

Program EVALPLOT  
(Version 2018-1)

by

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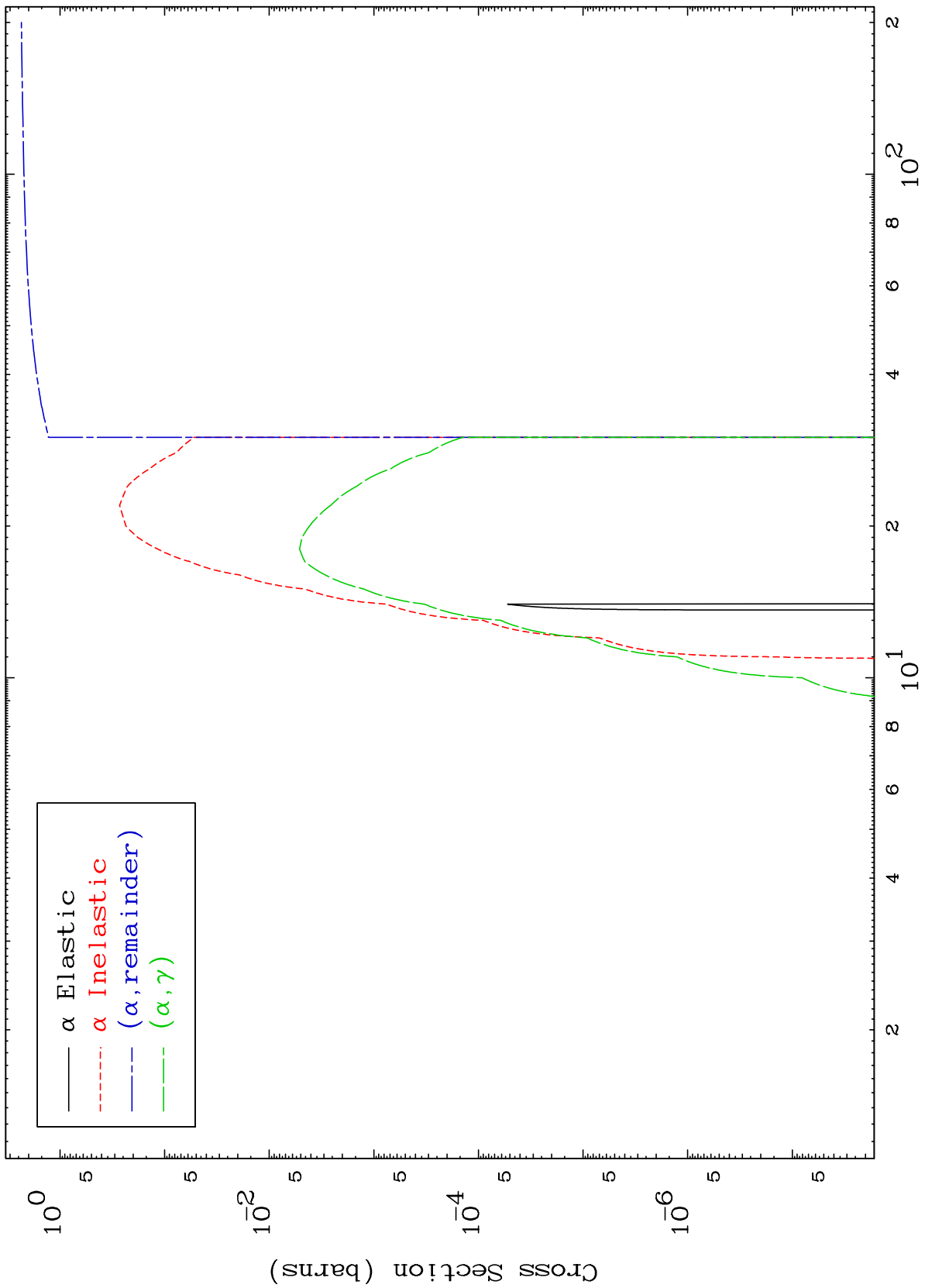
Press Mouse Button to Start

