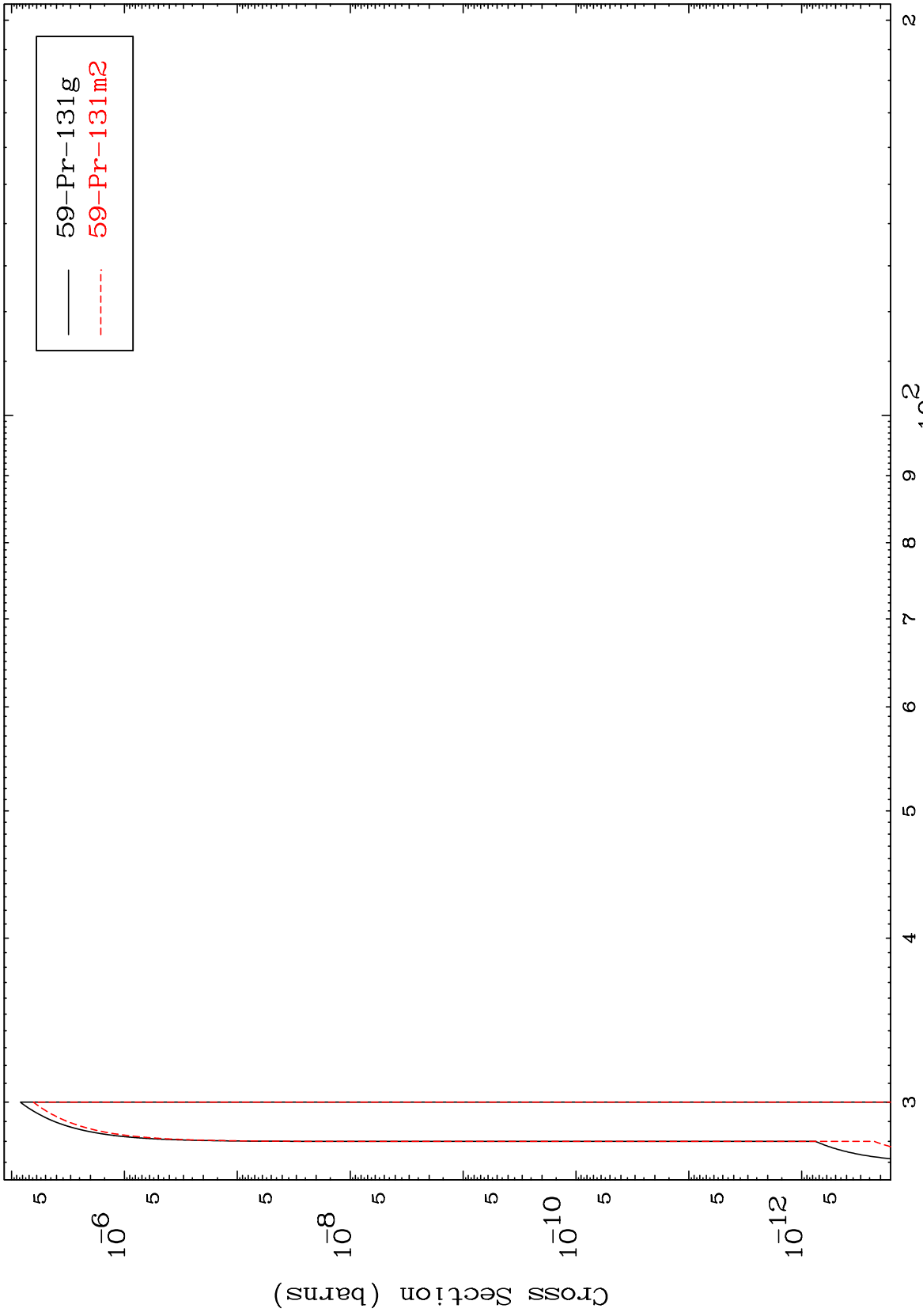
58-Ce-130

MAT 5807

( $\alpha, 2n$ ) p

58-Ce-130

Radionuclide Production Cross Section



13

Incident Energy (MeV)

