

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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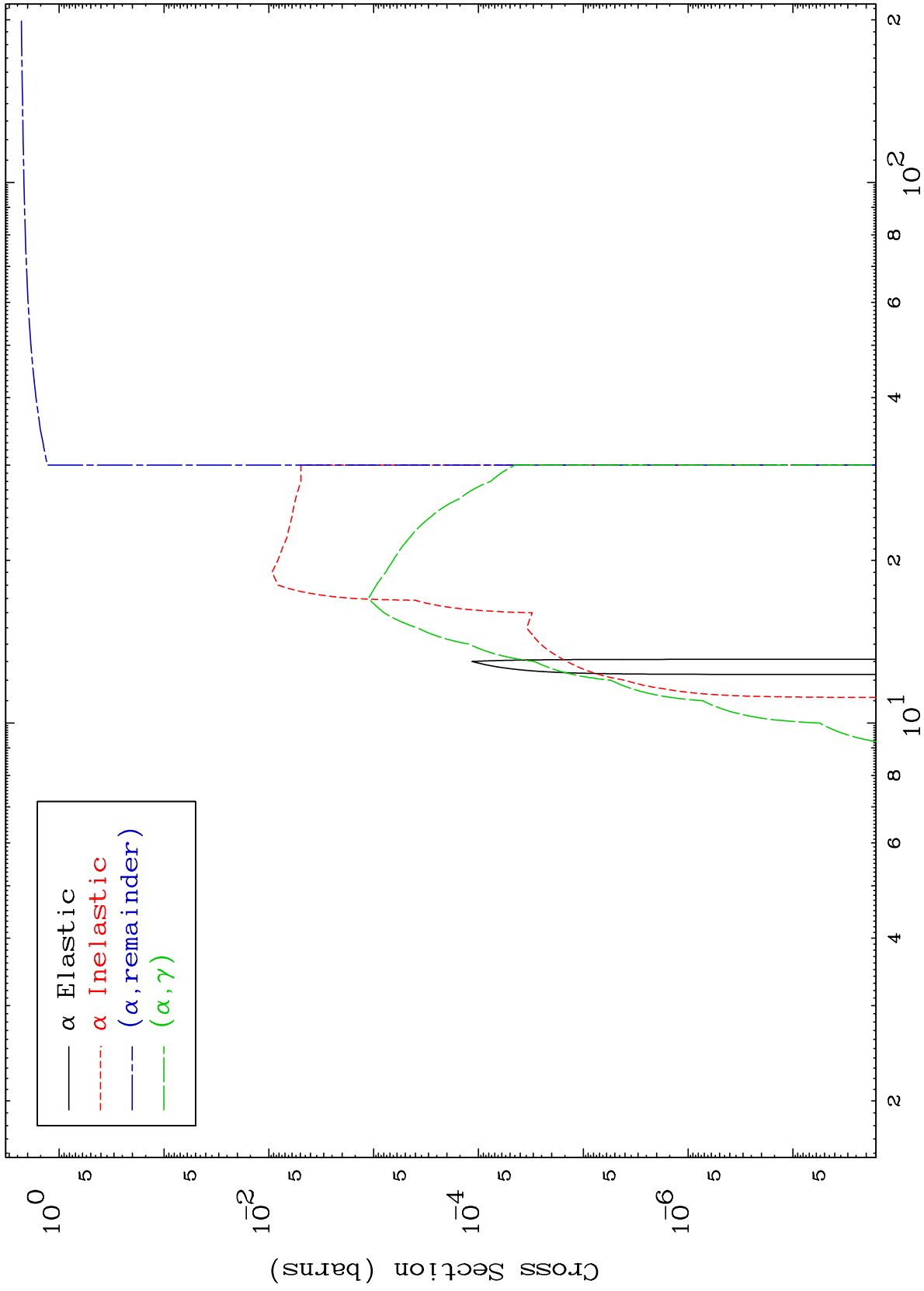
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5898

0 Kelvin  $\alpha$  Major

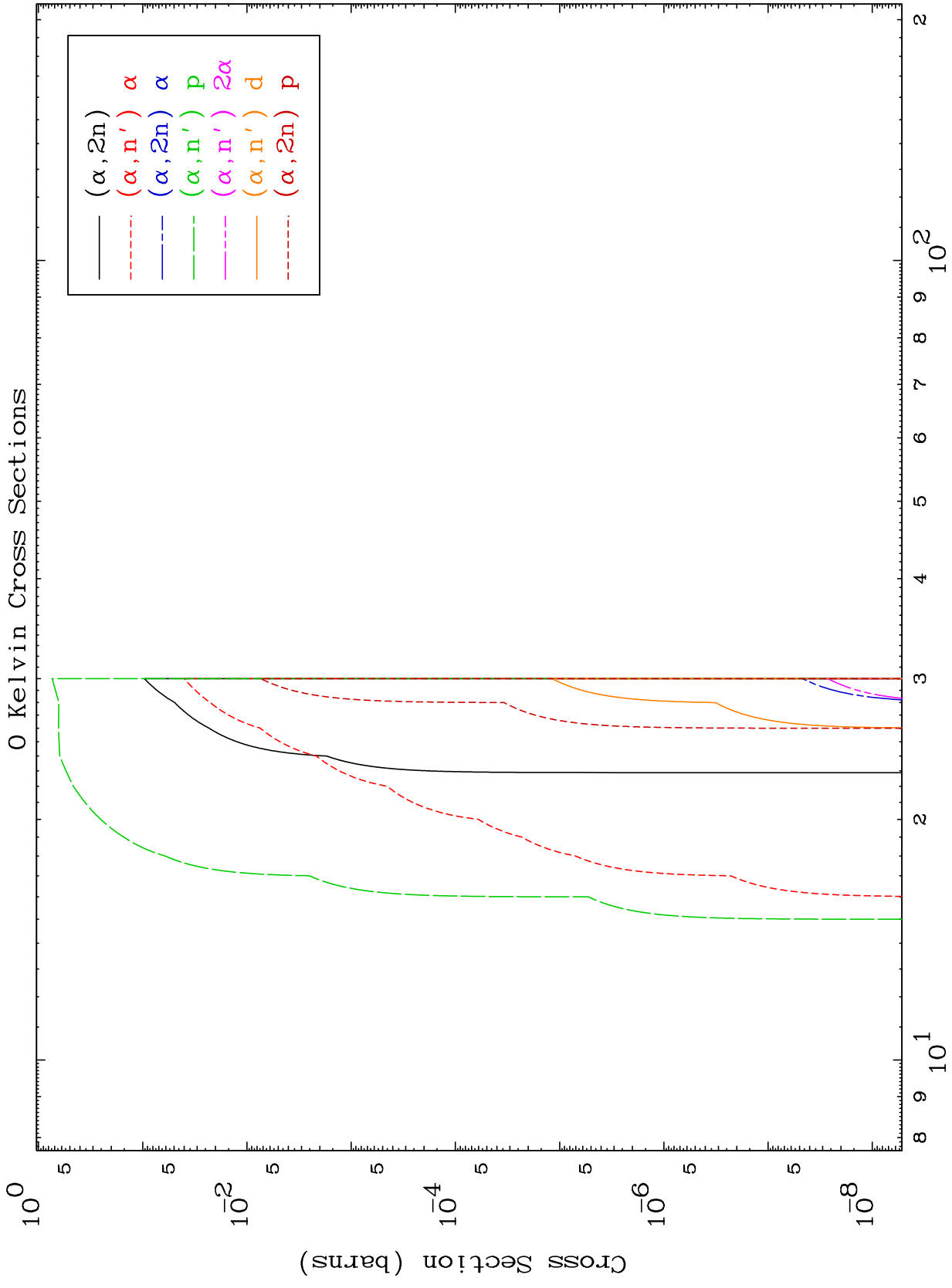
59-Pr-132

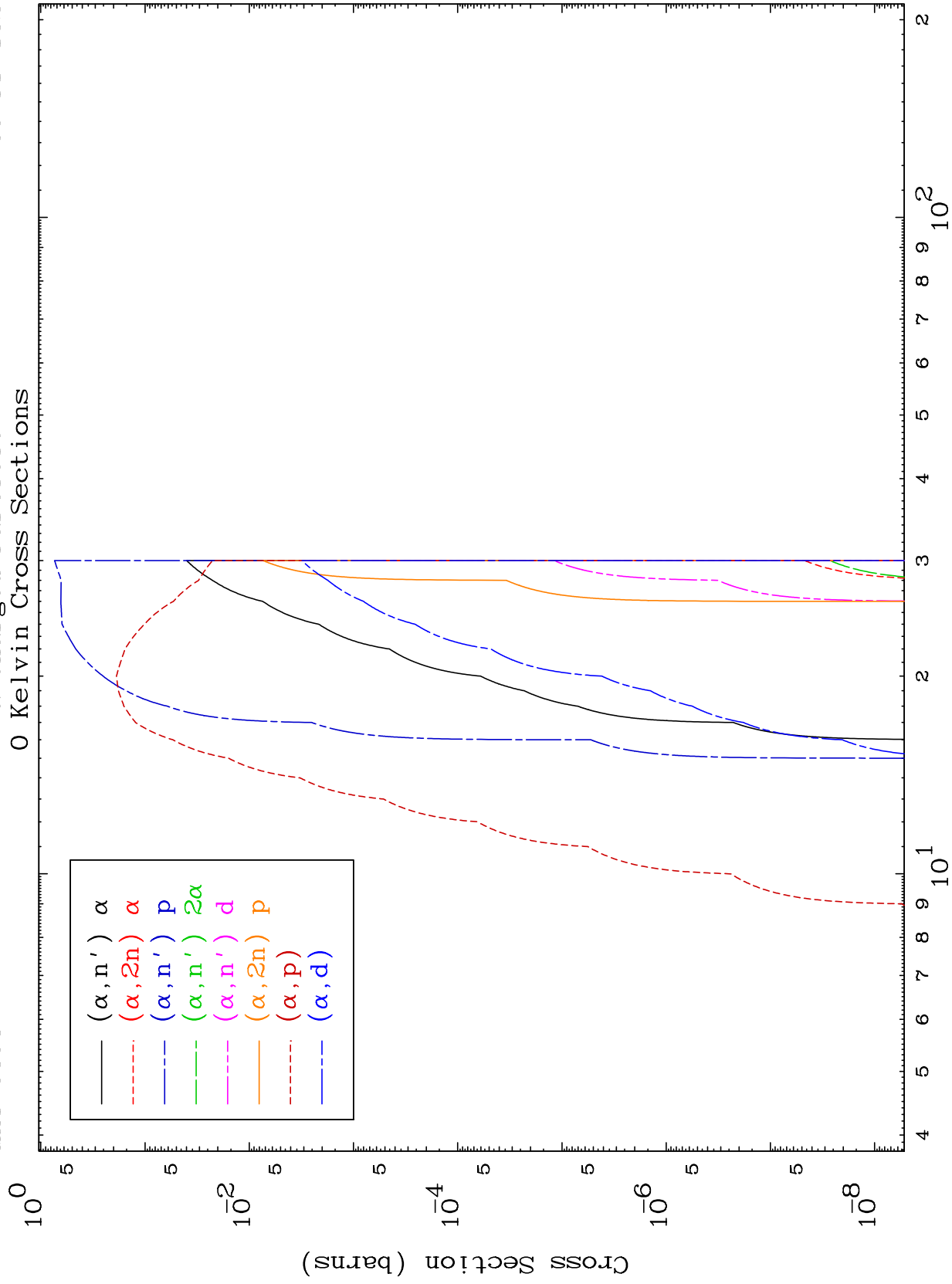


1

Incident Energy (MeV)