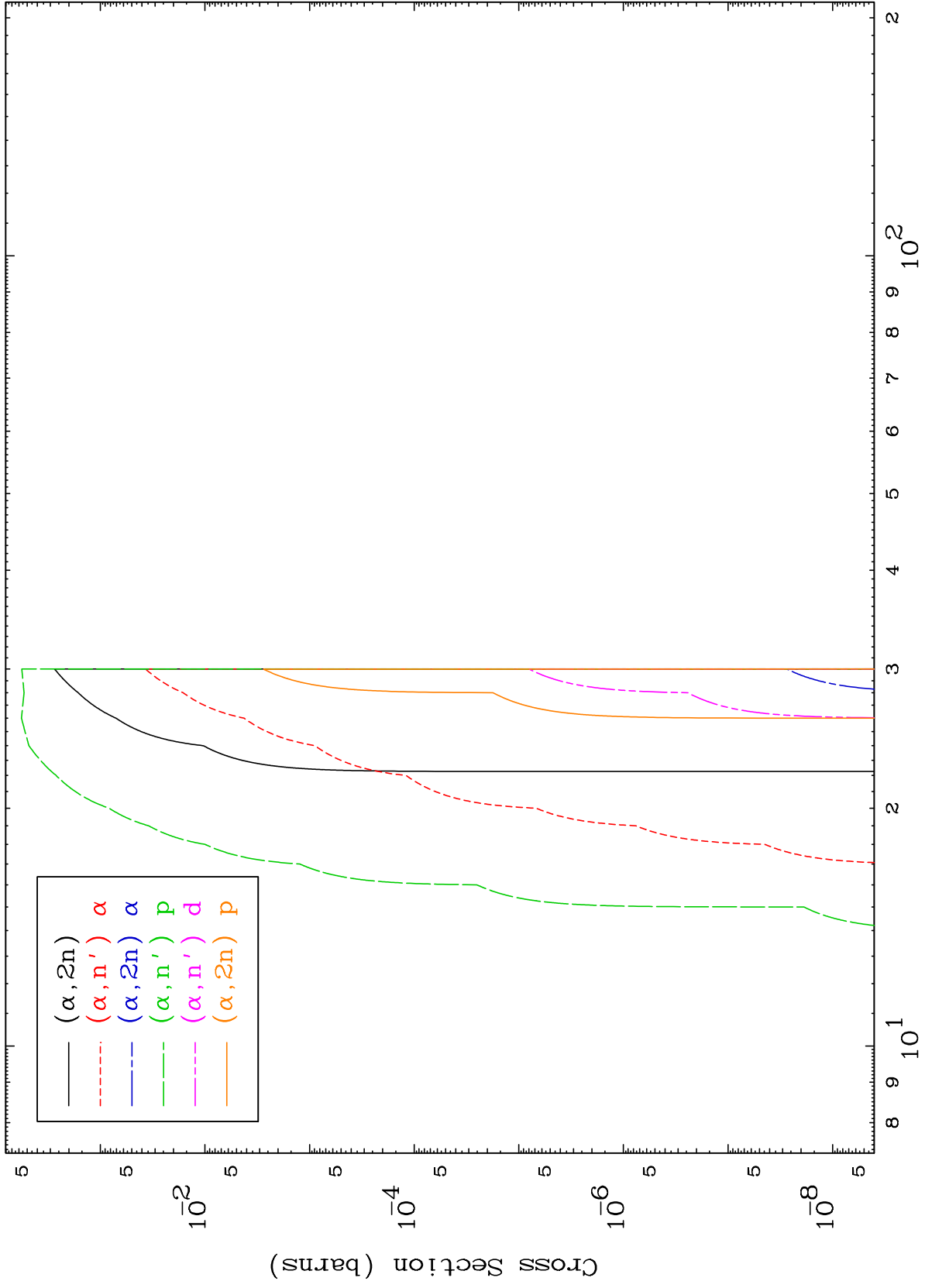
MAT 6123

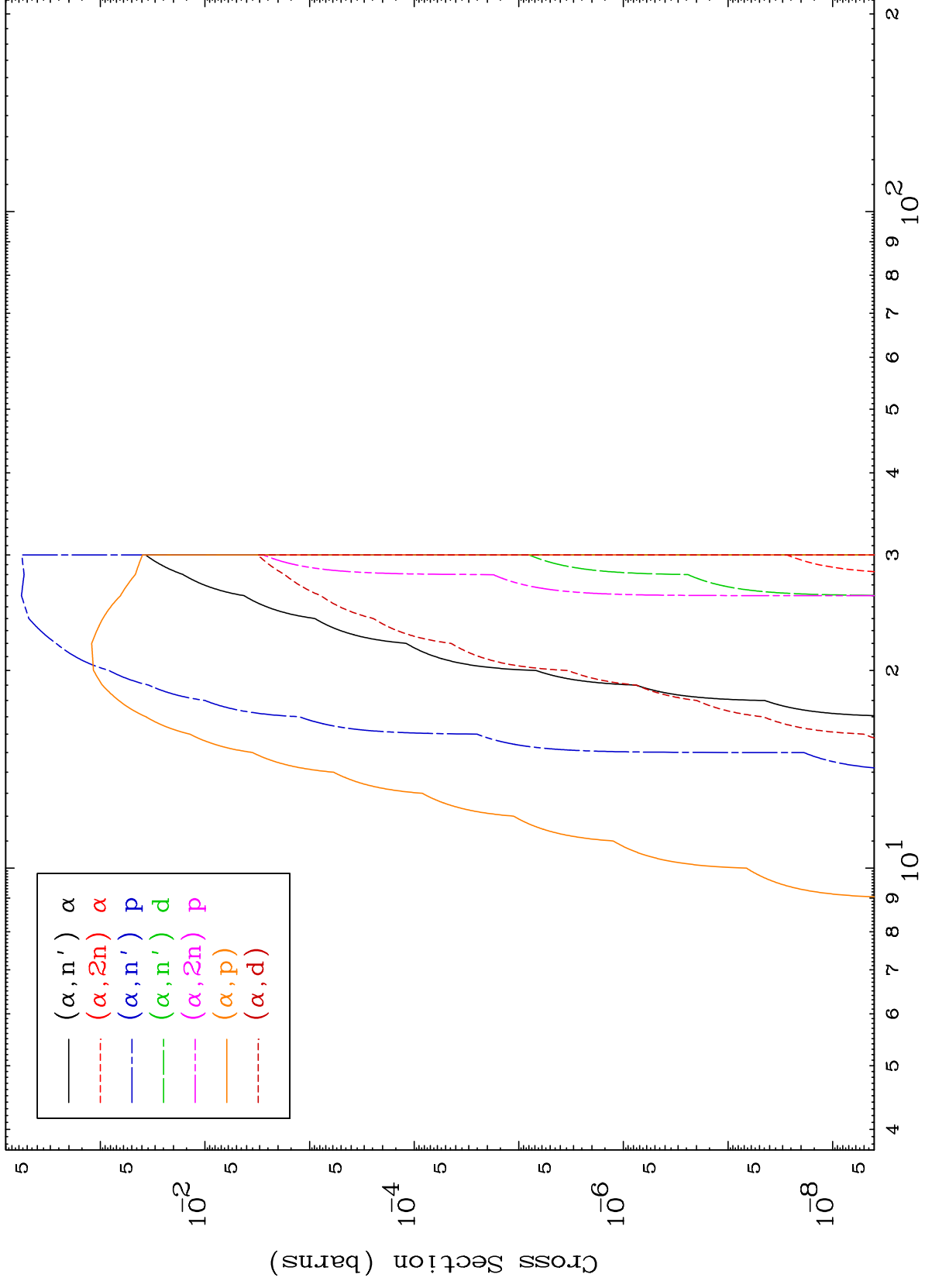
$\alpha$  Major

61-Pm-138

0 Kelvin Cross Sections