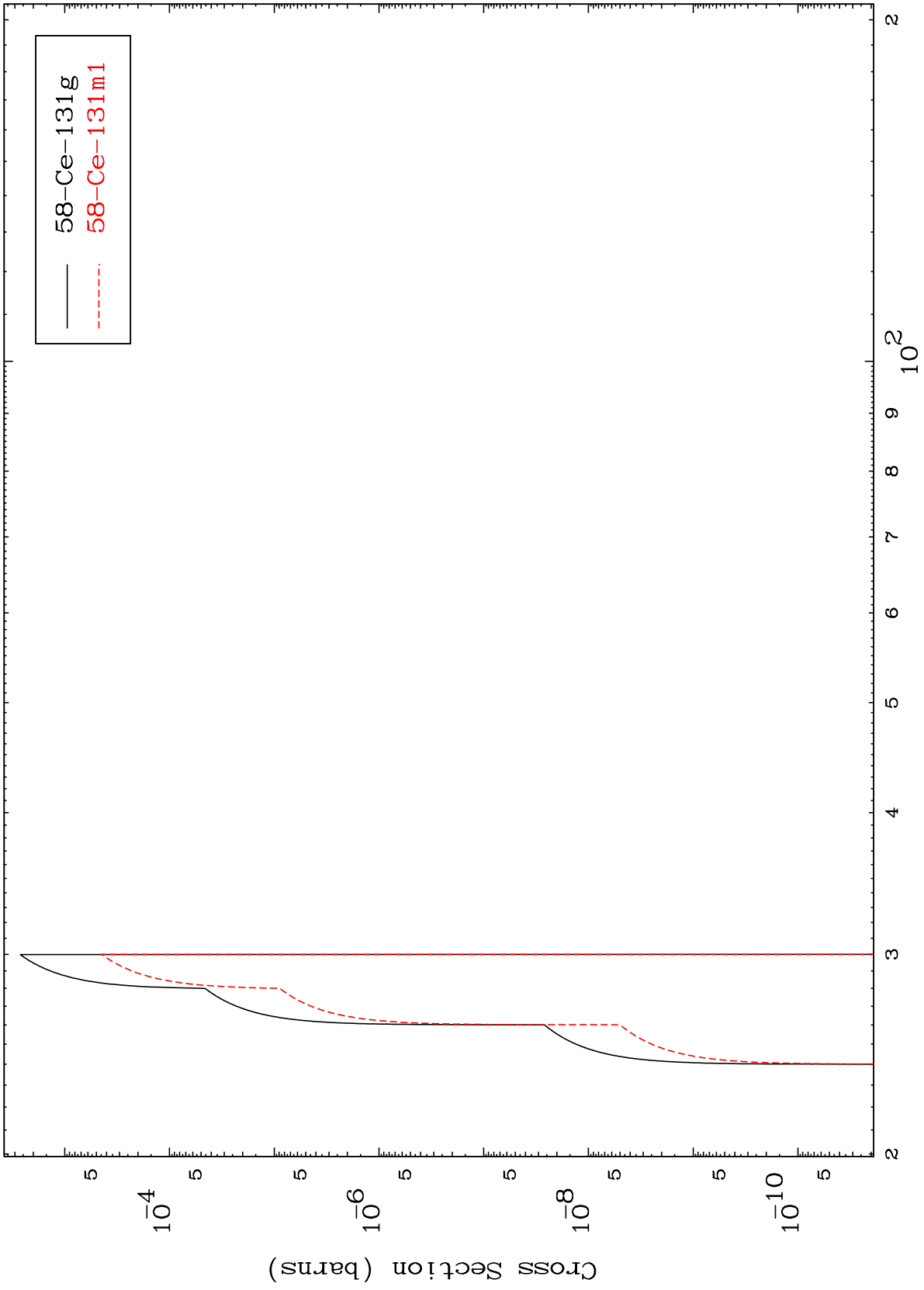
58-Ce-130

MAT 5807

( $\alpha, 2n$ ) p

58-Ce-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

