

Program EVALPLOT  
(Version 2018-1)

by

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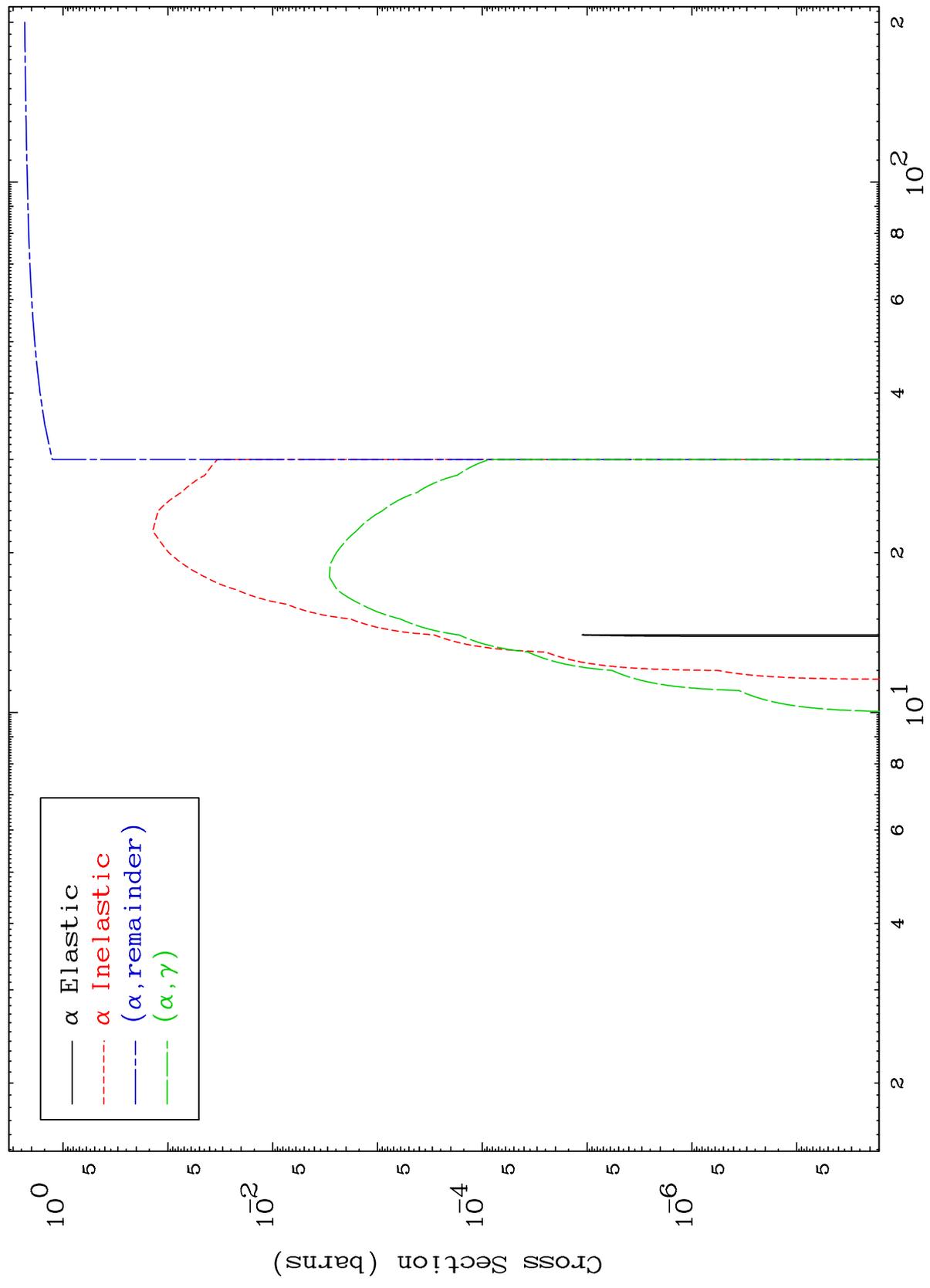
Press Mouse Button to Start