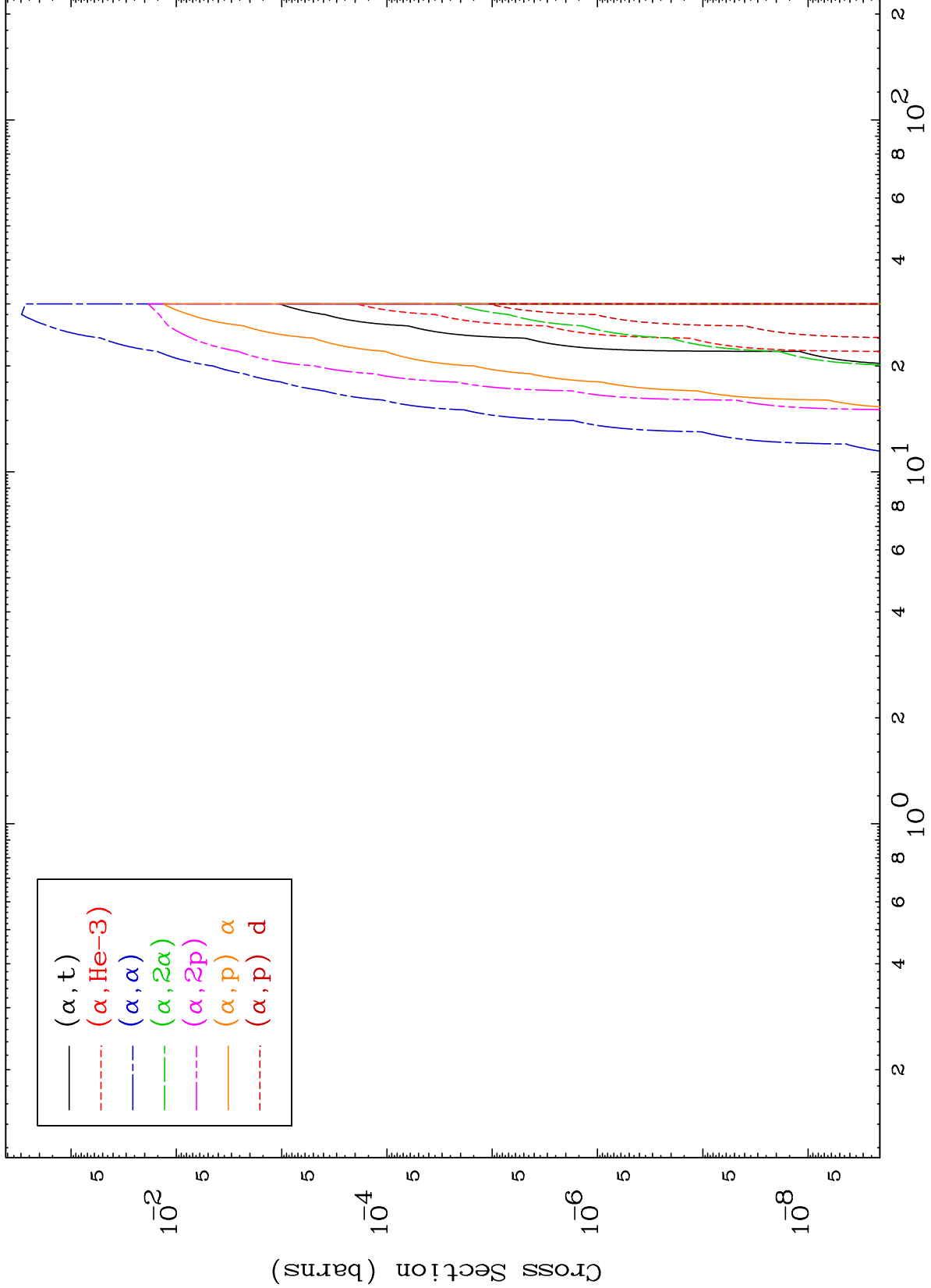




MAT 6123

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

61-Pm-138