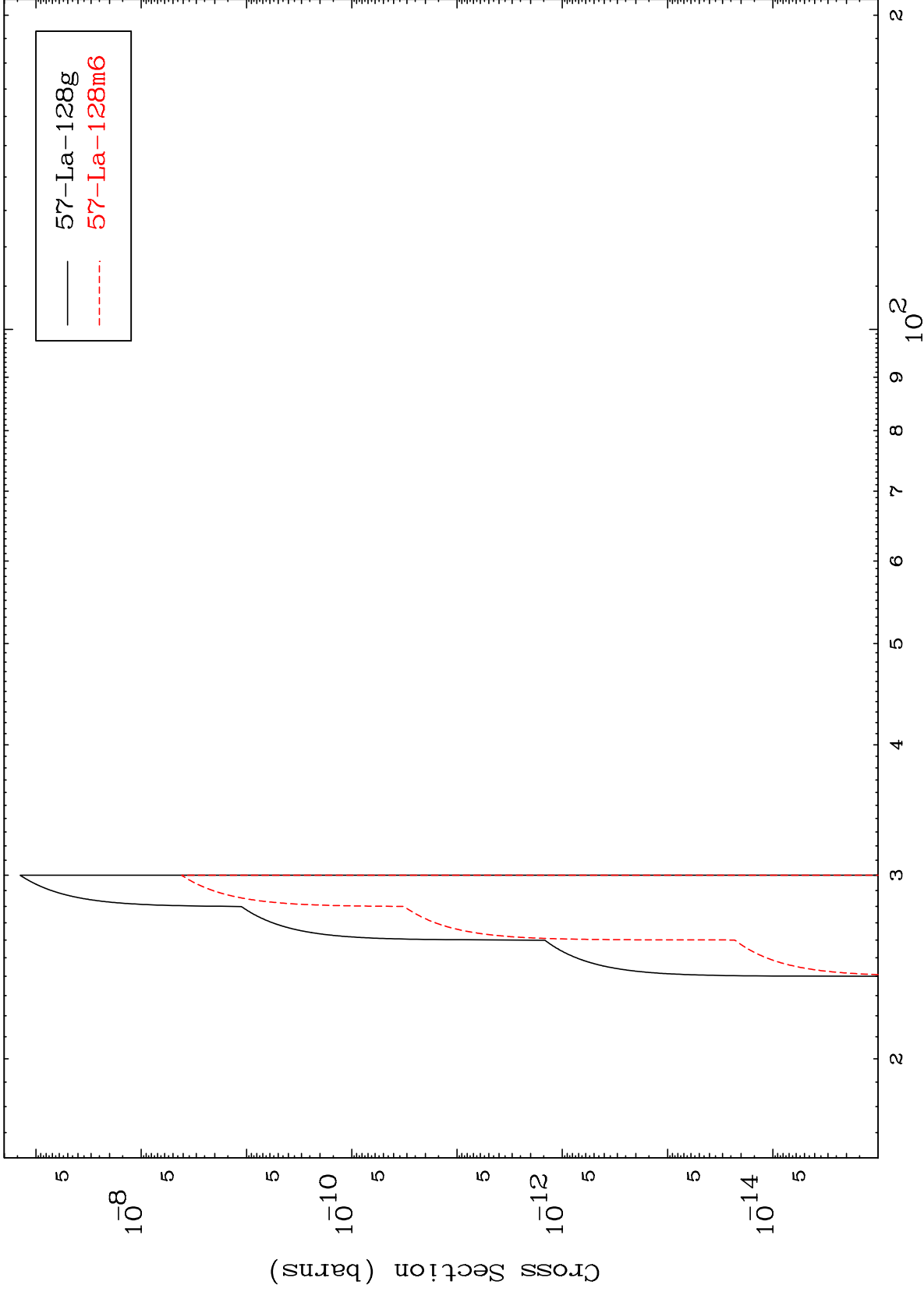
58-Ce-130

MAT 5807

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

58-Ce-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