MAT 6117

0 Kelvin

$\alpha$  Major Cross Sections

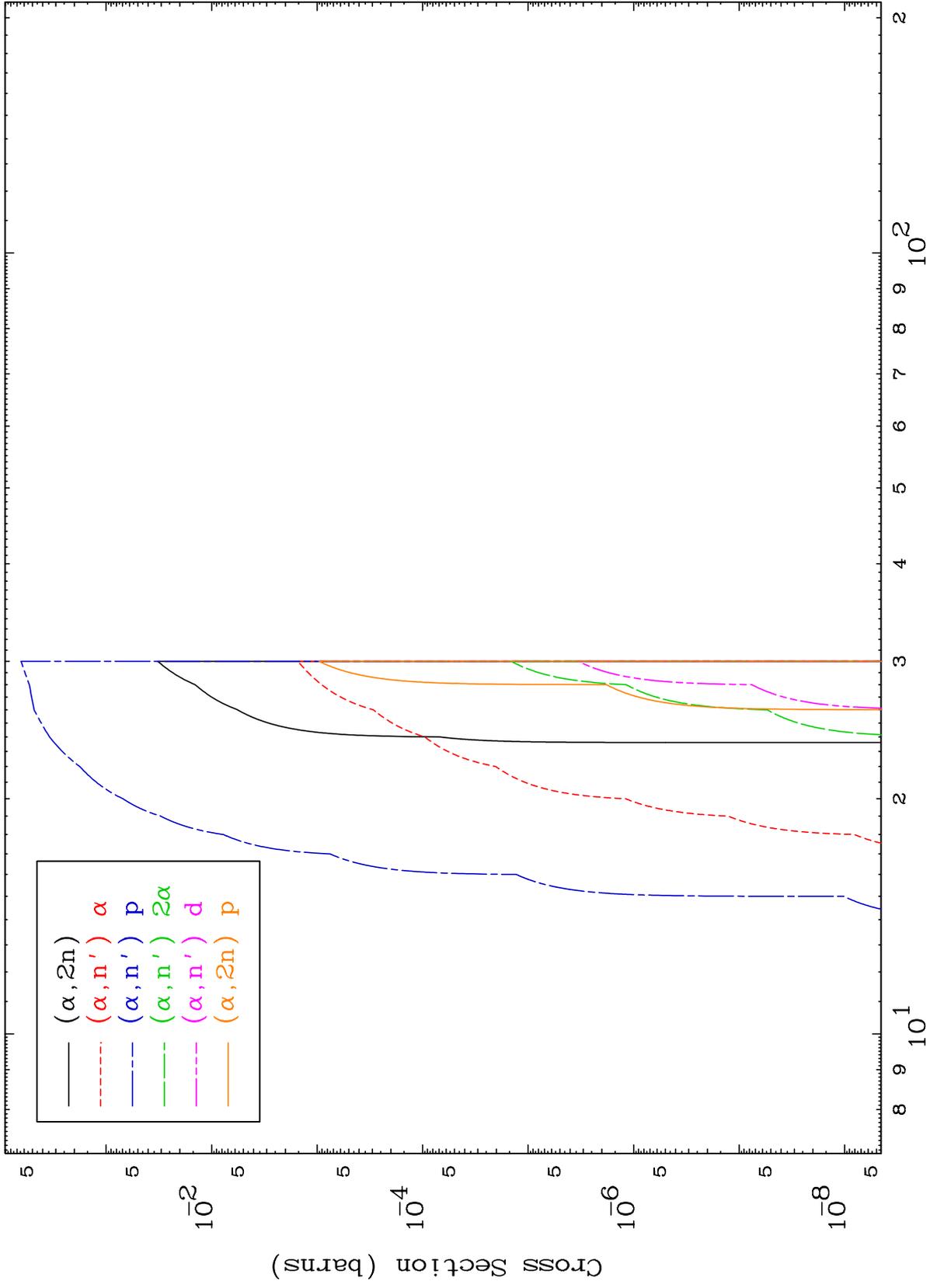
61-Pm-136

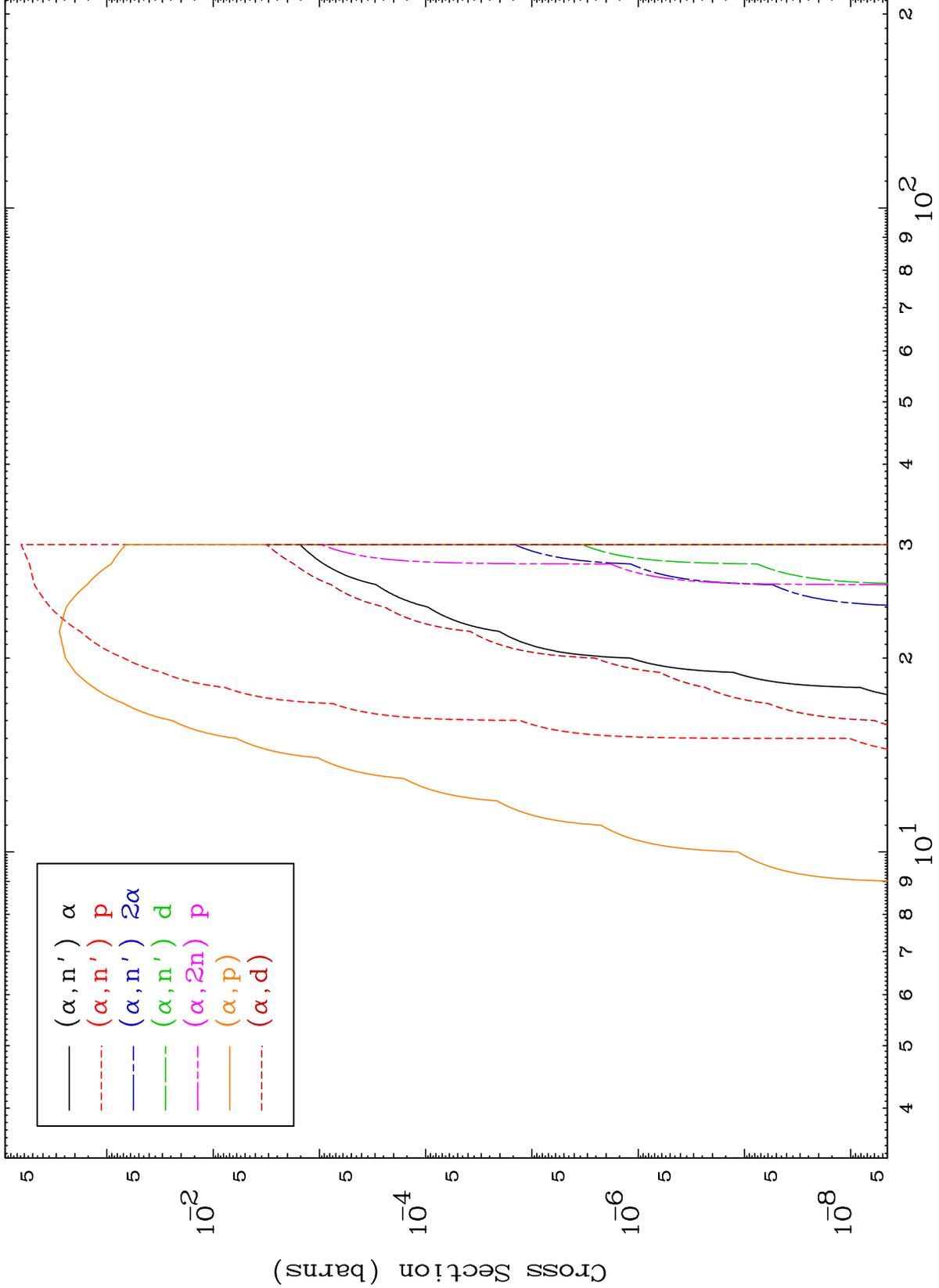


1

Incident Energy (MeV)