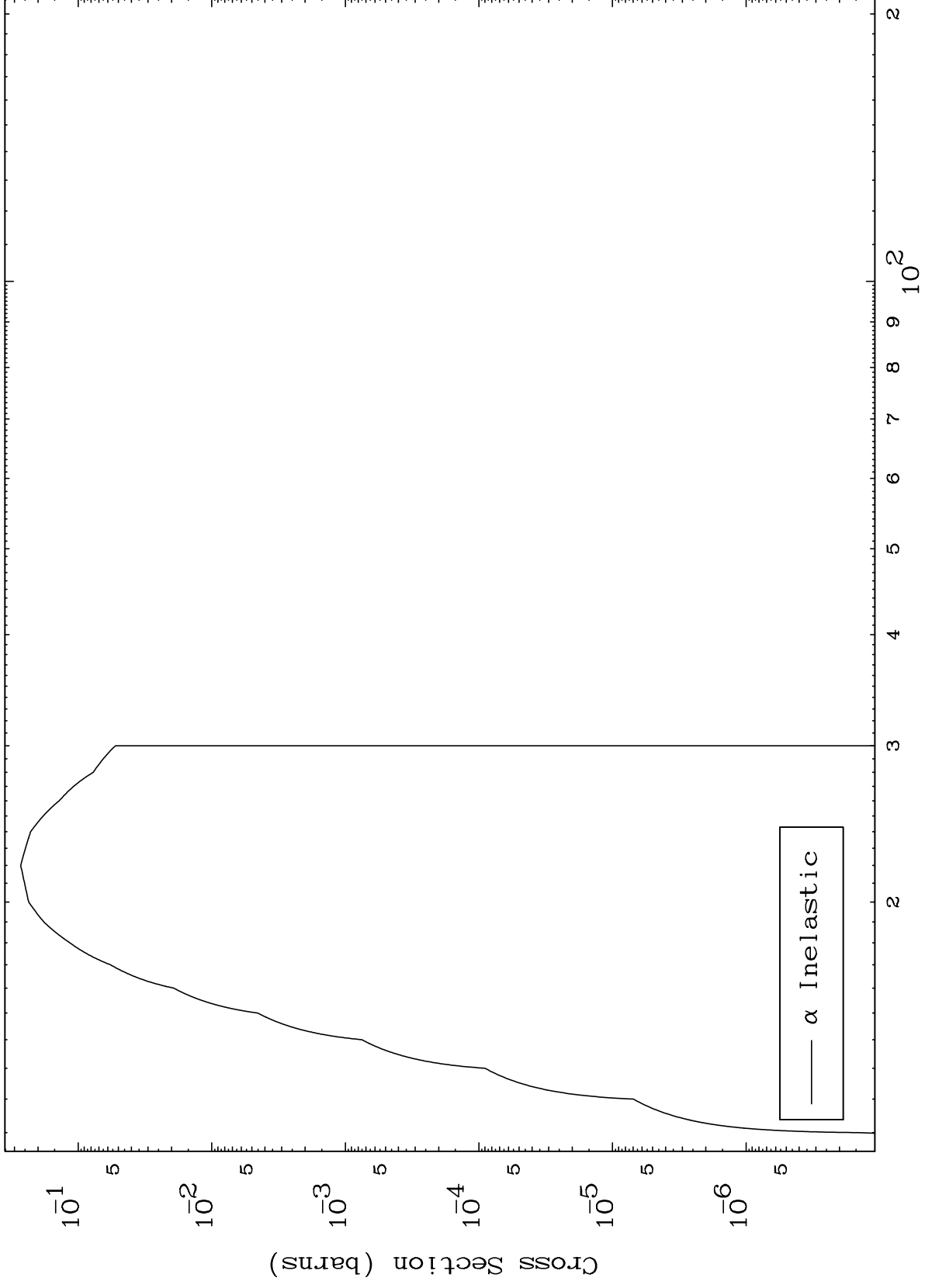


MAT 6123

( $\alpha, n'$ ) Level

61-Pm-138

0 Kelvin Cross Sections



5

Incident Energy (MeV)