59-Pr-132

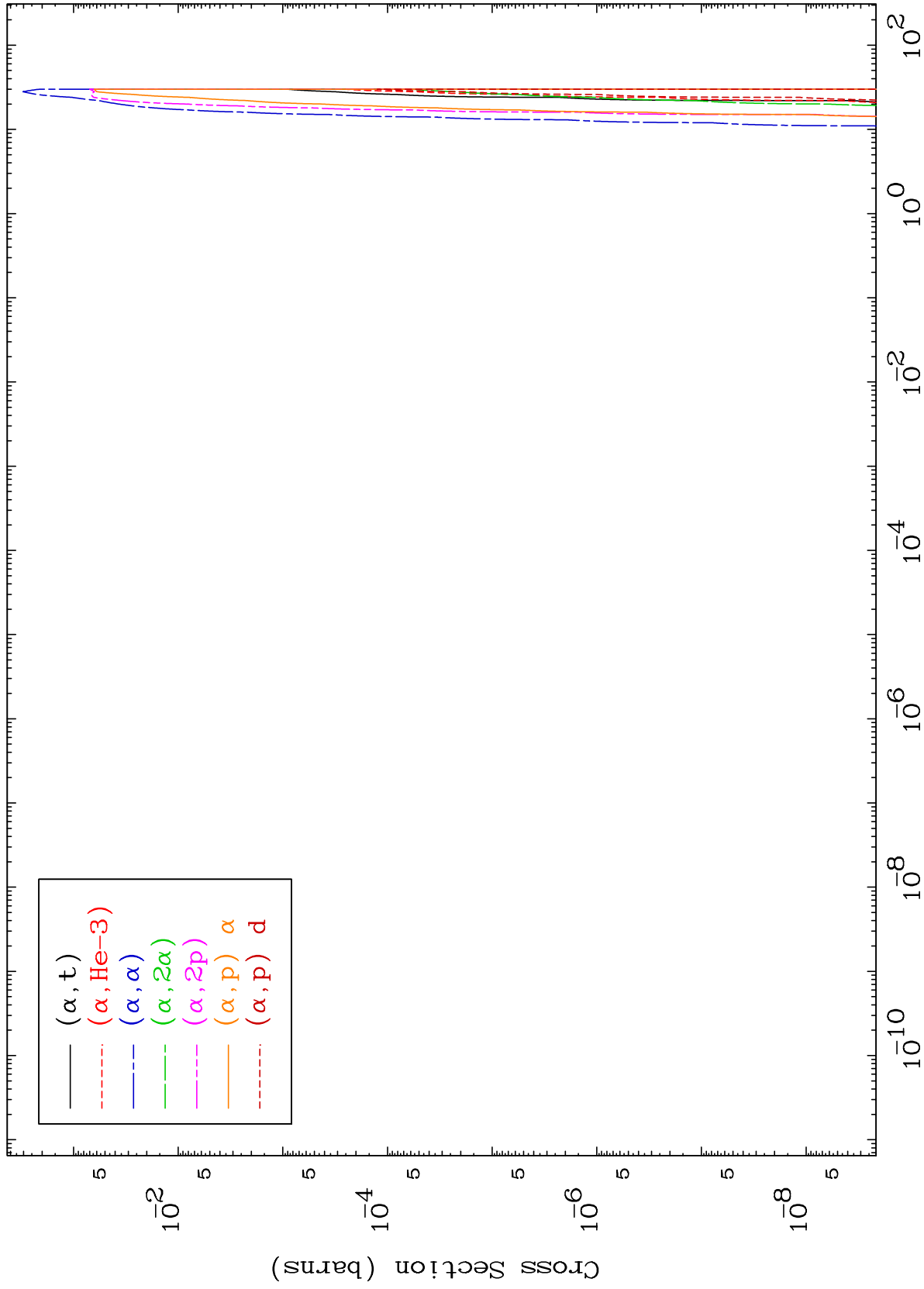




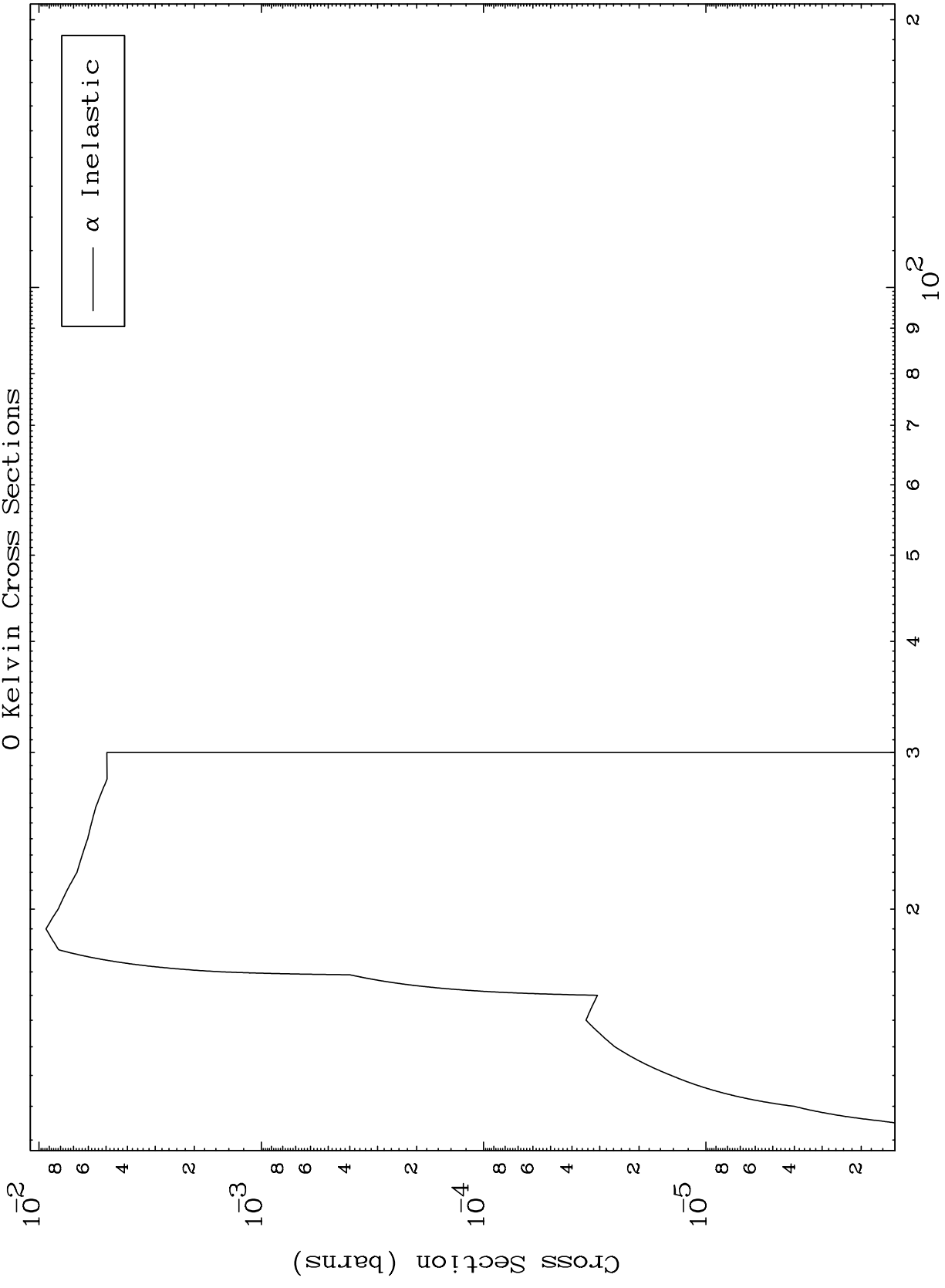
MAT 5898

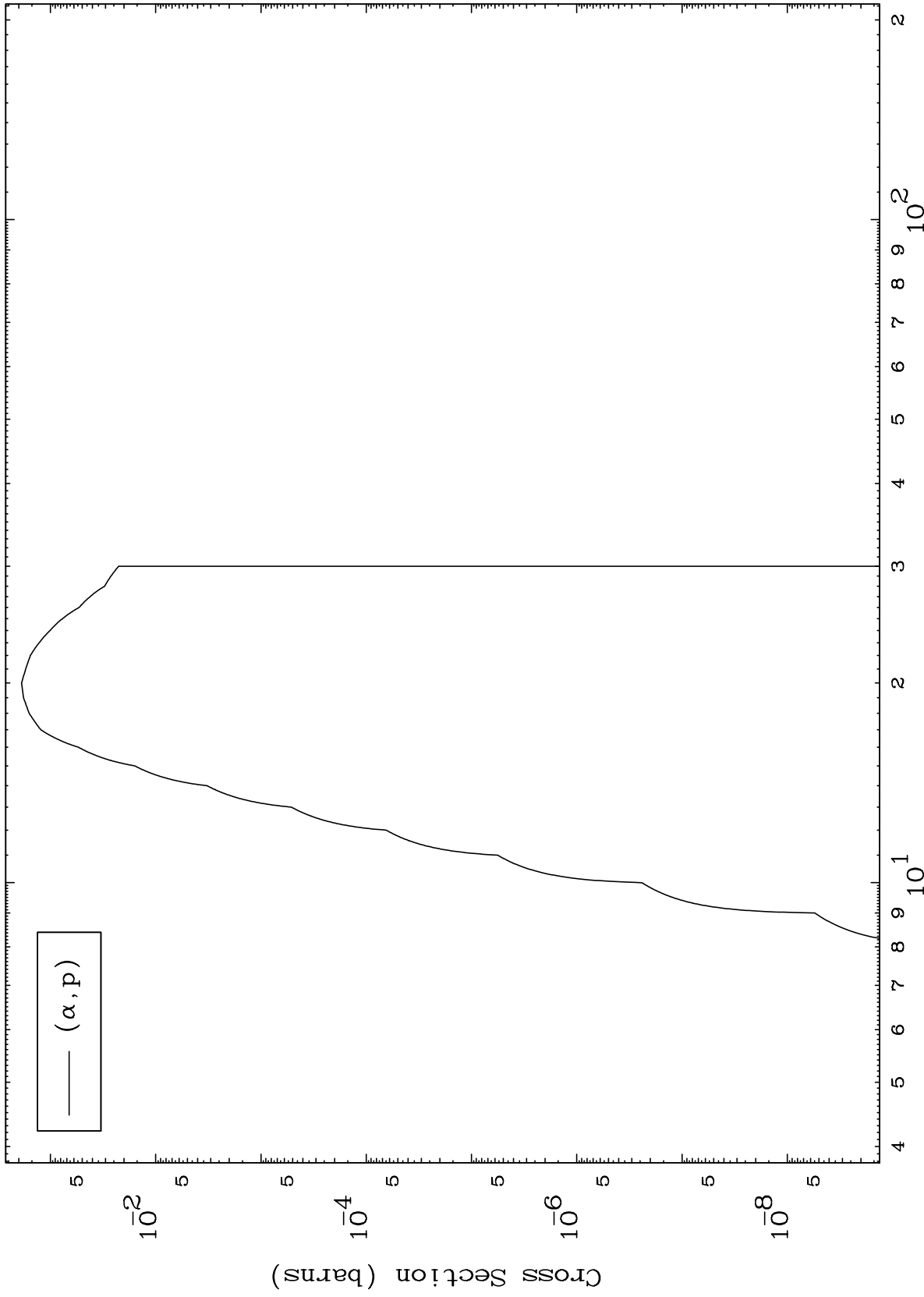
$\alpha$  Charged Particle  
0 Kelvin Cross Sections