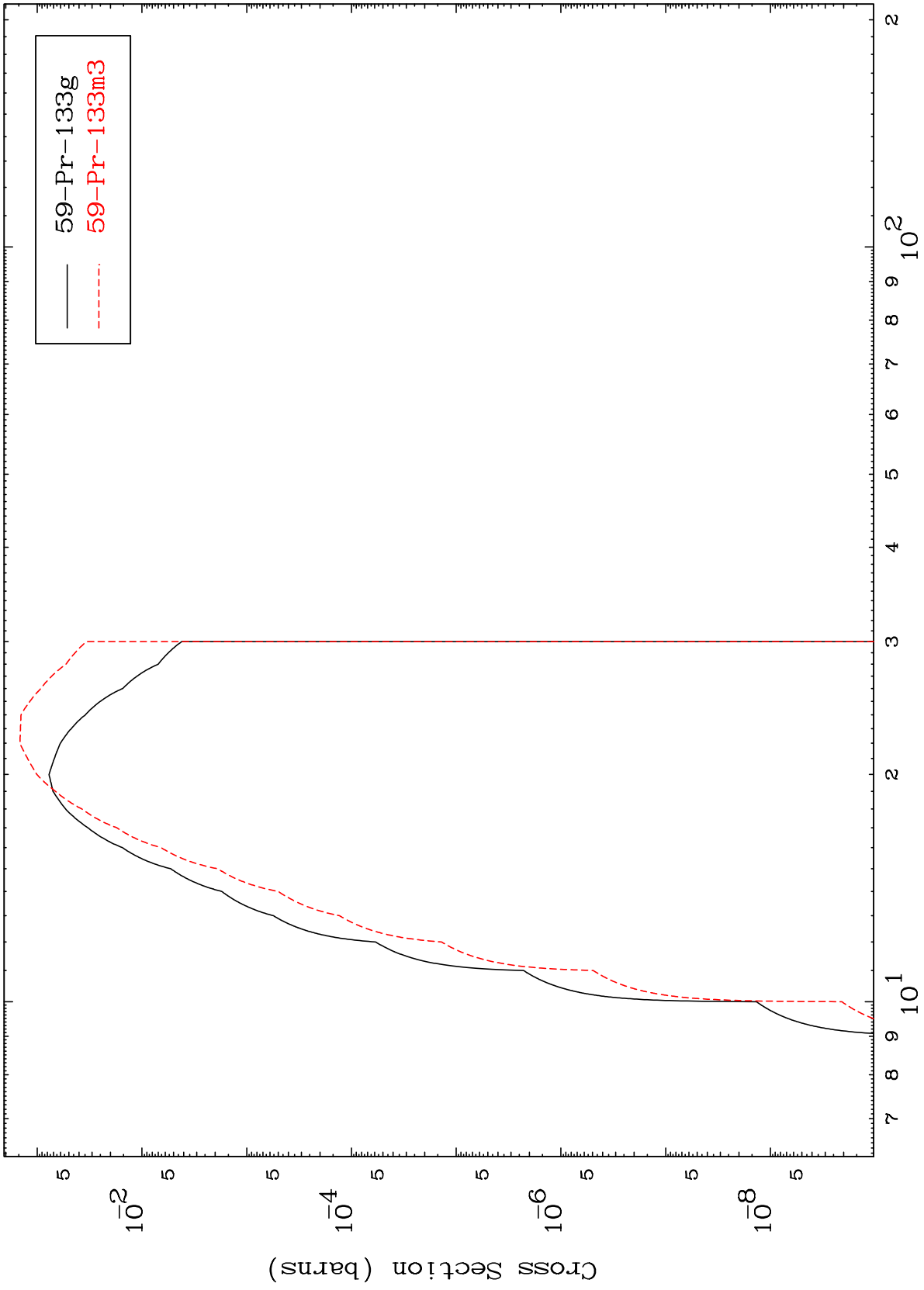
58-Ce-130



MAT 5807

58-Ce-130

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



16

Incident Energy (MeV)