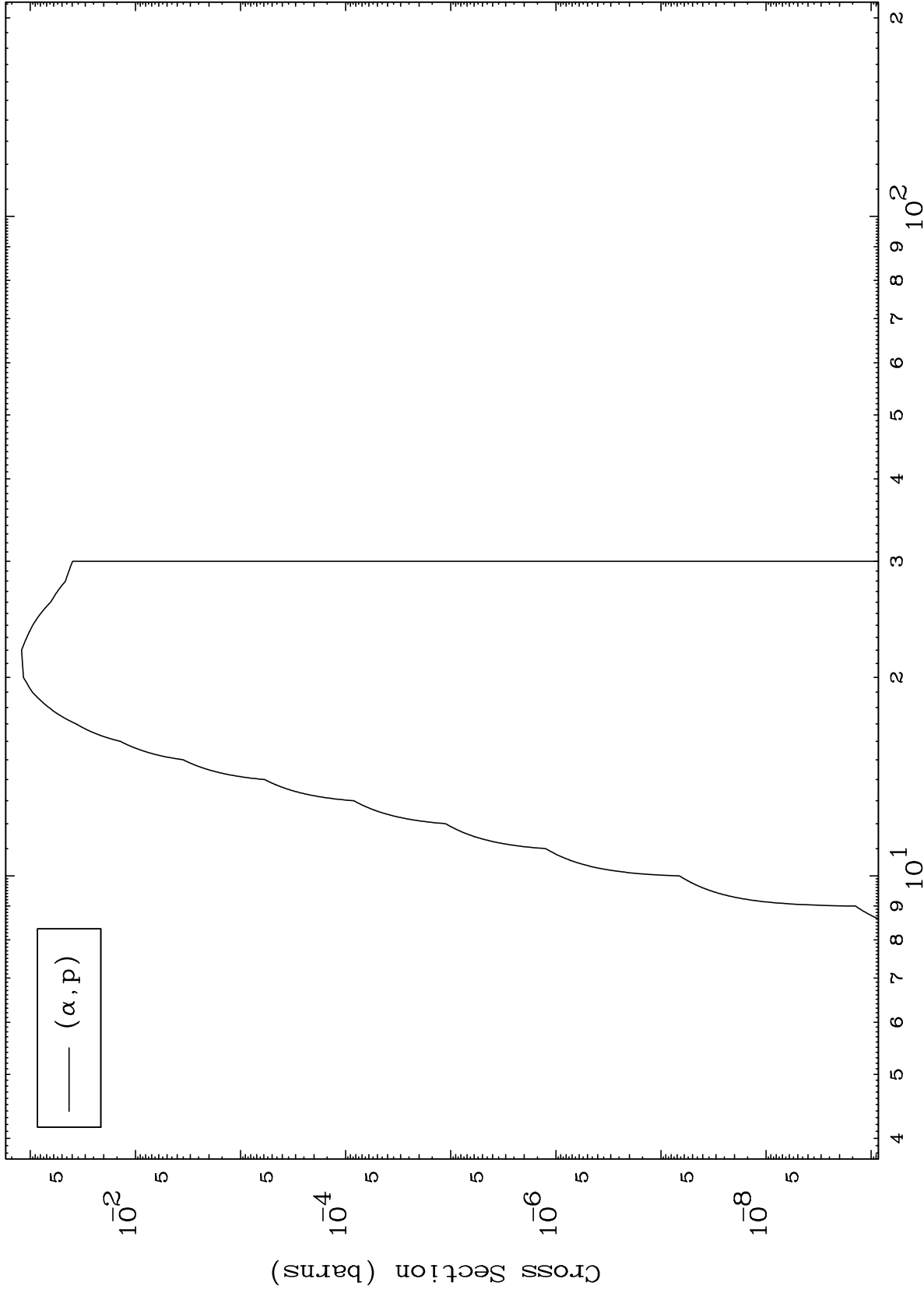
61-Pm-138

MAT 6123

( $\alpha, p$ ) Levels