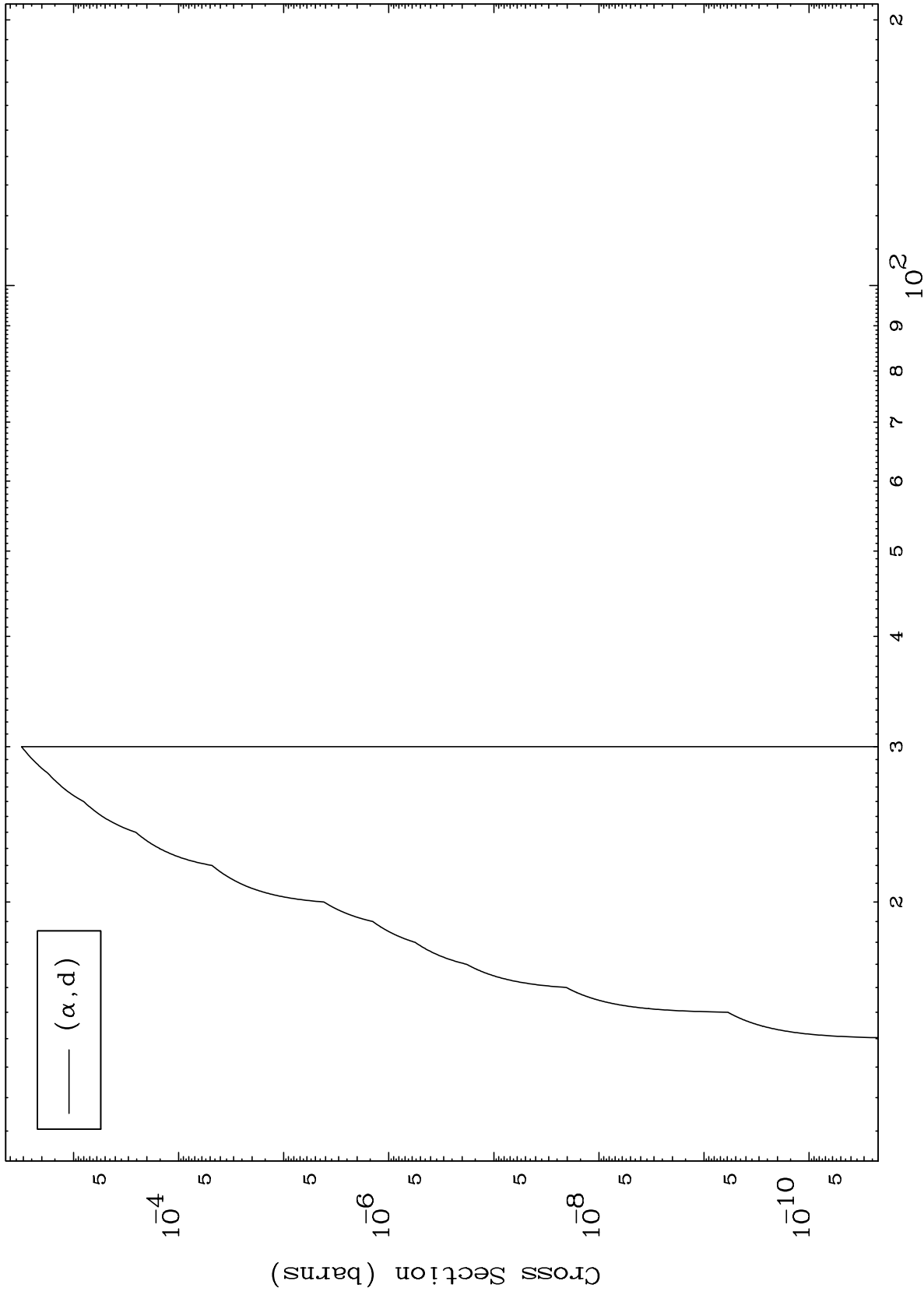
59-Pr-132



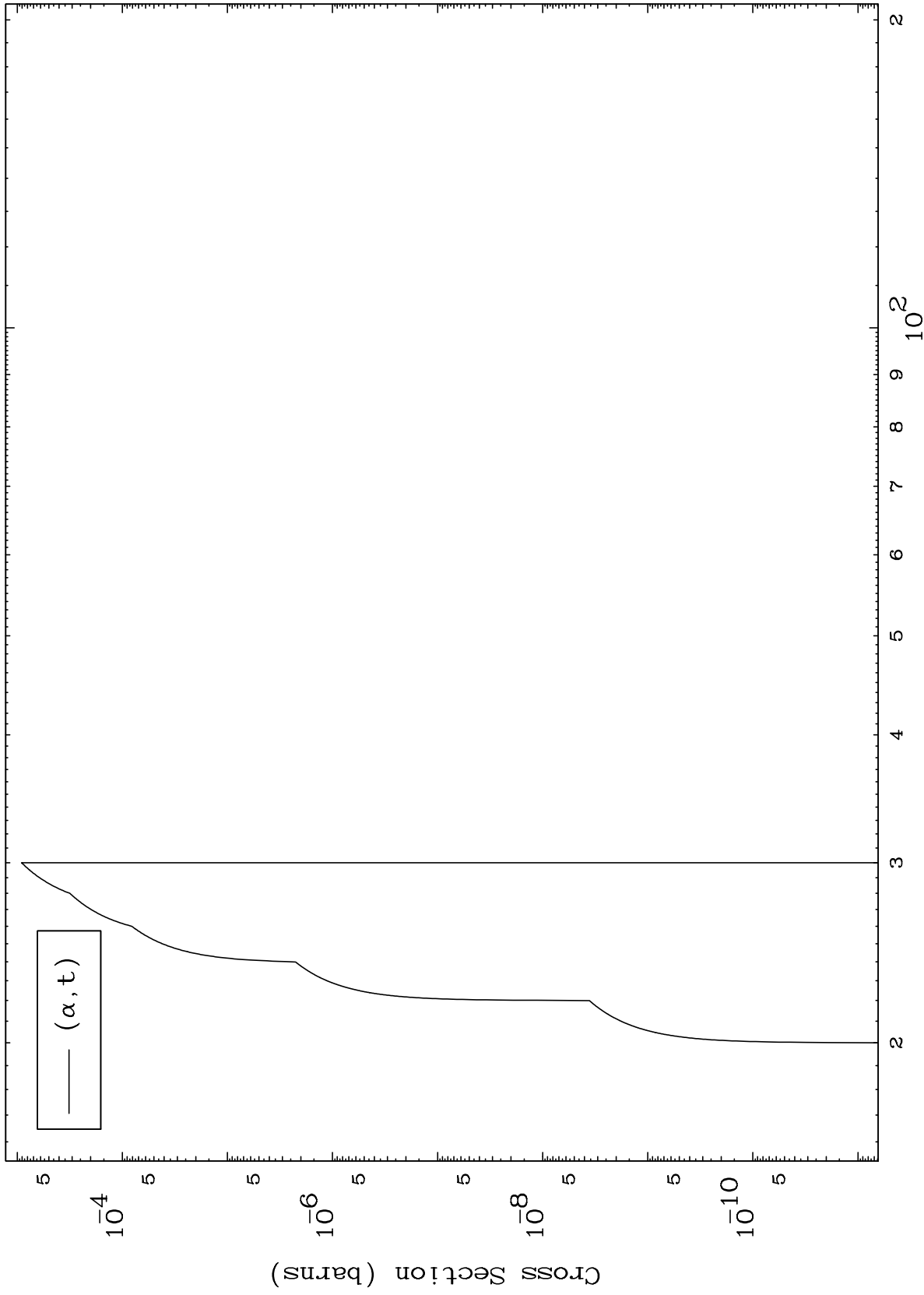
59-Pr-132

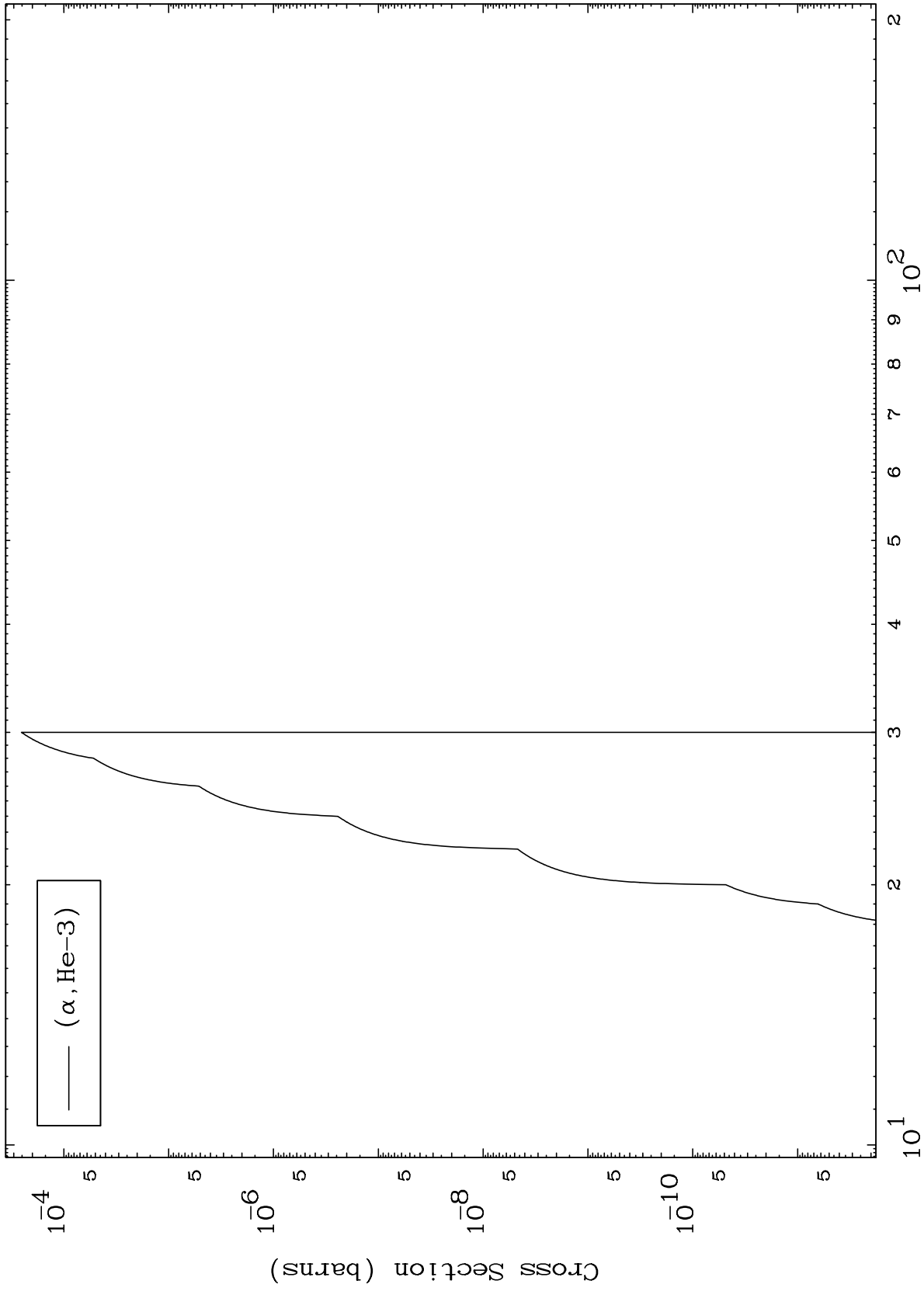








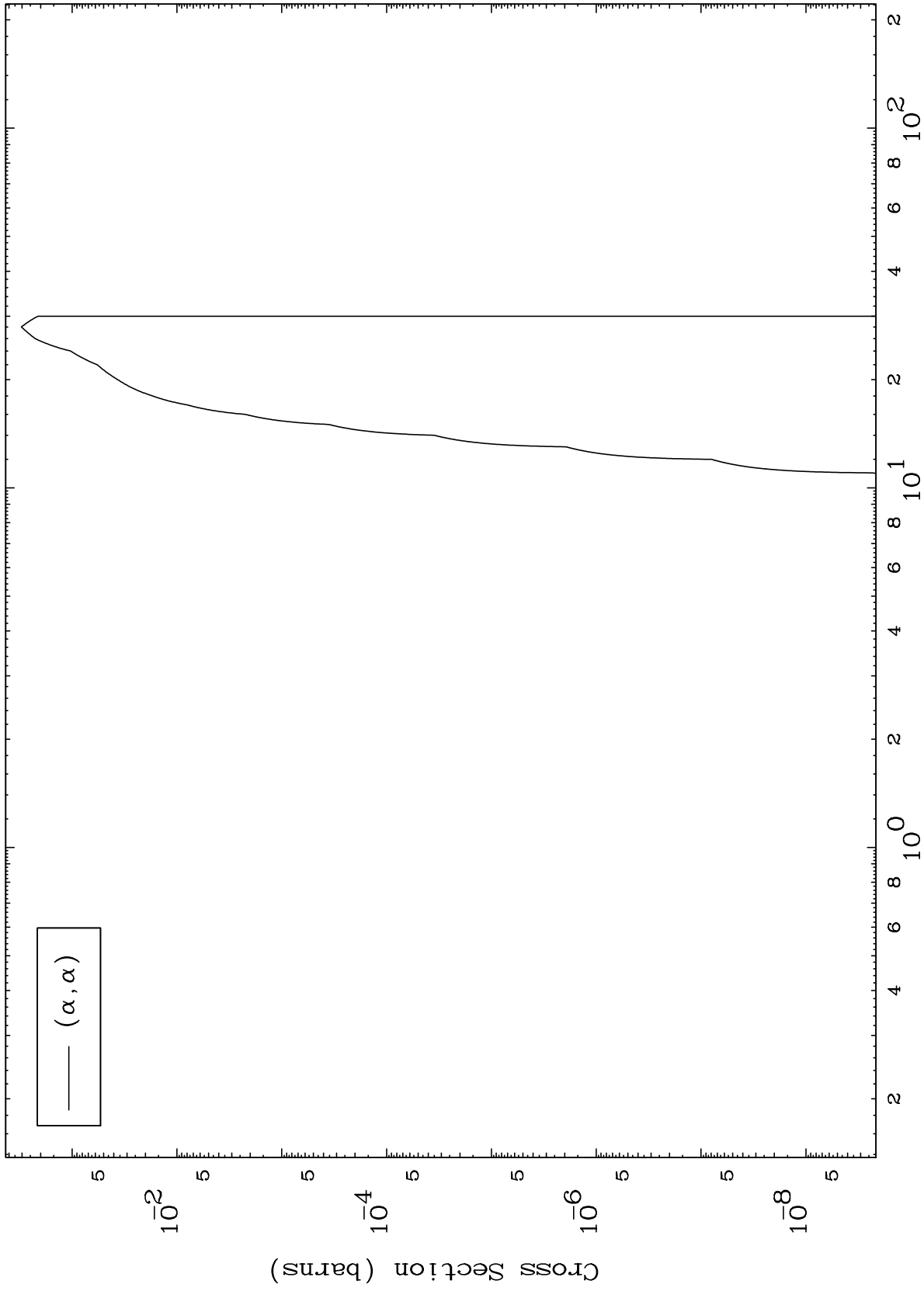




MAT 5898

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