61-Pm-136

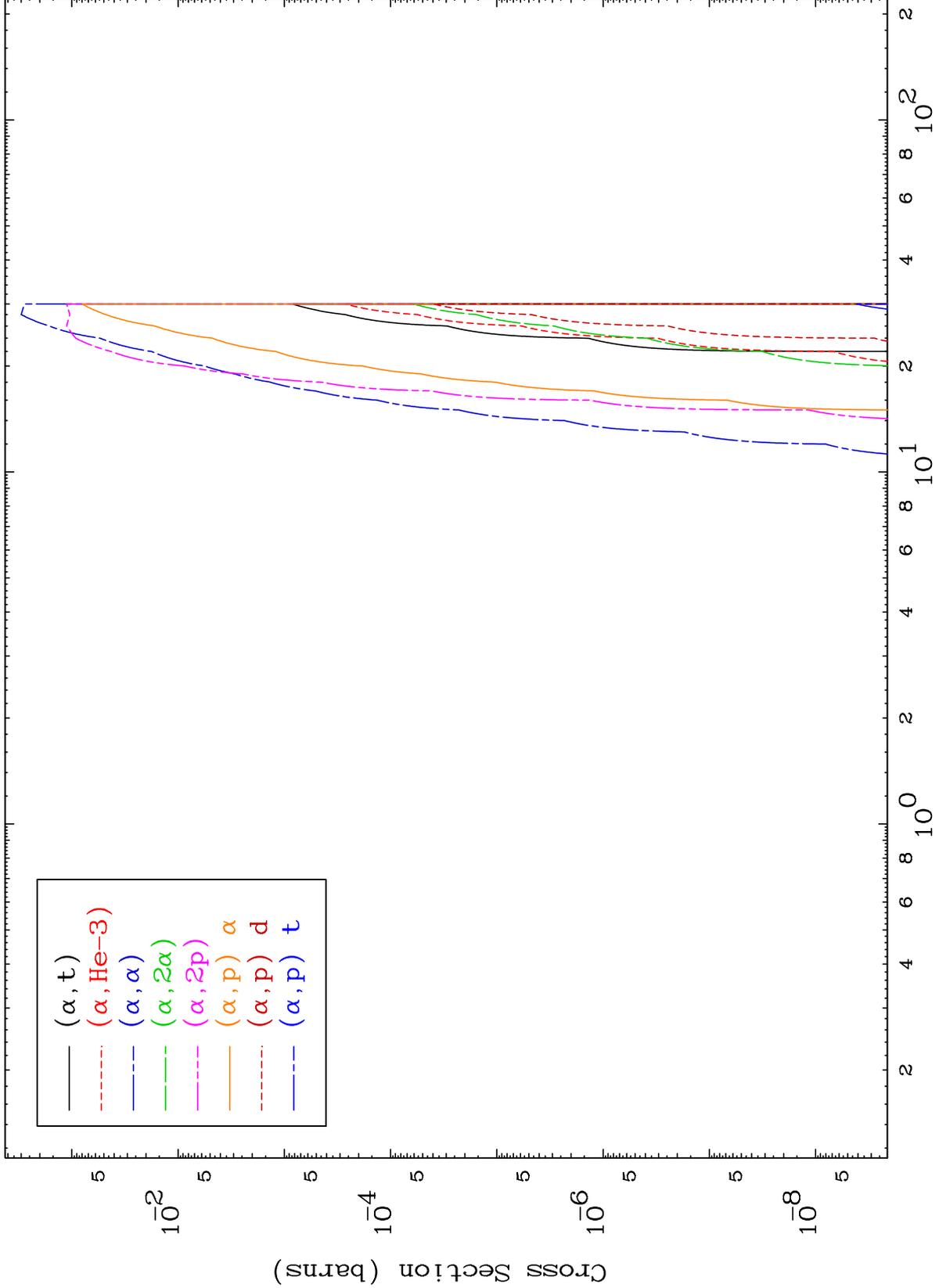




MAT 6117

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

61-Pm-136



61-Pm-136

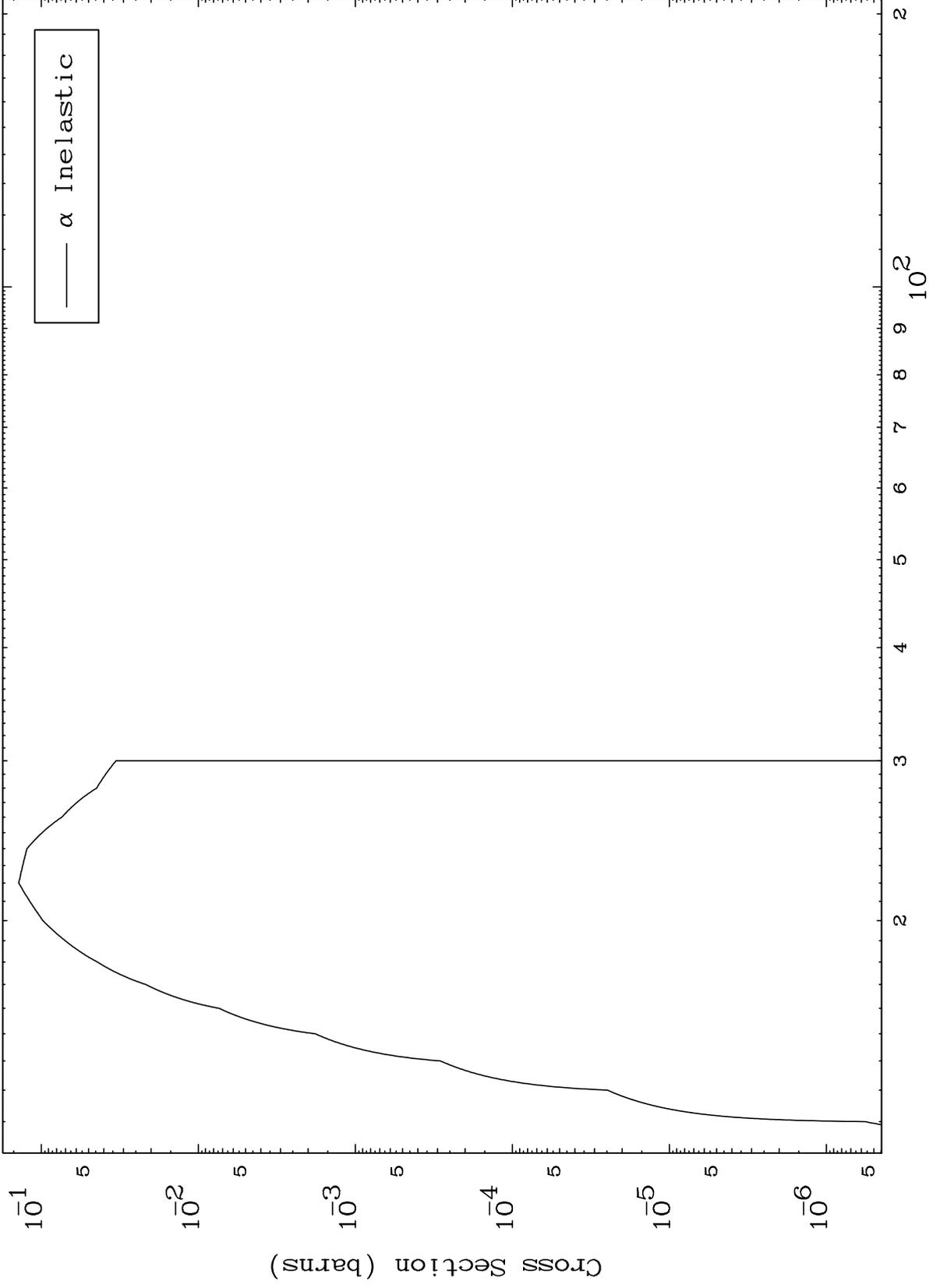
Incident Energy (MeV)

MAT 6117

( $\alpha, n'$ ) Level

61-Pm-136

0 Kelvin Cross Sections



5

Incident Energy (MeV)