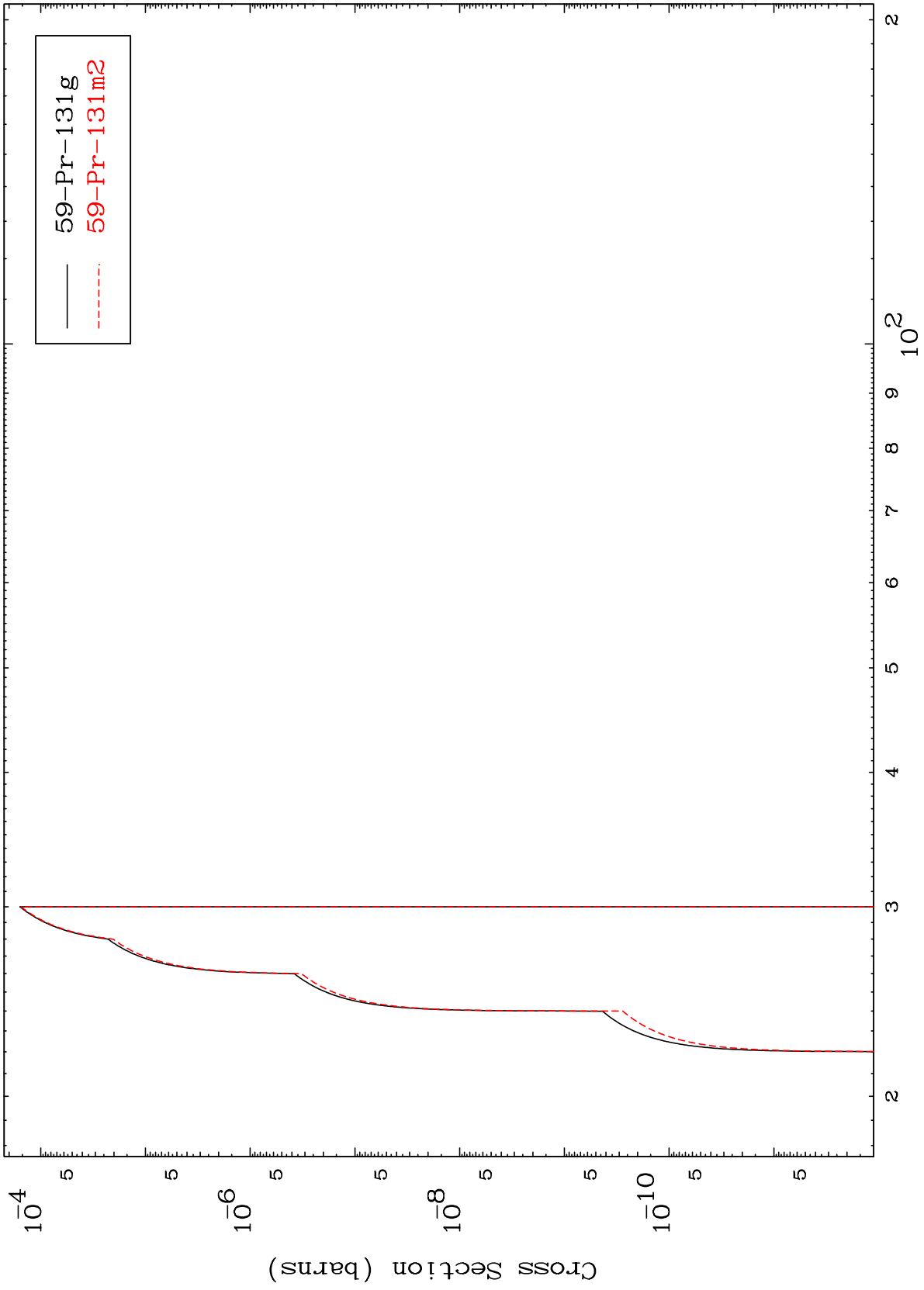
58-Ce-130

MAT 5807

( $\alpha, t$ )

58-Ce-130

Radionuclide Production Cross Section



17

Incident Energy (MeV)