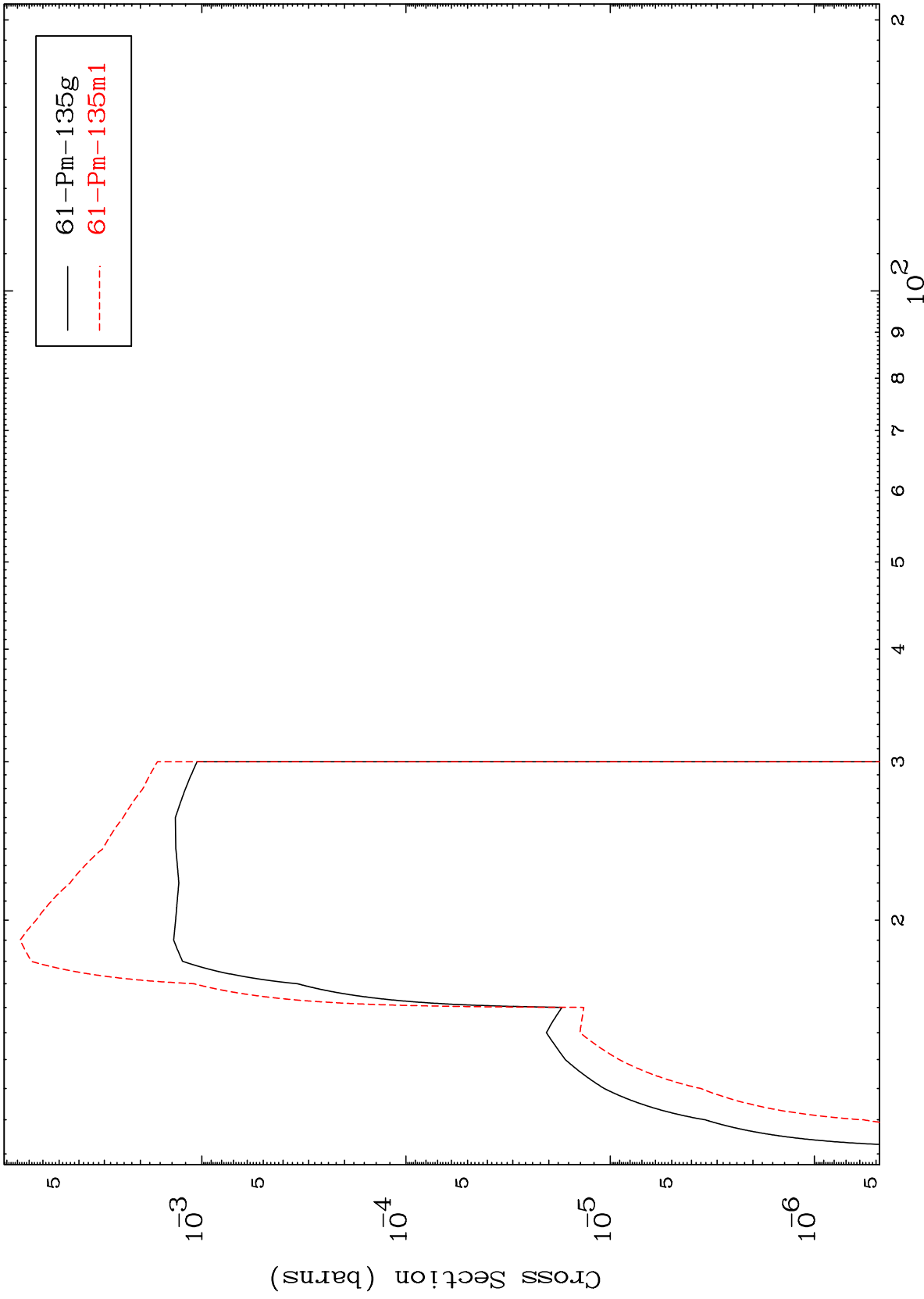
59-Pr-132



10

Incident Energy (MeV)

59-Pr-132

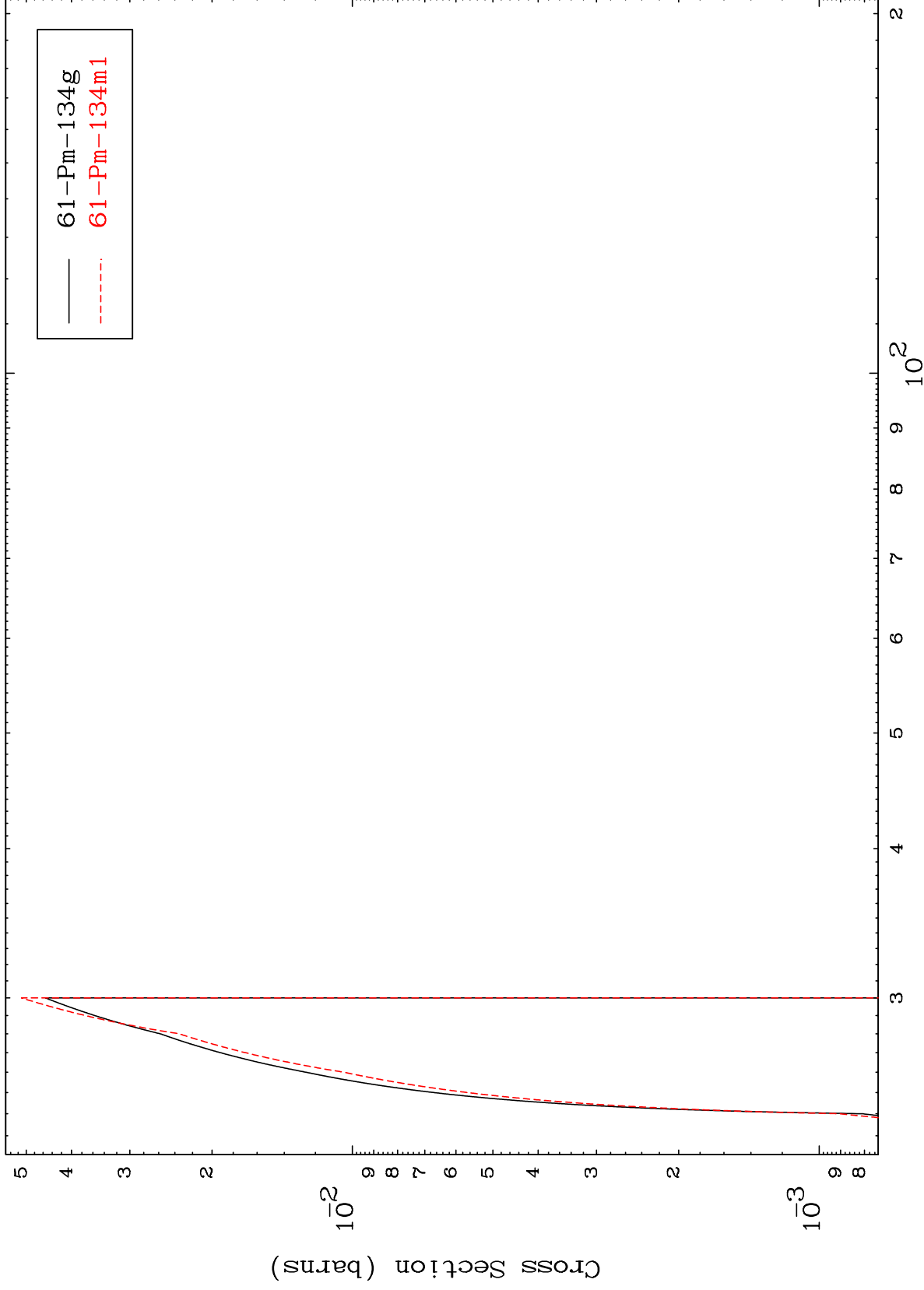


MAT 5898

( $\alpha, 2n$ )

59-Pr-132

Radionuclide Production Cross Section



12

Incident Energy (MeV)