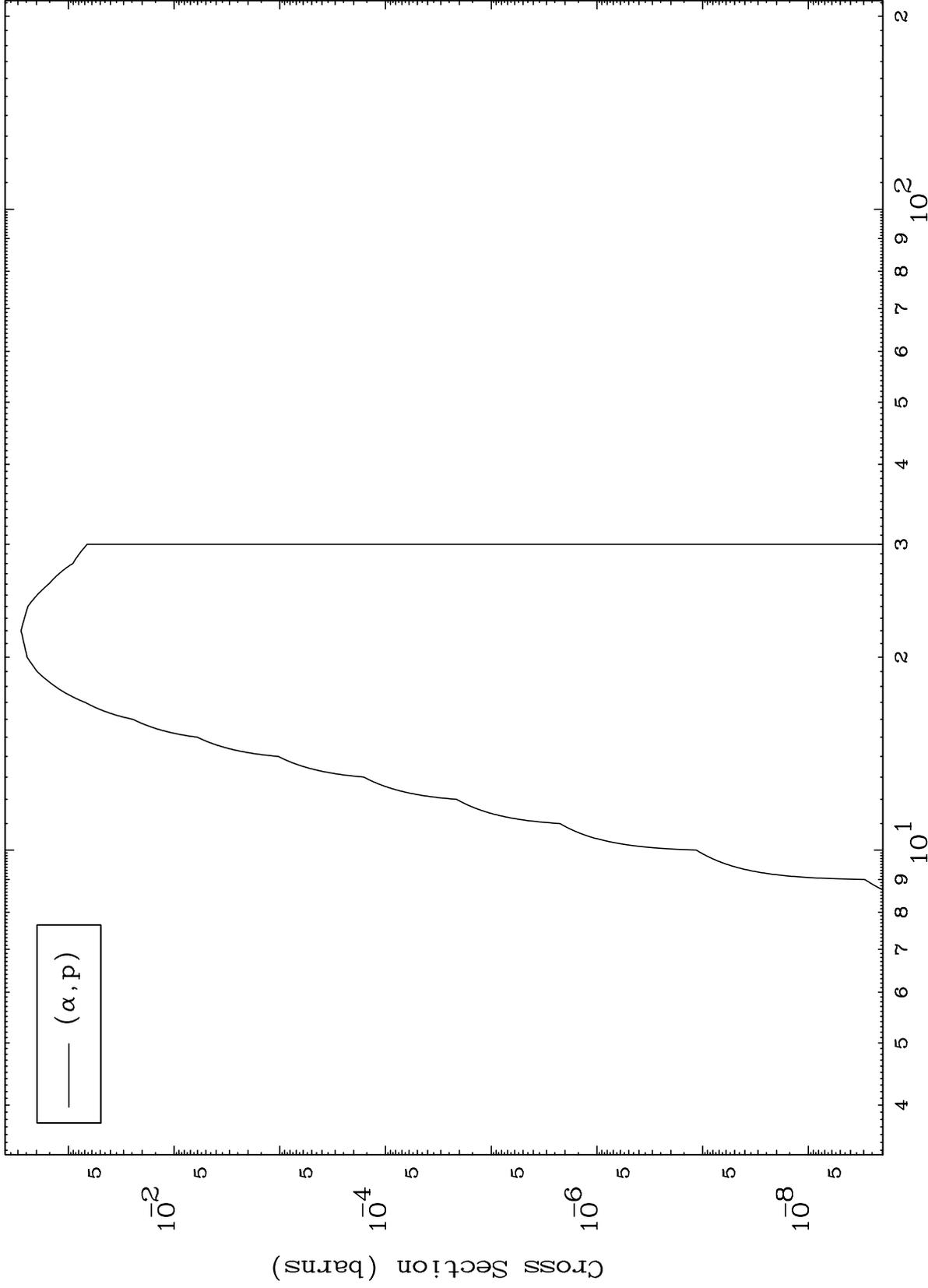
61-Pm-136

MAT 6117

( $\alpha, p$ ) Levels

61-Pm-136

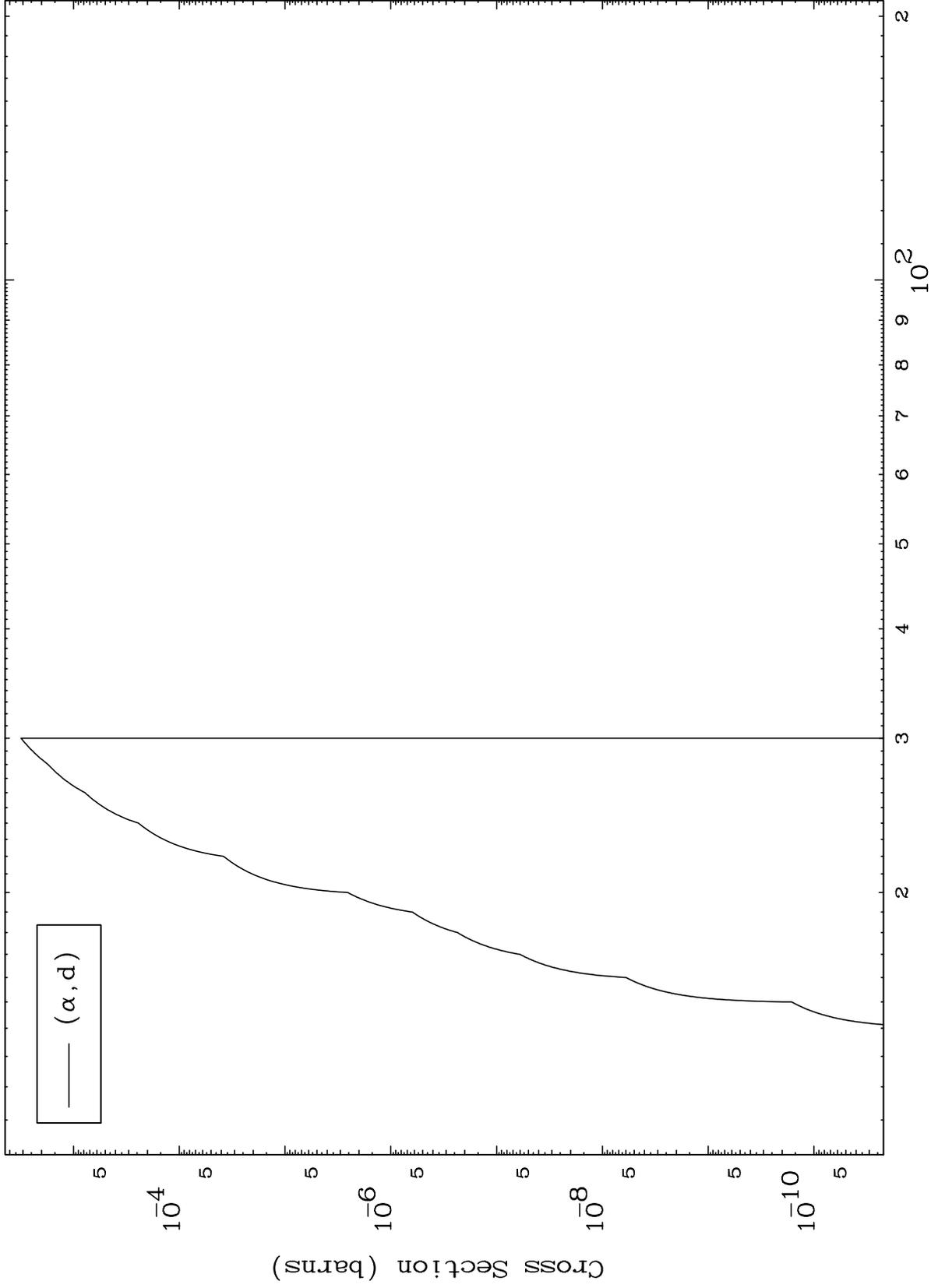
0 Kelvin Cross Sections



6

Incident Energy (MeV)

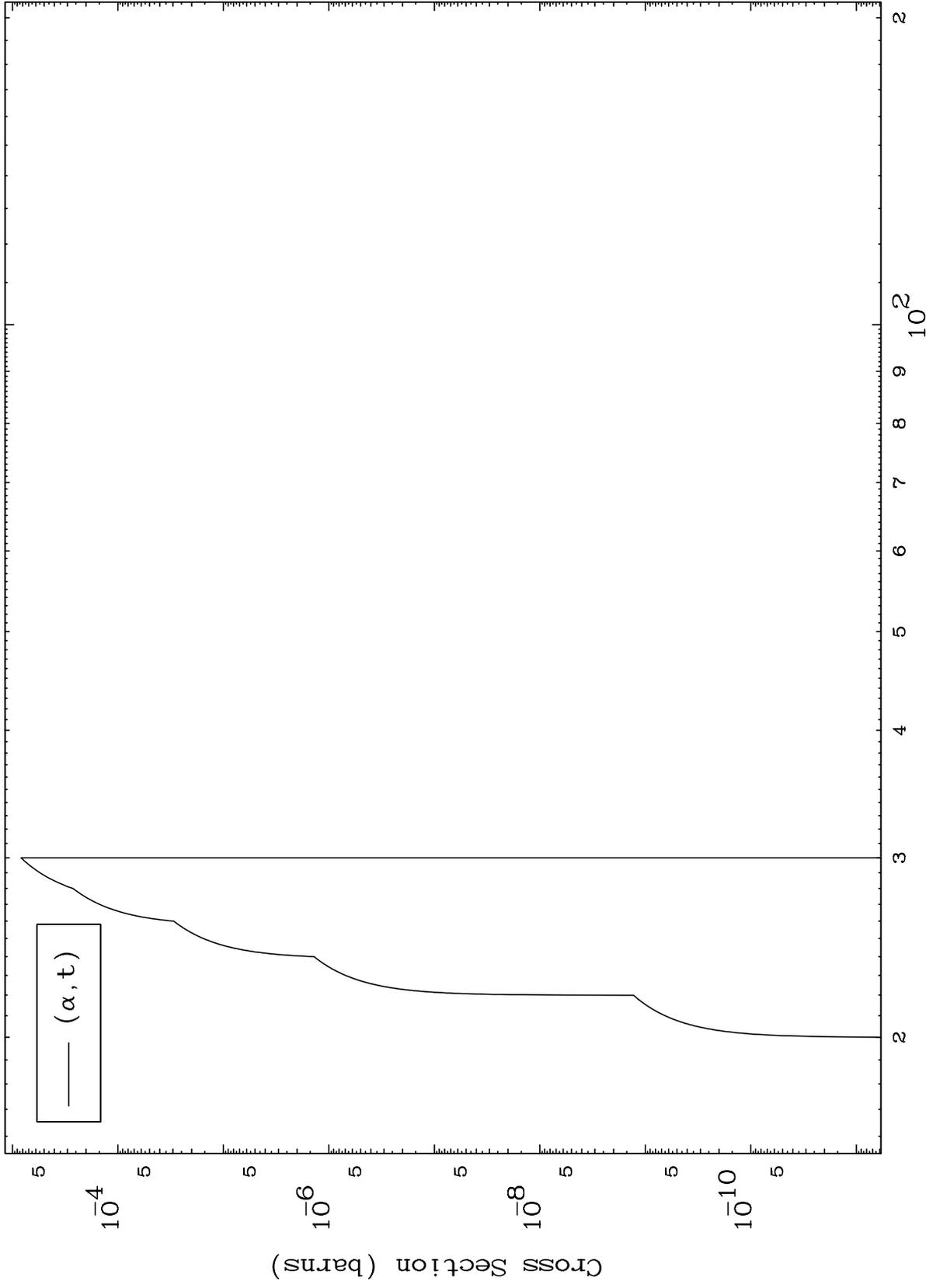
61-Pm-136



MAT 6117

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

61-Pm-136



8

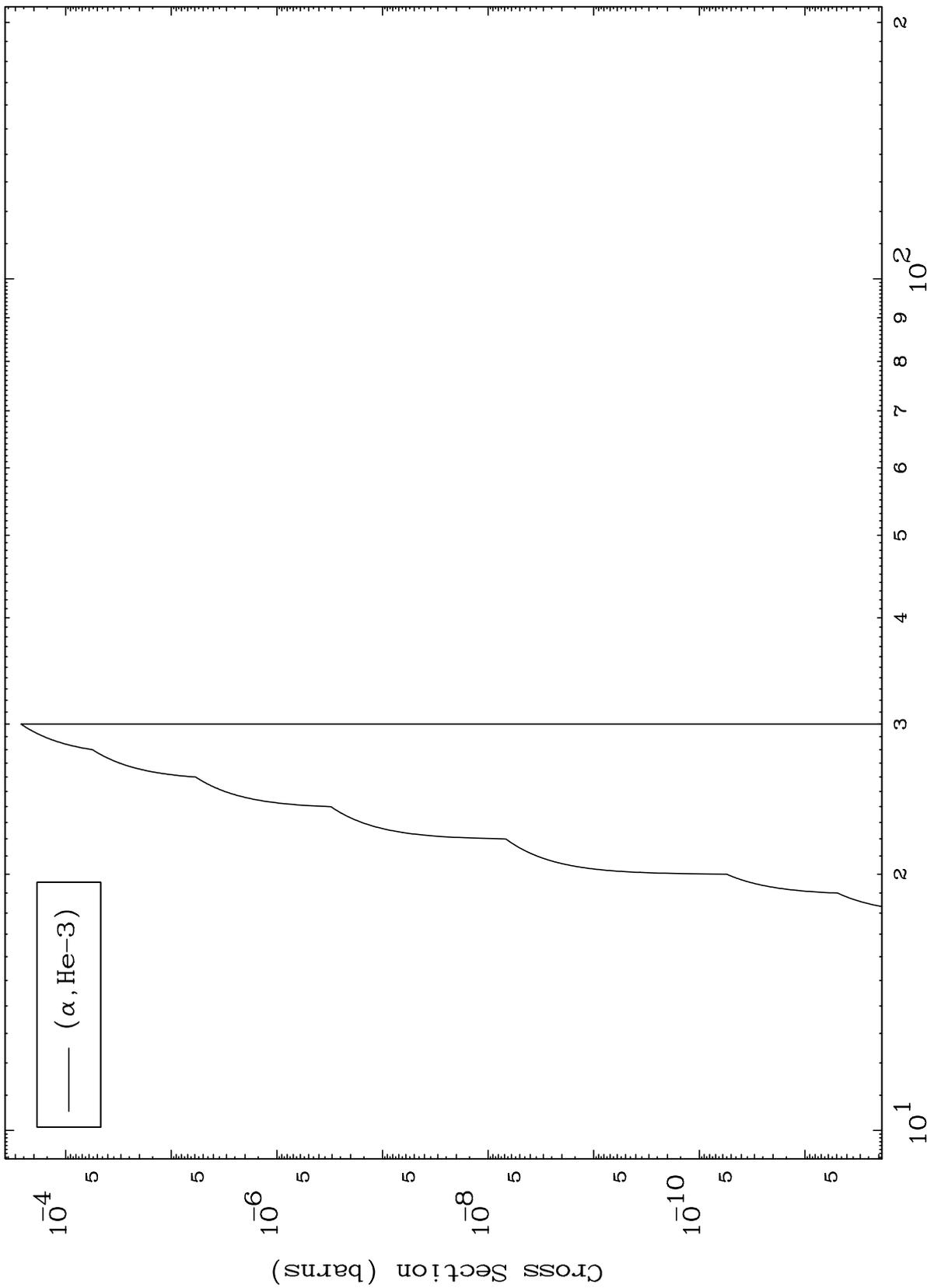
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections