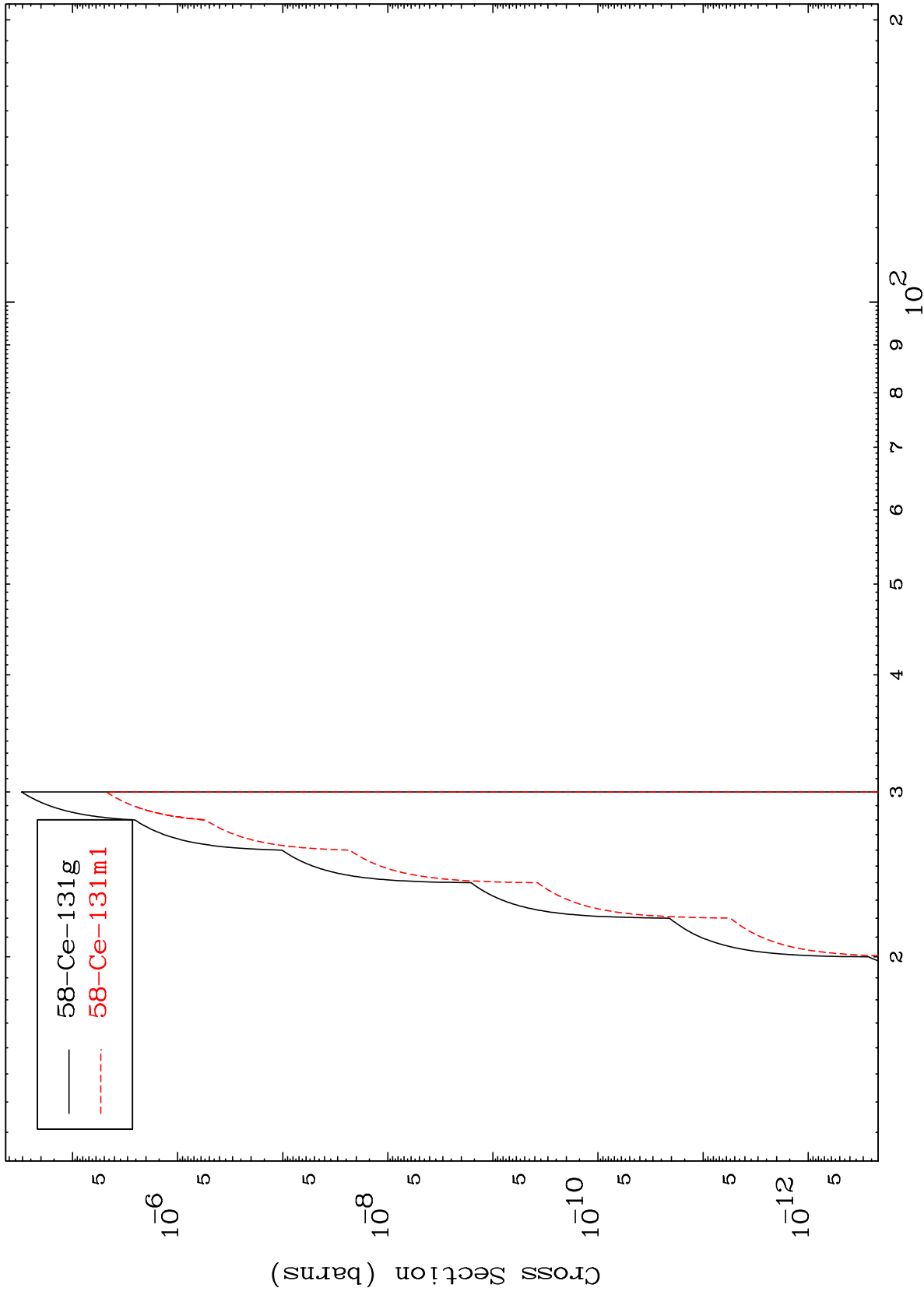
58-Ce-130

MAT 5807

( $\alpha, \text{He-3}$ )

58-Ce-130

Radionuclide Production Cross Section



18

Incident Energy (MeV)