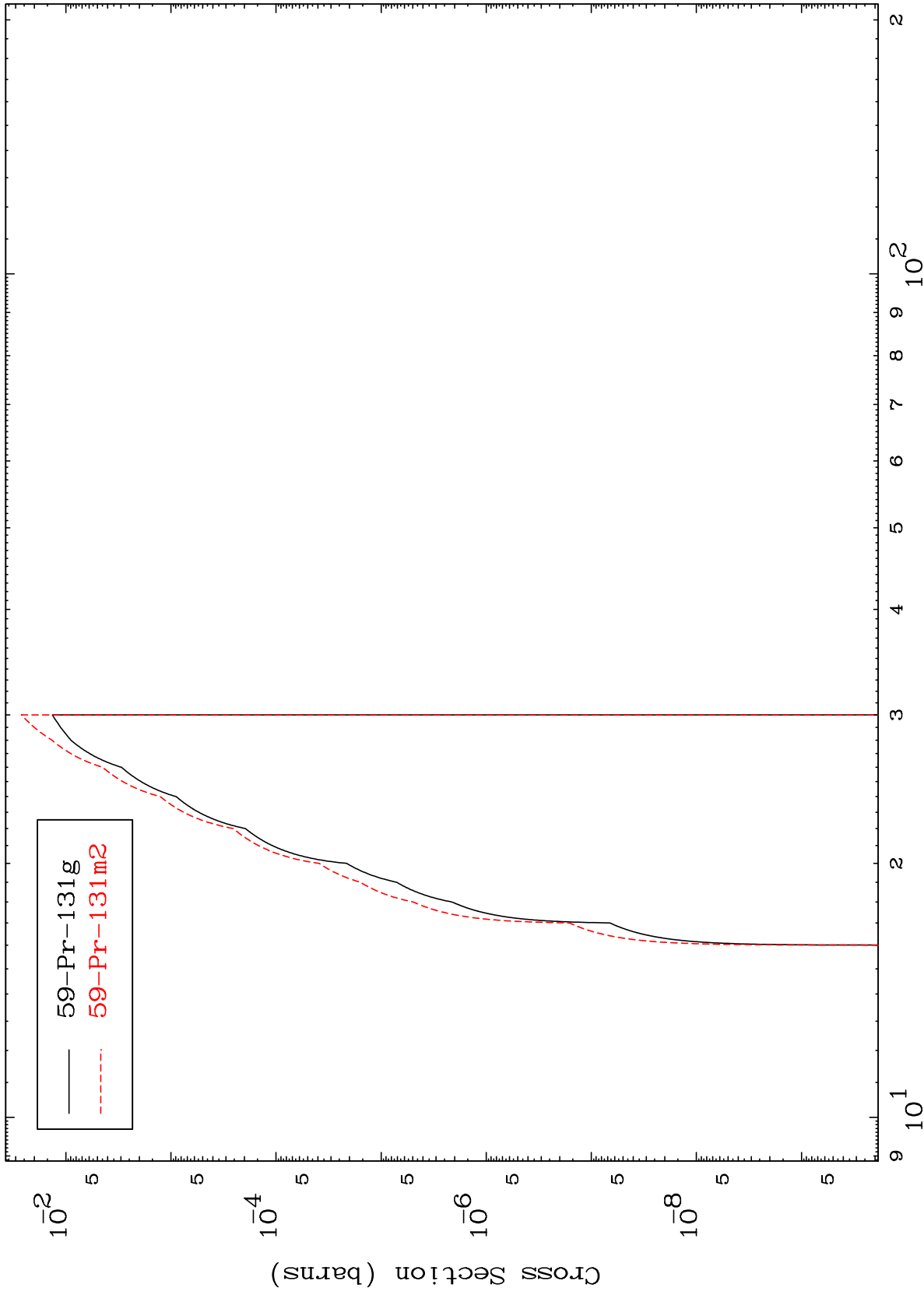
59-Pr-132

MAT 5898

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

59-Pr-132

Radionuclide Production Cross Section



59-Pr-131g  
59-Pr-131m2

13

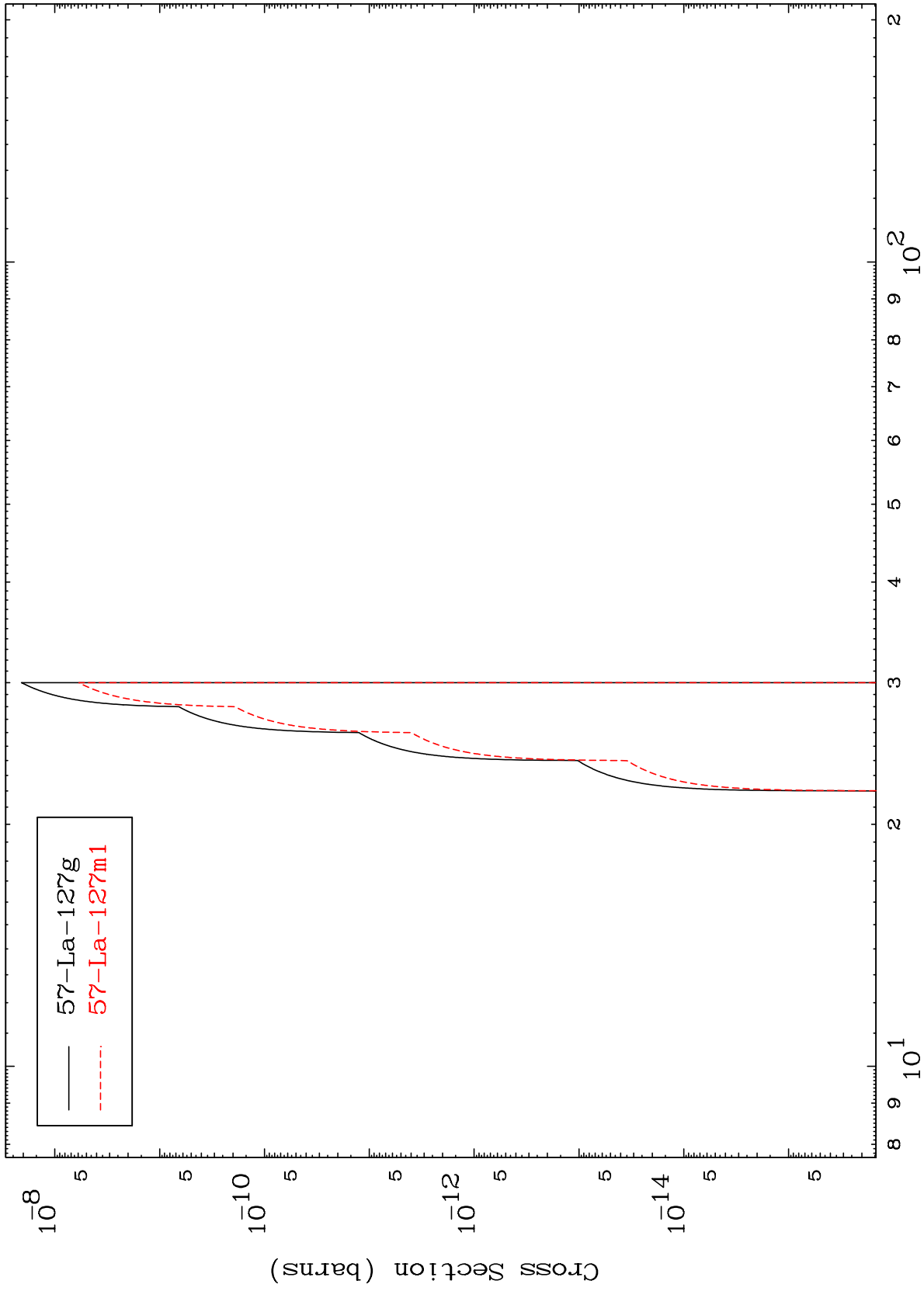
59-Pr-132

MAT 5898

( $\alpha, n'$ )  $2\alpha$

59-Pr-132

Radionuclide Production Cross Section



14

Incident Energy (MeV)