61-Pm-136

Incident Energy (MeV)

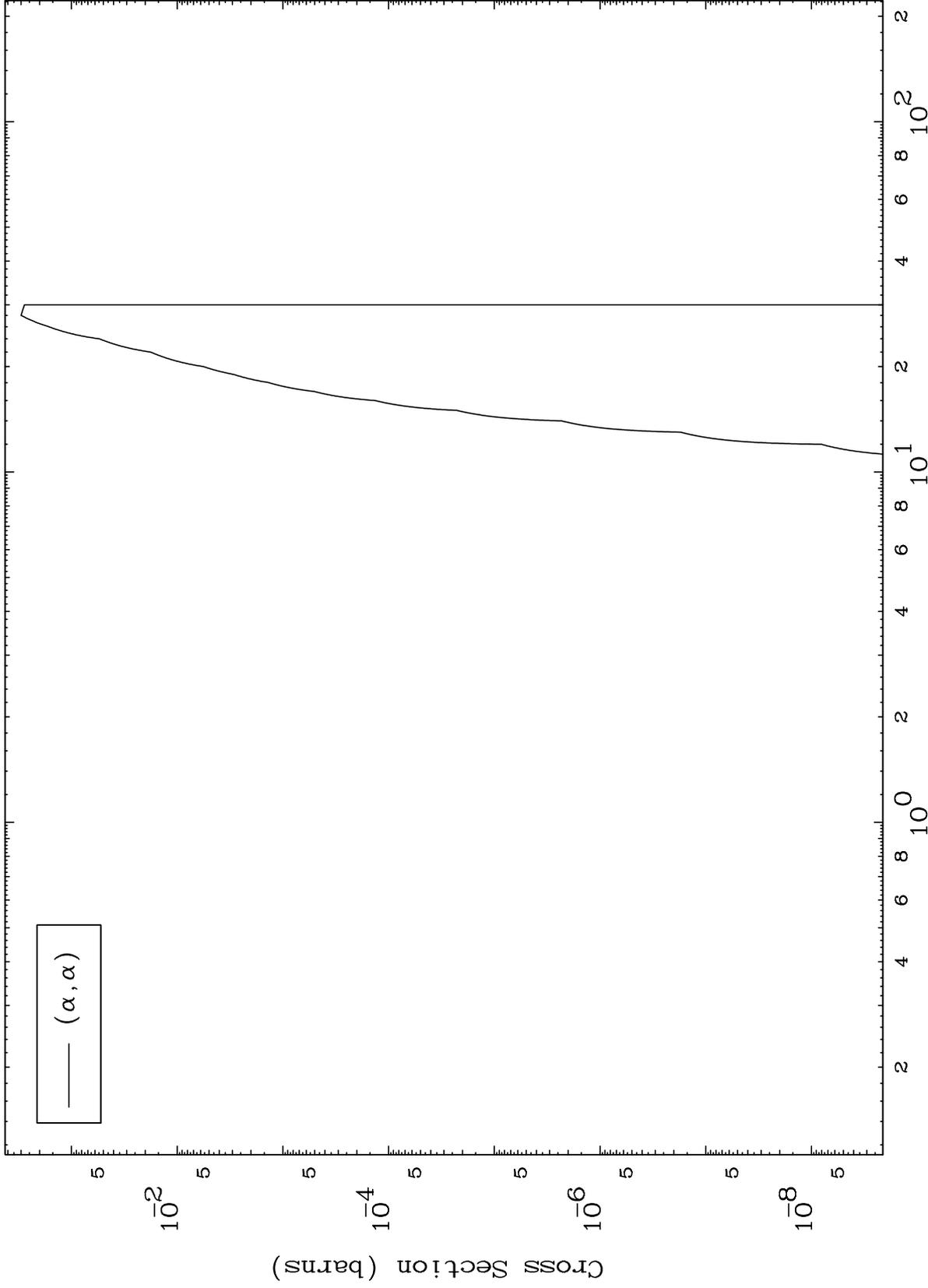
9

MAT 6117

( $\alpha, \alpha$ ) Levels

61-Pm-136

0 Kelvin Cross Sections



10

Incident Energy (MeV)