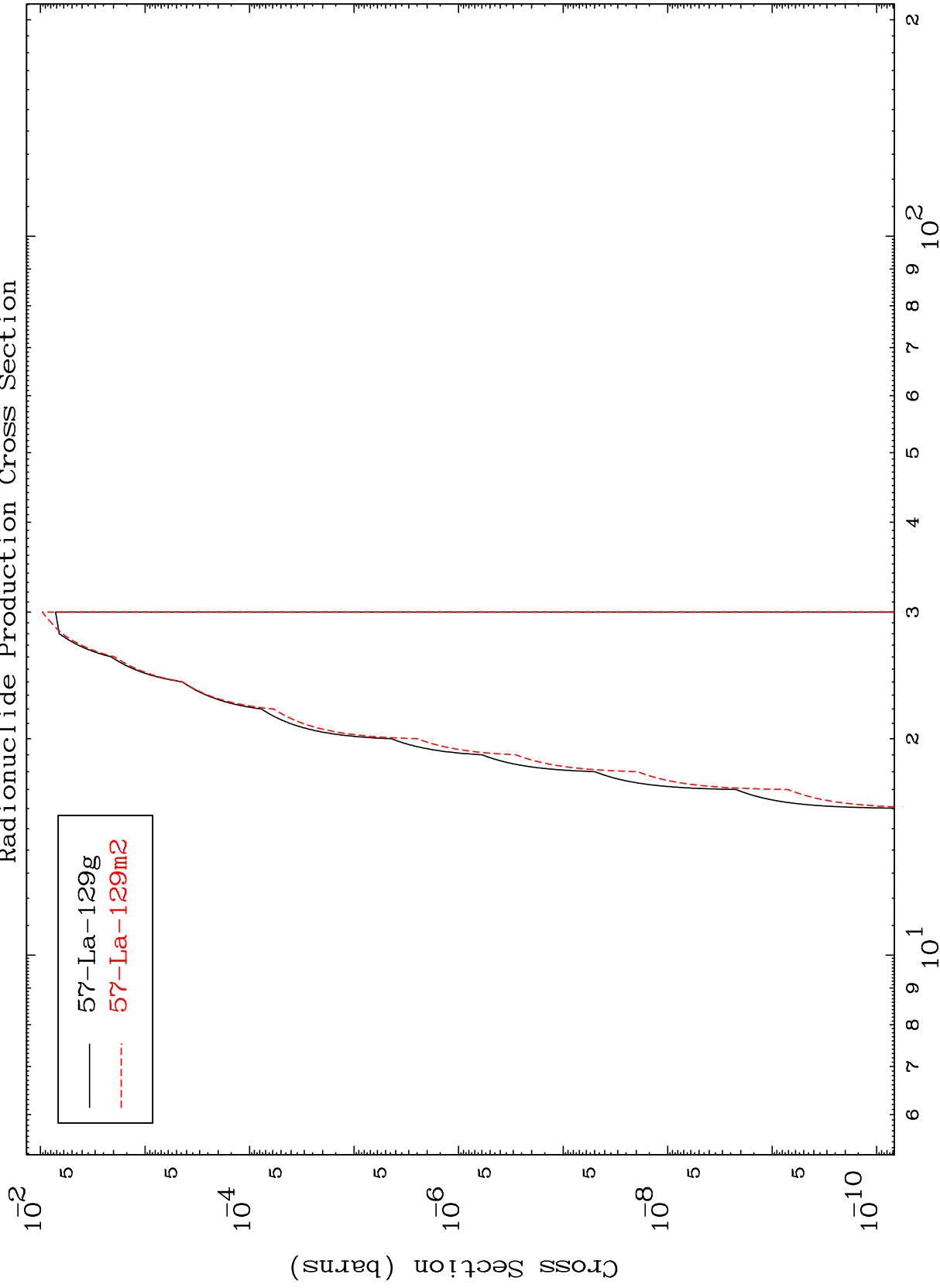
58-Ce-130

MAT 5807

( $\alpha, p$ )  $\alpha$

58-Ce-130

Radionuclide Production Cross Section



19

Incident Energy (MeV)