61-Pm-138

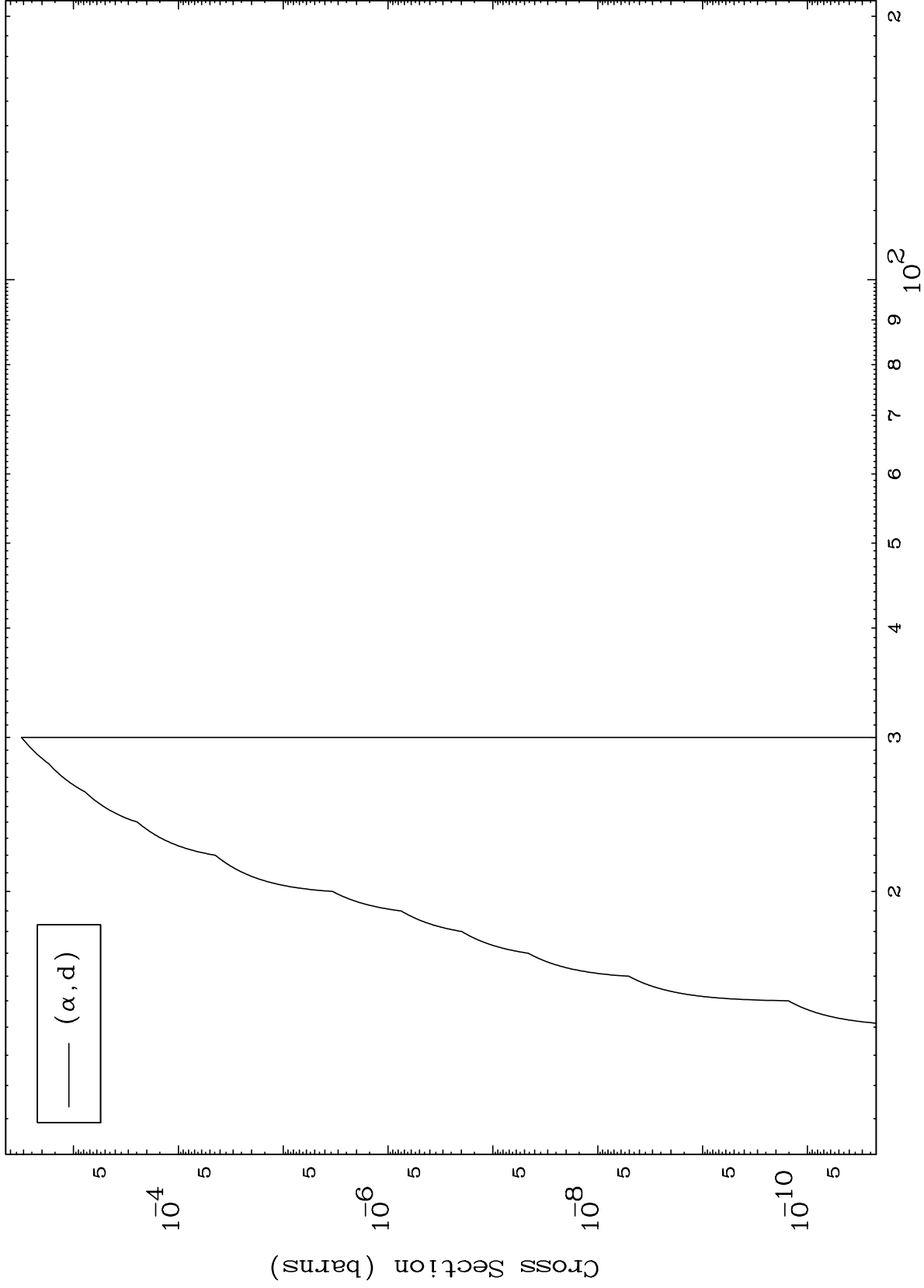
0 Kelvin Cross