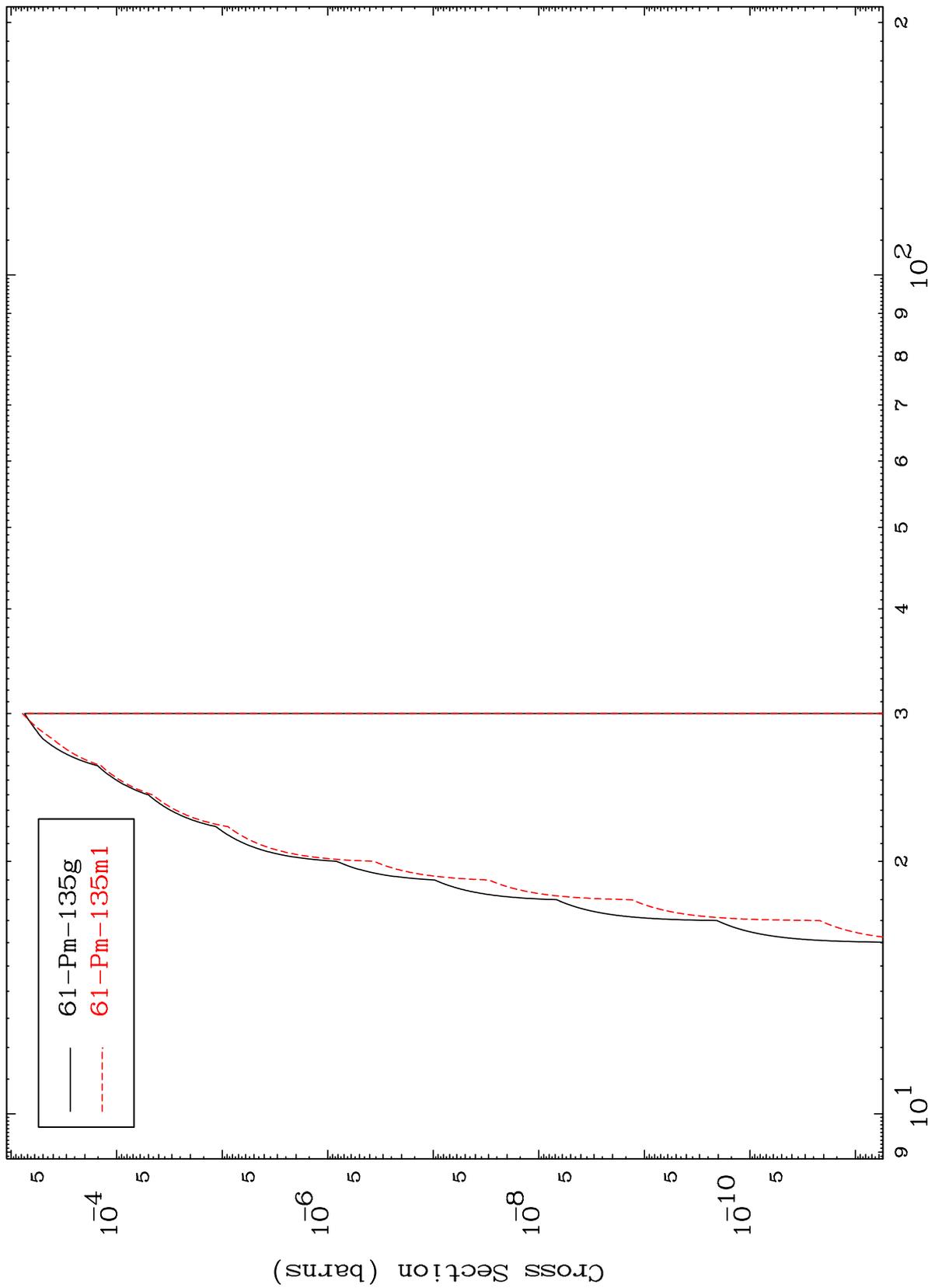
61-Pm-136

MAT 6117

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

61-Pm-136

Radionuclide Production Cross Section



11

Incident Energy (MeV)

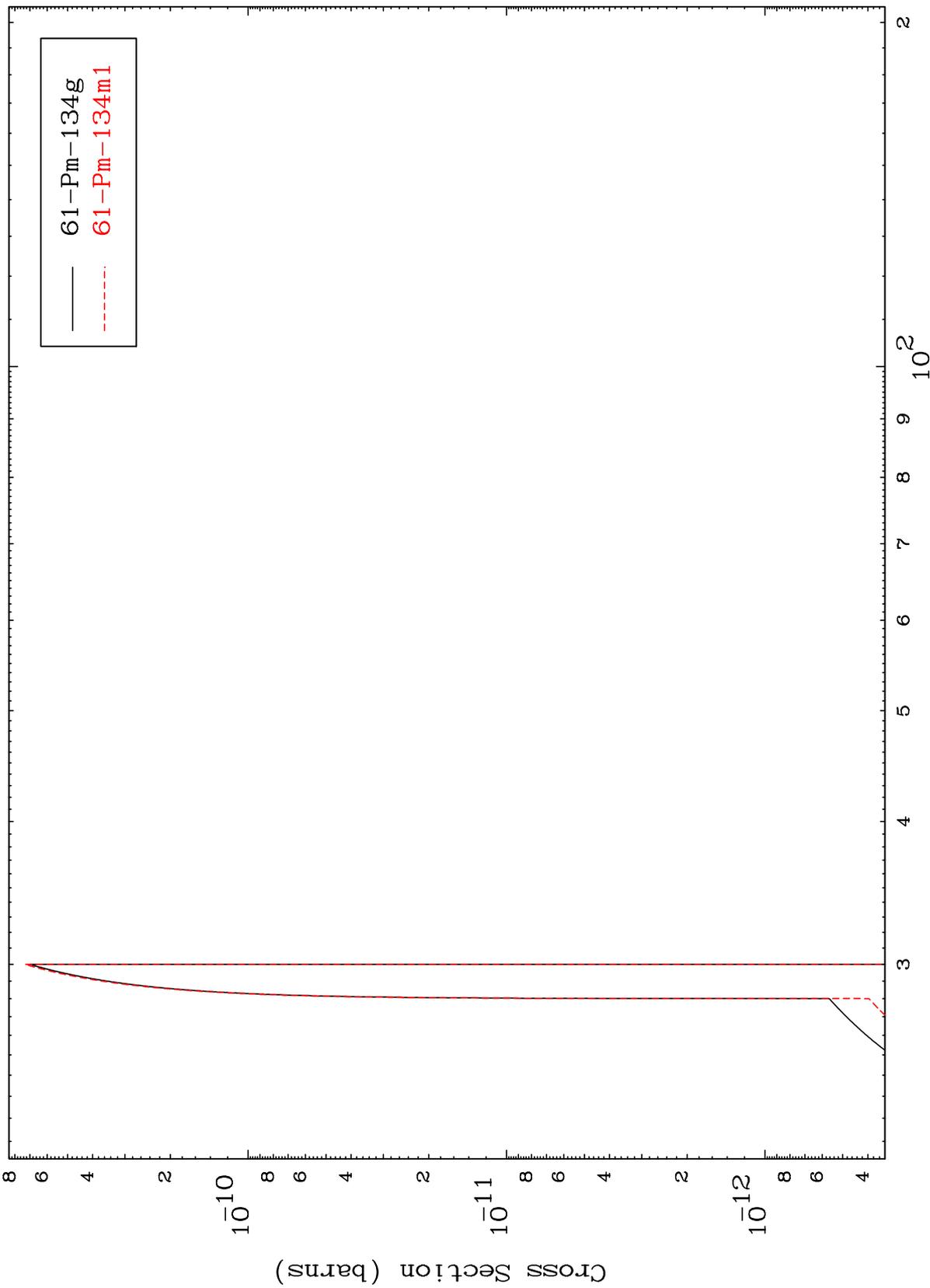
61-Pm-136

MAT 6117

$(\alpha, 2n) \alpha$

61-Pm-136

Radionuclide Production Cross Section



12

Incident Energy (MeV)