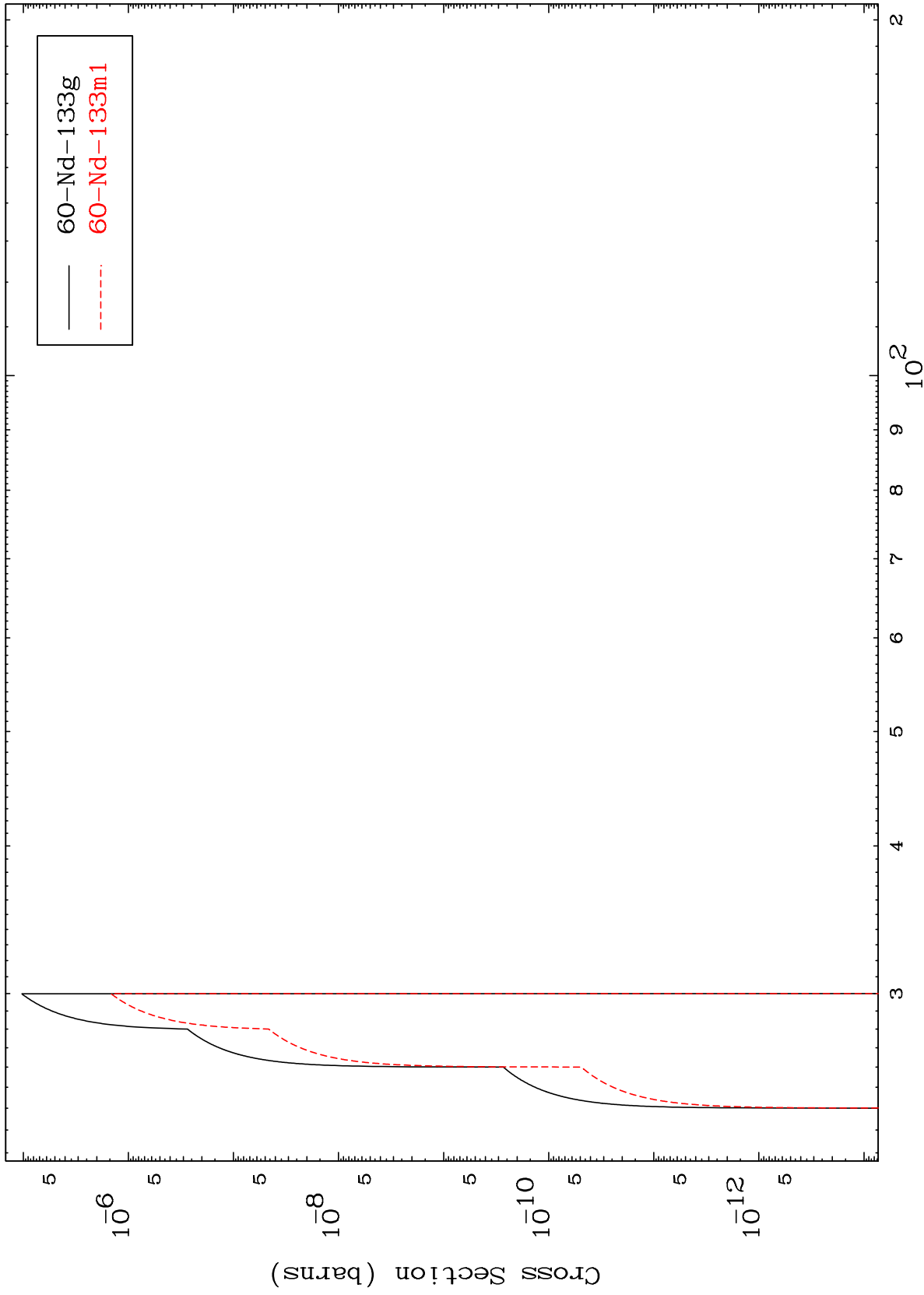
59-Pr-132

MAT 5898

( $\alpha, n'$ ) d

59-Pr-132

Radionuclide Production Cross Section



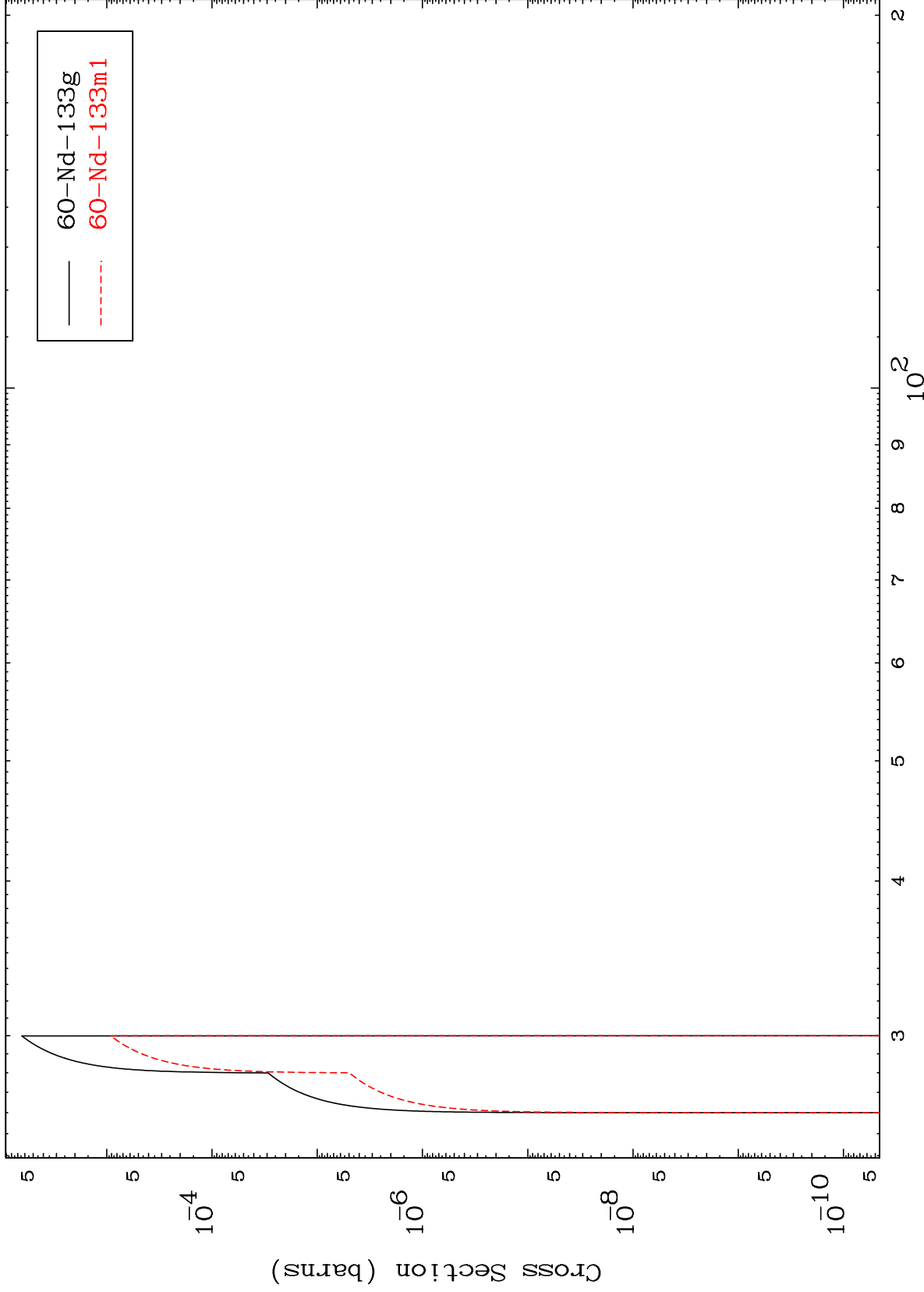
15

Incident Energy (MeV)

59-Pr-132



Radionuclide Production Cross Section

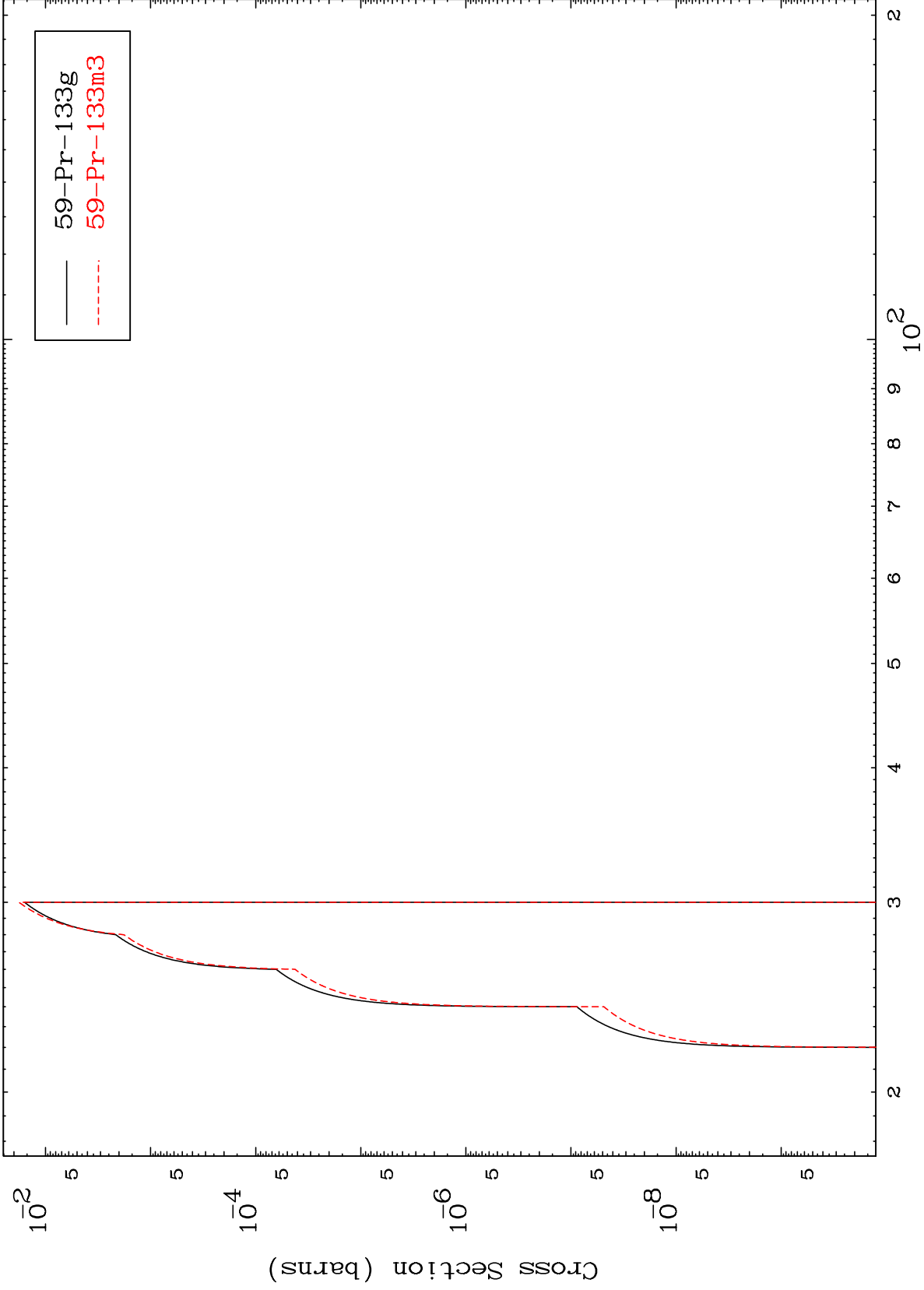


MAT 5898

( $\alpha, 2n$ ) p

59-Pr-132

Radionuclide Production Cross Section



17

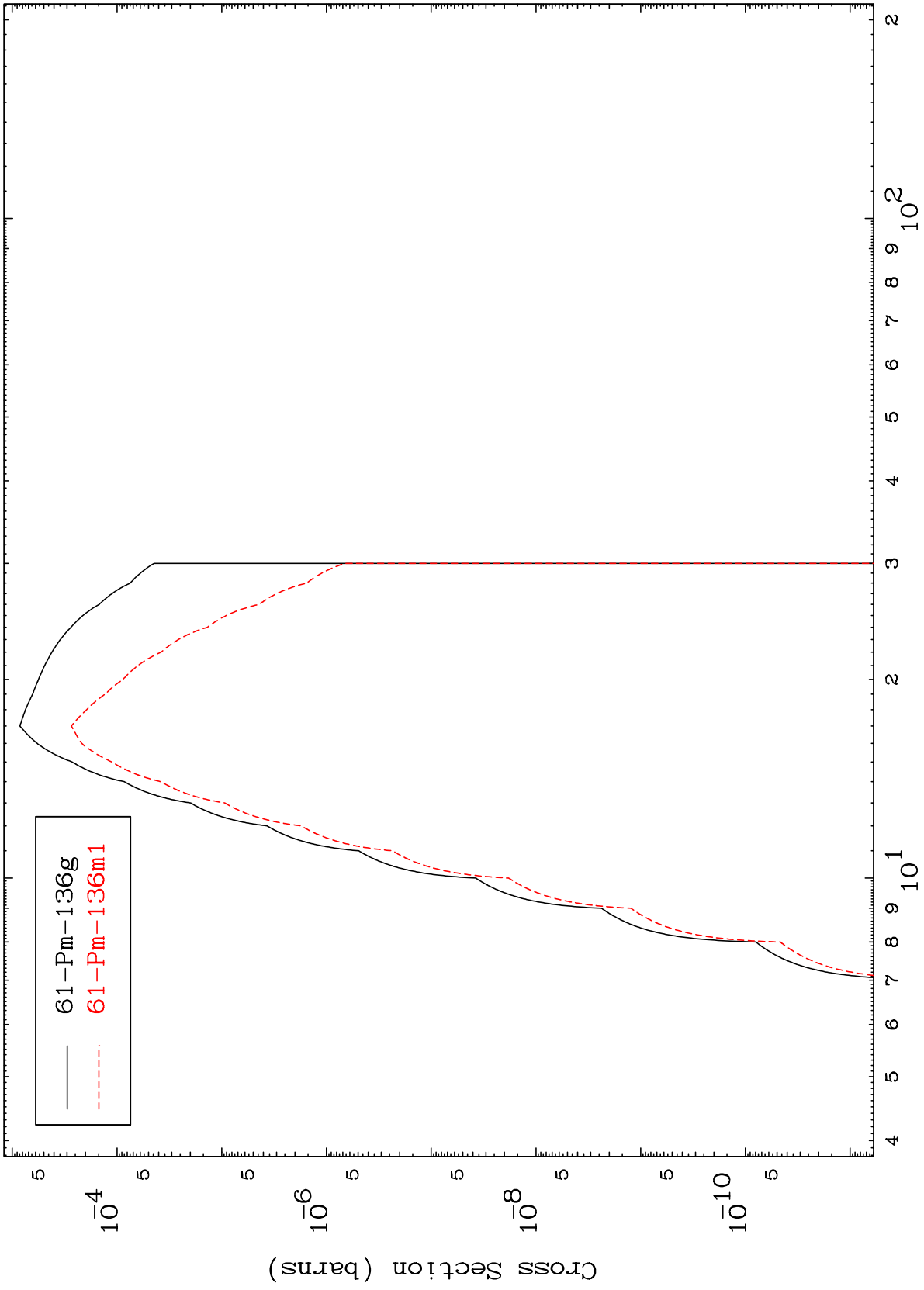
Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