Sections



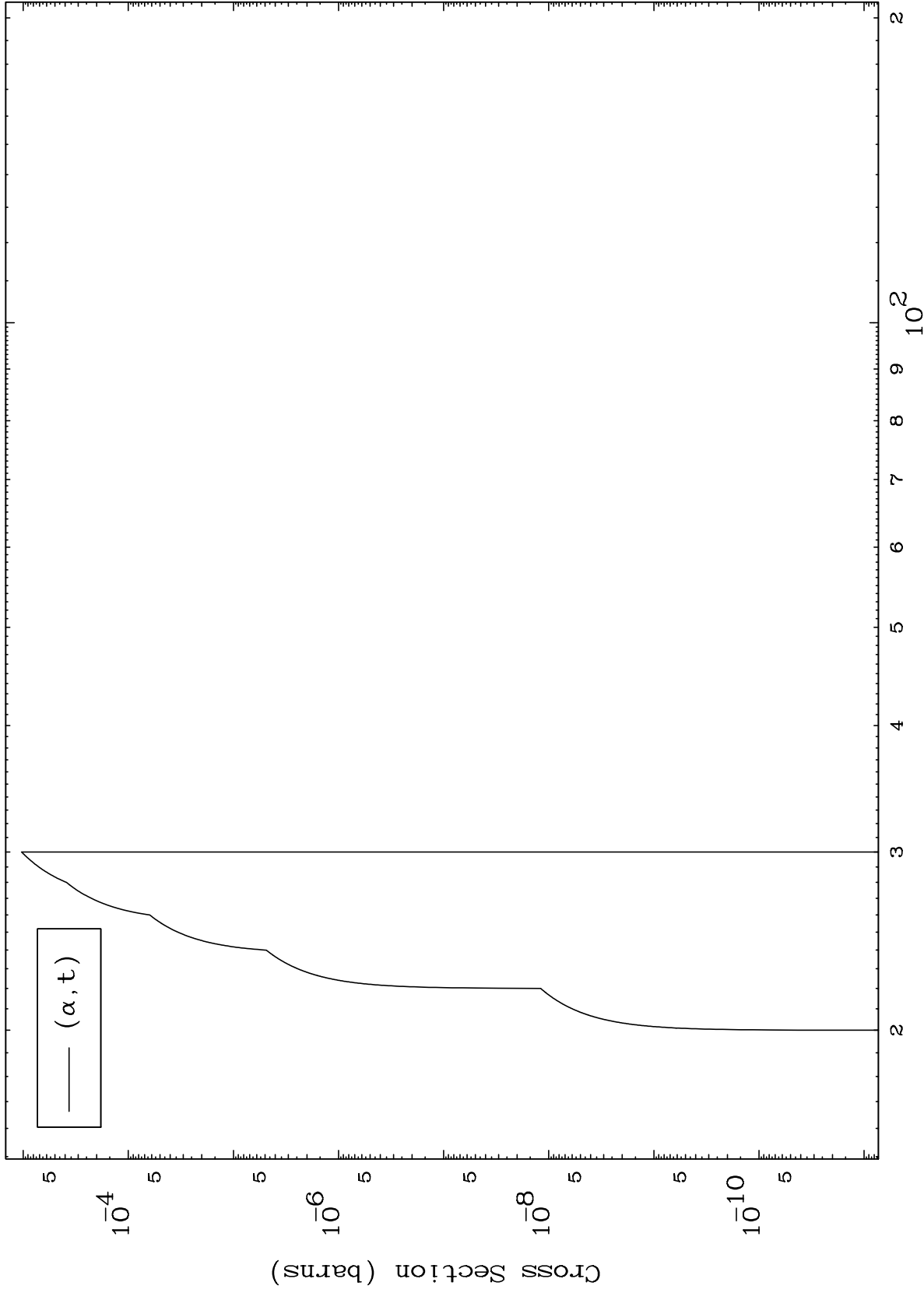
Incident Energy (MeV)