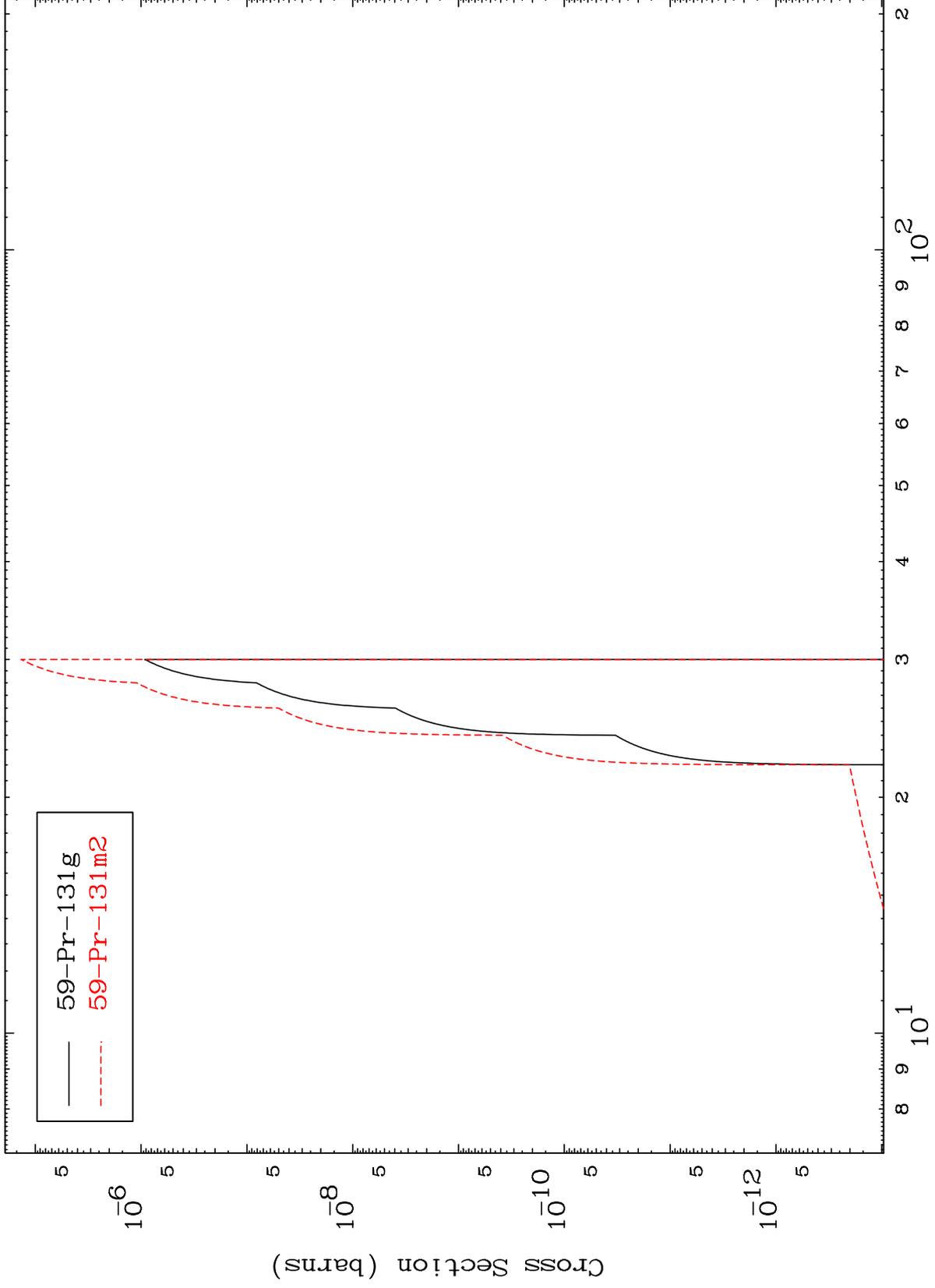
61-Pm-136

MAT 6117

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

61-Pm-136

Radionuclide Production Cross Section



13

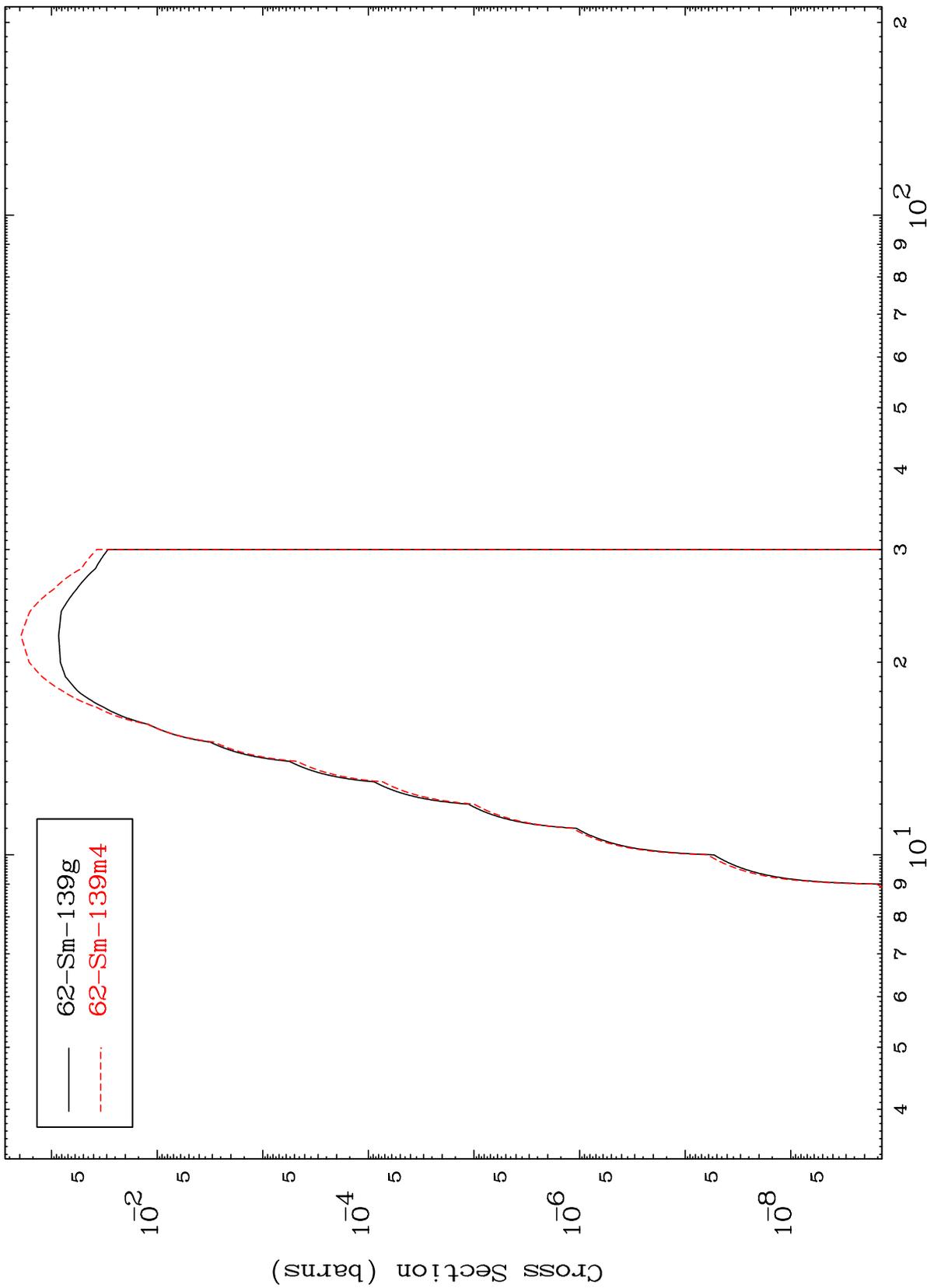
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

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



14

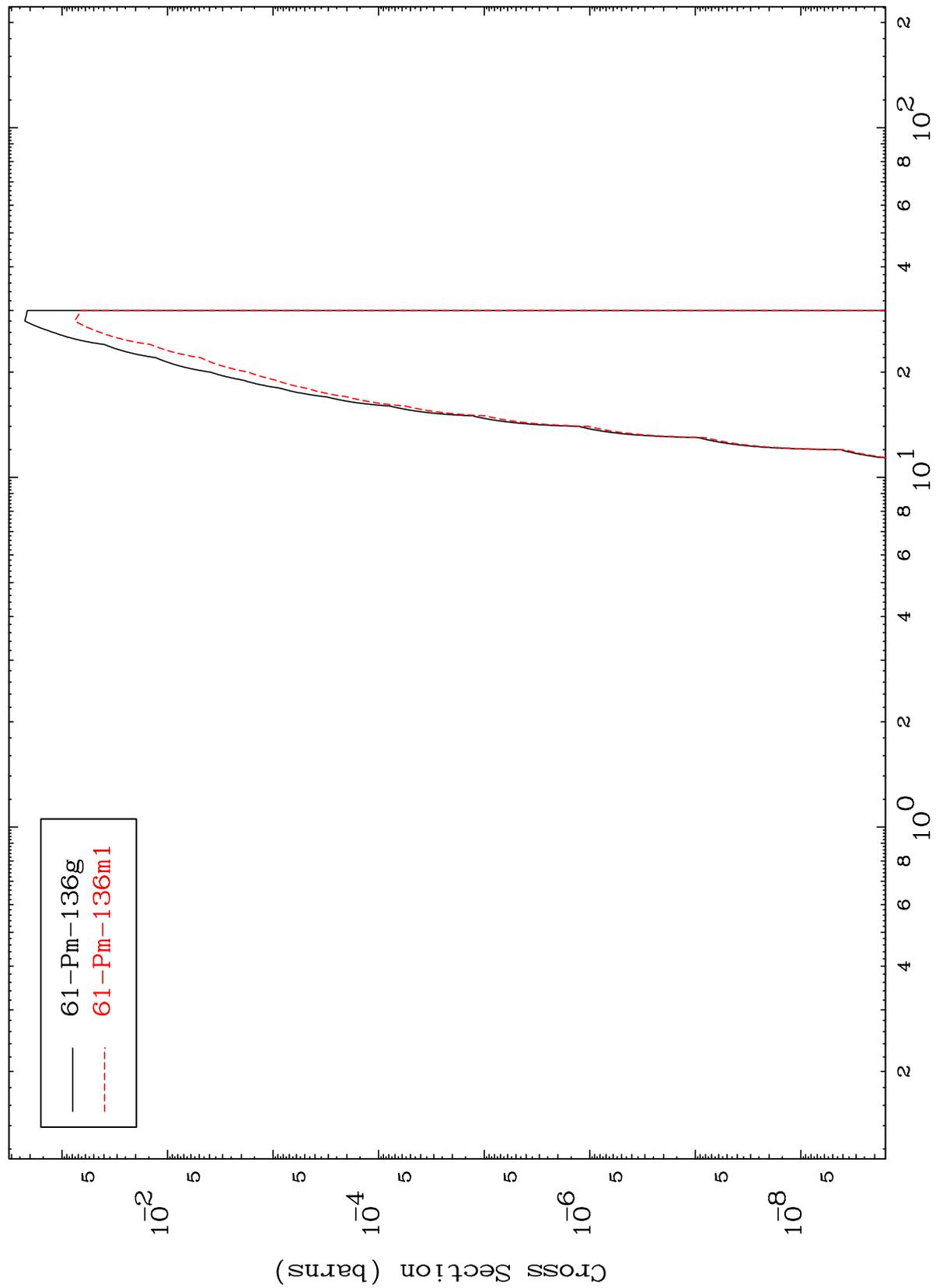
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