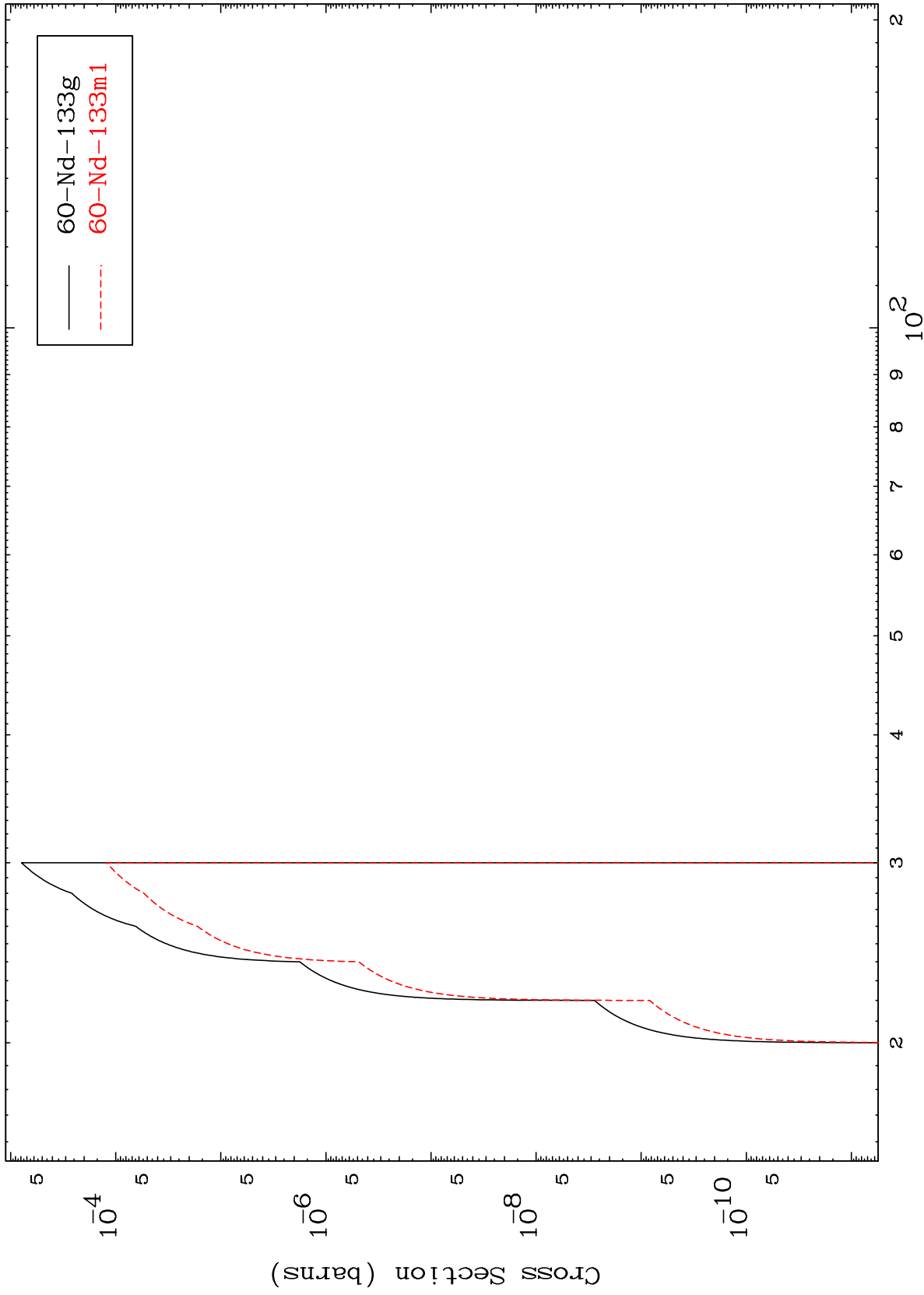
Radionuclide Production Cross Section  
( $\alpha, \gamma$ )



18

59-Pr-132

Radionuclide Production Cross Section

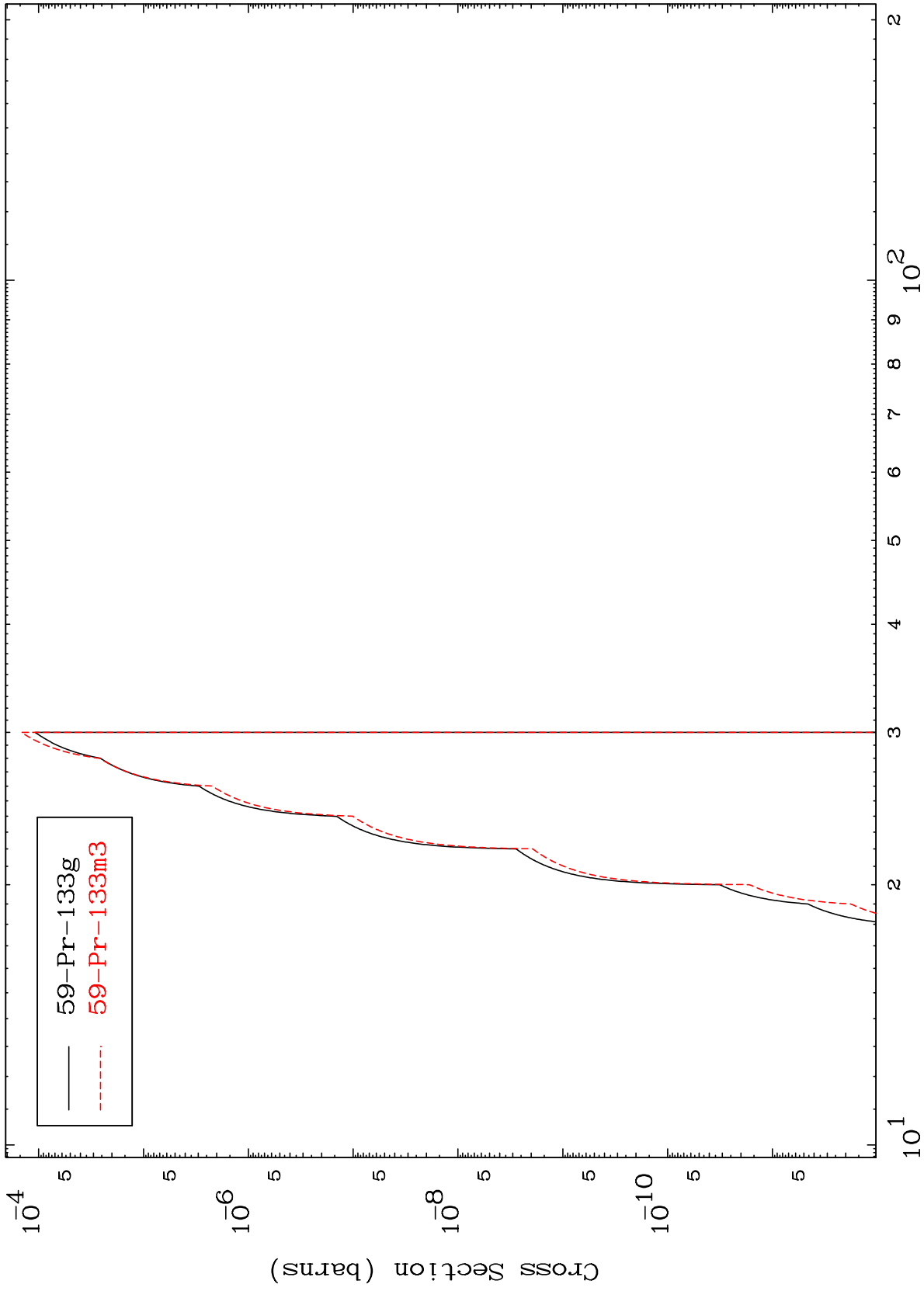


MAT 5898

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

59-Pr-132

Radionuclide Production Cross Section



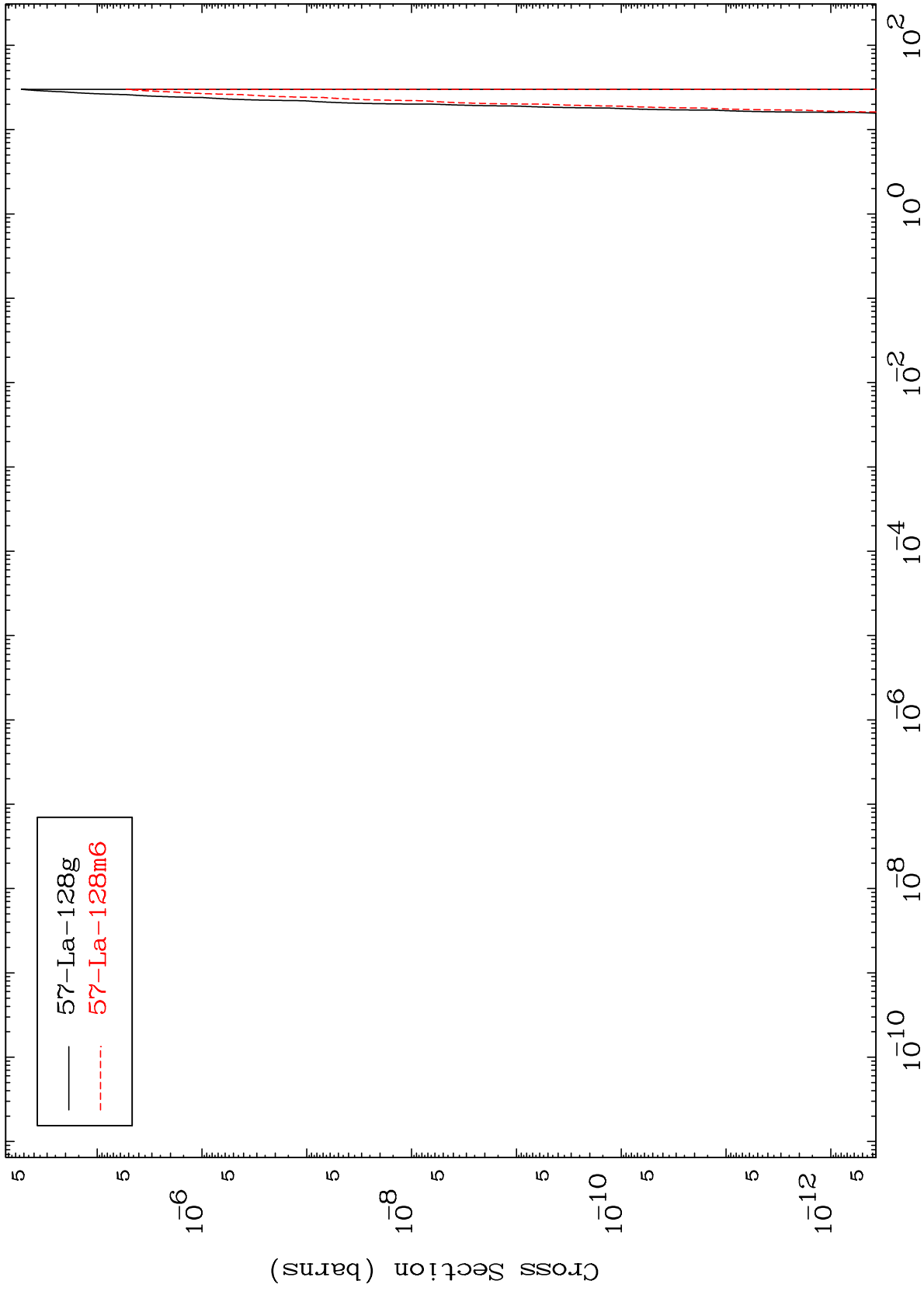
59-Pr-132

MAT 5898

( $\alpha, 2\alpha$ )