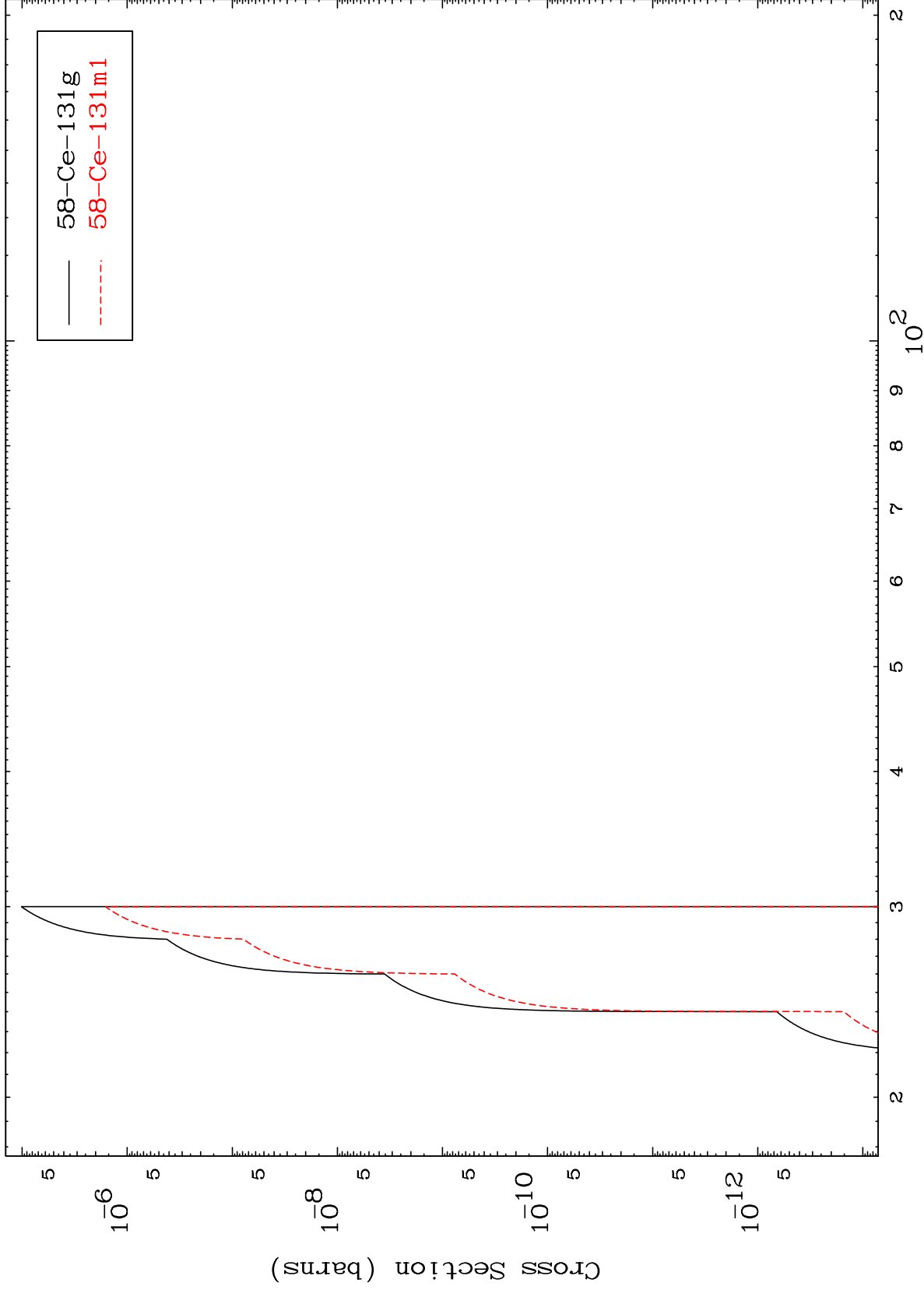
58-Ce-130

MAT 5807

( $\alpha, p$ ) d

58-Ce-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-130