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



61-Pm-136g  
61-Pm-136m1

15

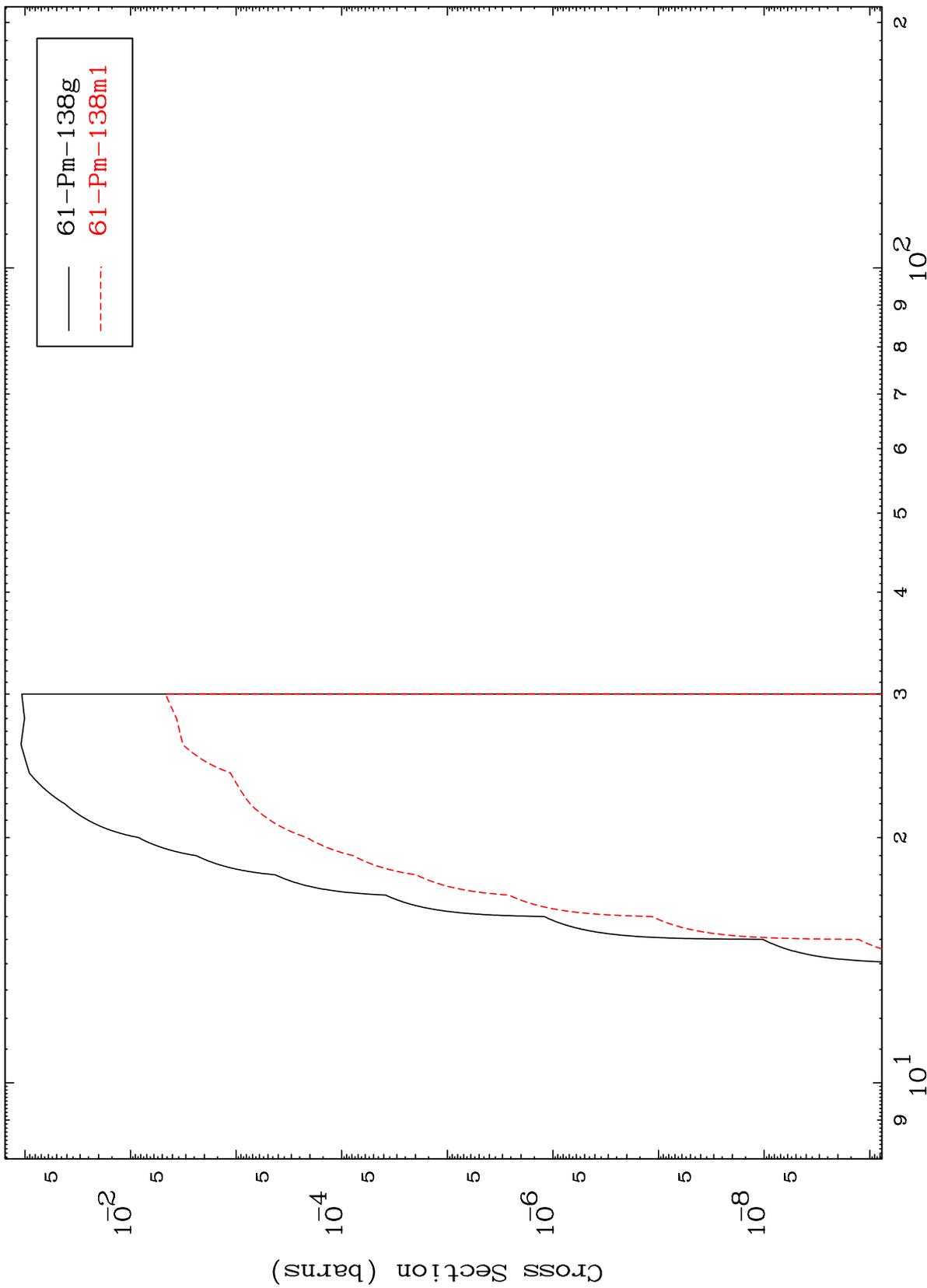
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

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



16

Incident Energy (MeV)

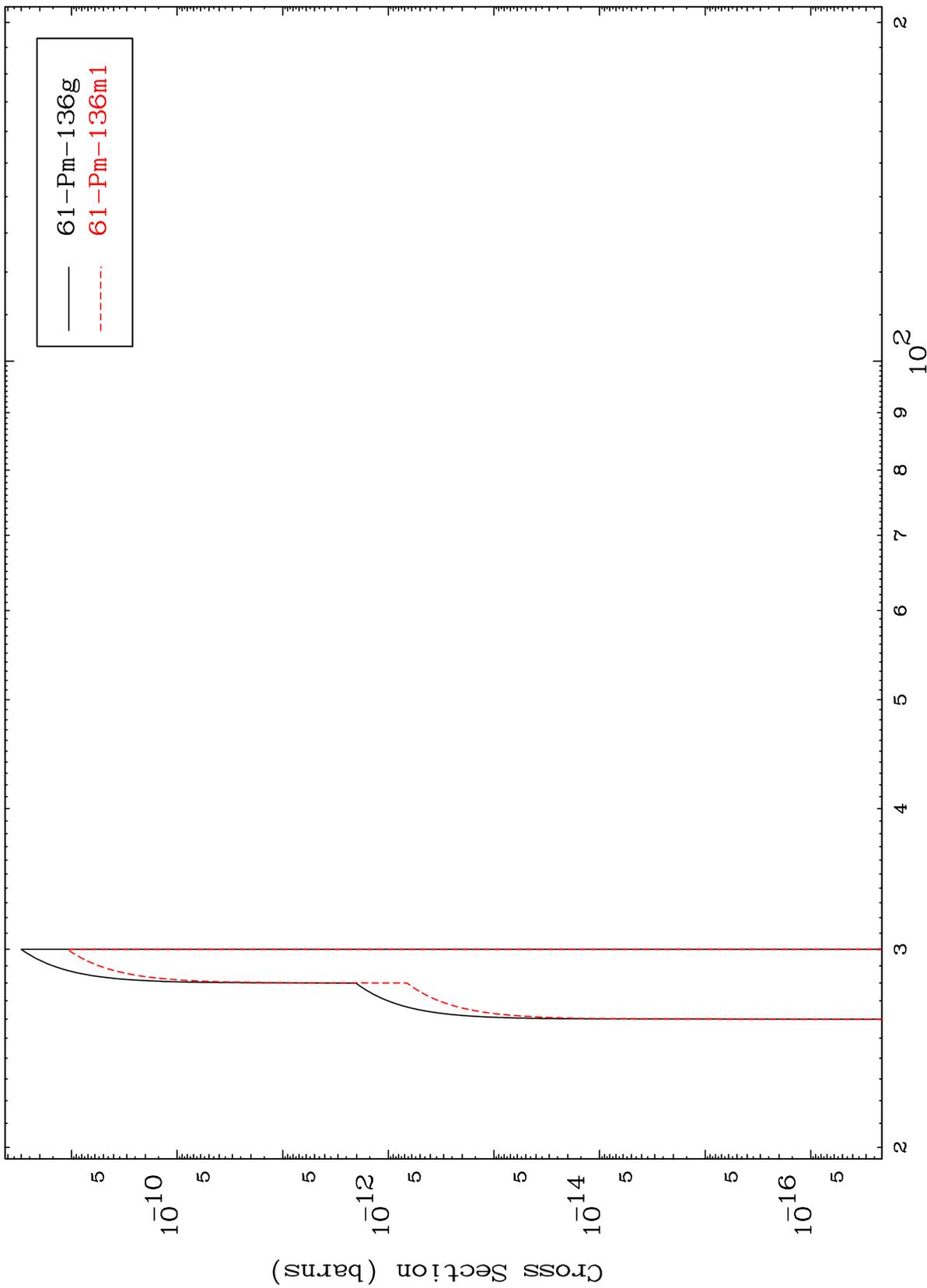
61-Pm-136

MAT 6117

( $\alpha, p$ ) t

61-Pm-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

61-Pm-136