59-Pr-132

Radionuclide Production Cross Section



21

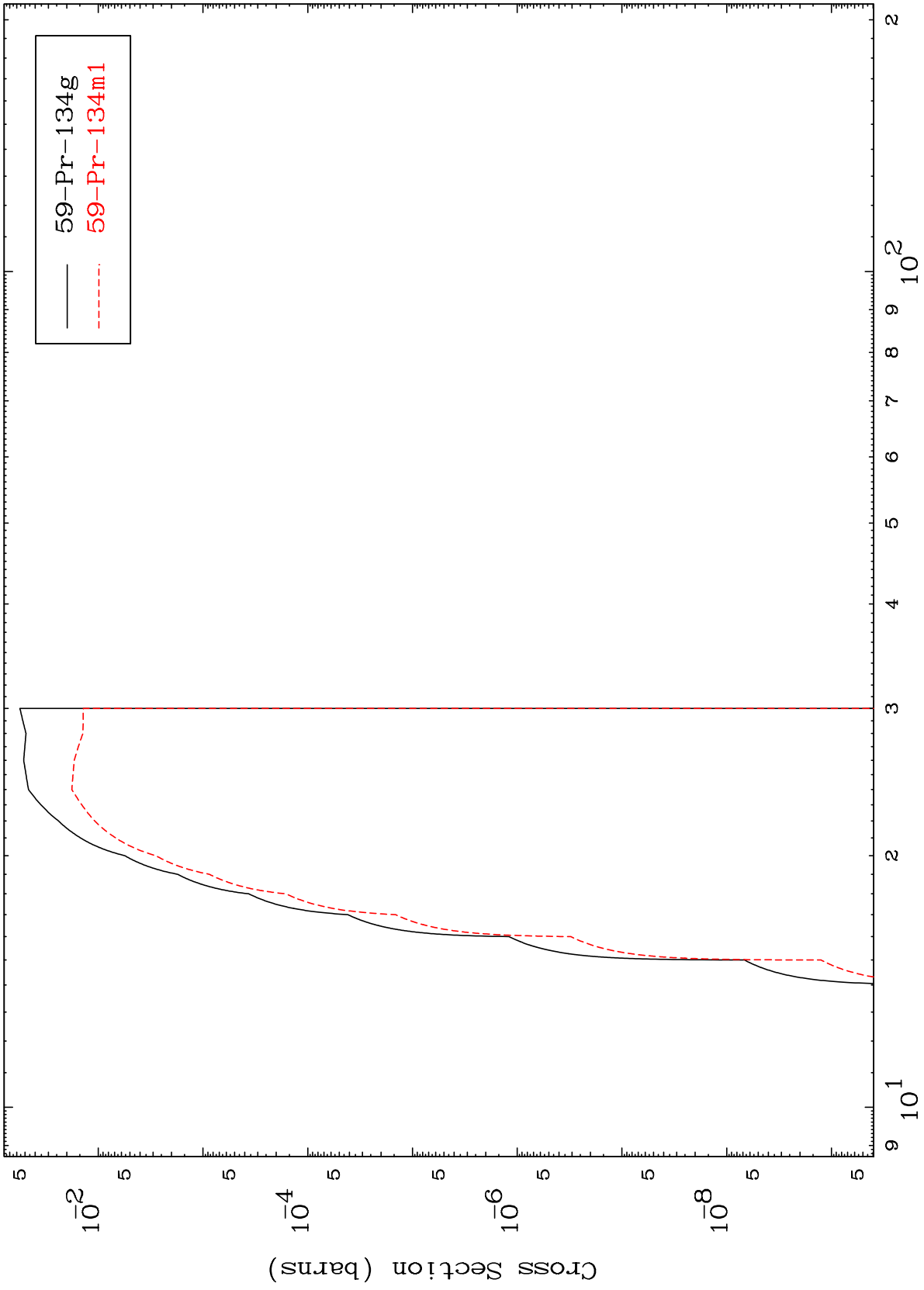
Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

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



22

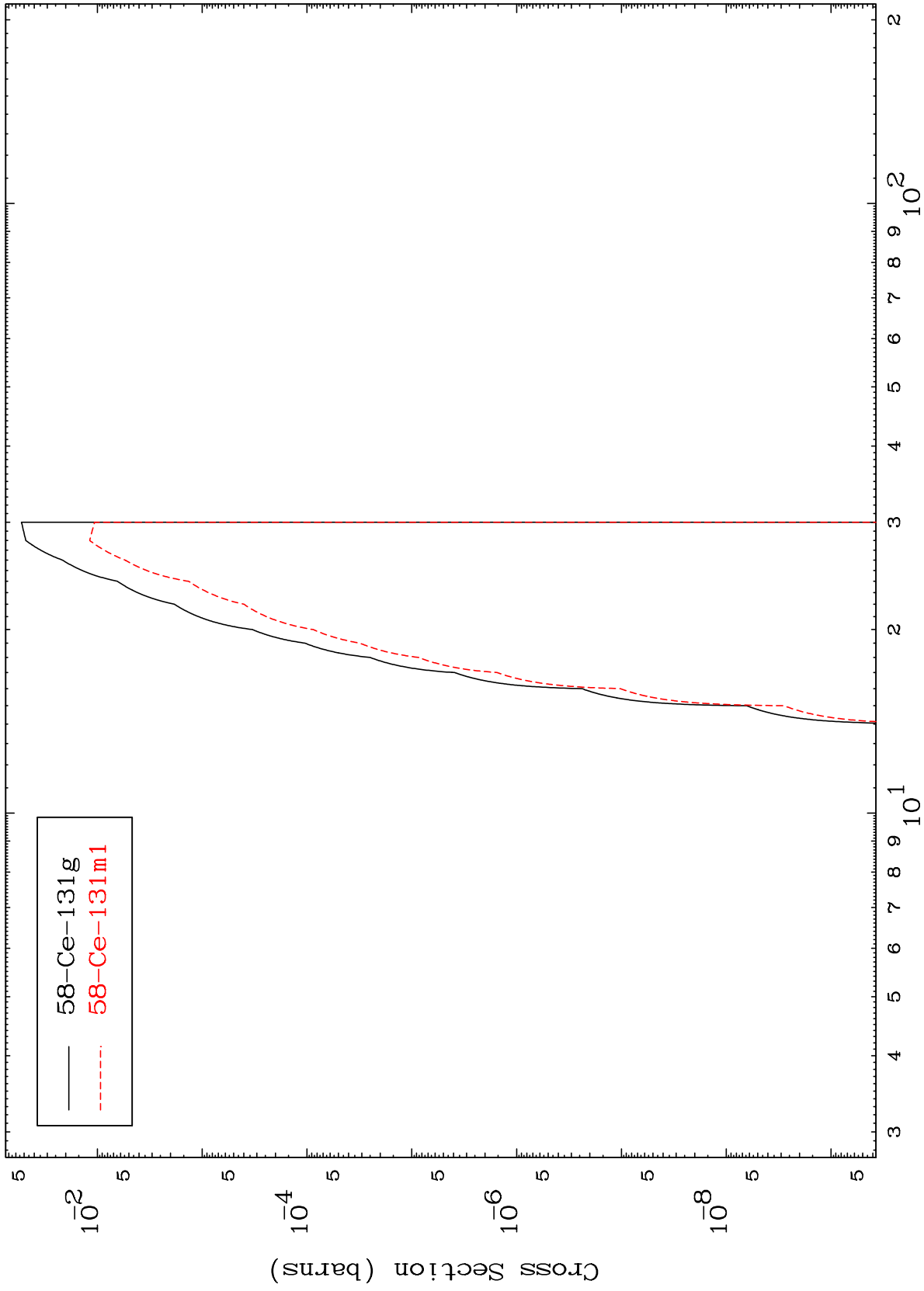
59-Pr-132

MAT 5898

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

59-Pr-132

Radionuclide Production Cross Section



58-Ce-131g  
58-Ce-131m1

23

Incident Energy (MeV)

59-Pr-132

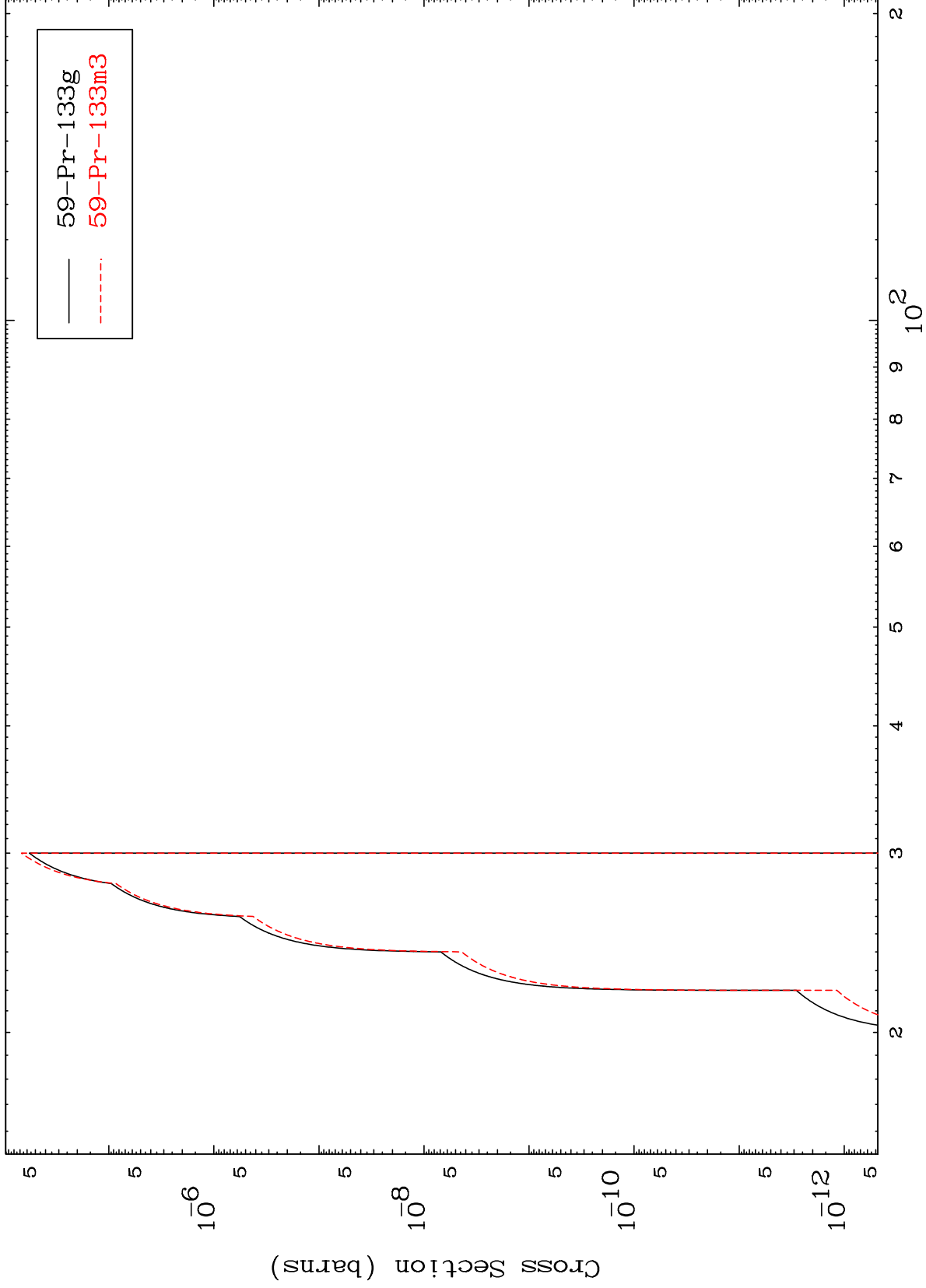


MAT 5898

( $\alpha, p$ ) d

59-Pr-132

Radionuclide Production Cross Section



24

Incident Energy (MeV)

59-Pr-132