61-Pm-138

6



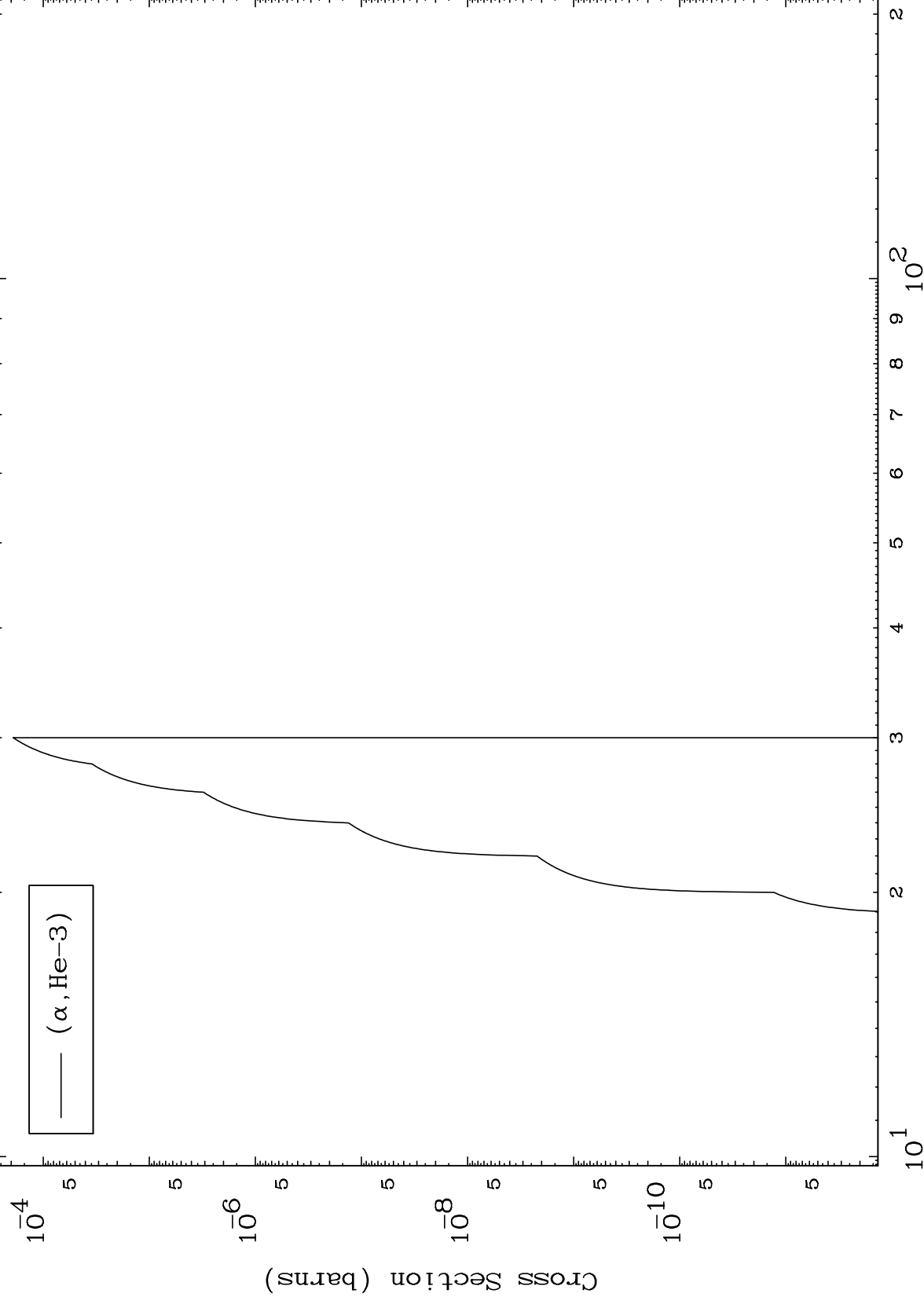




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( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

61-Pm-138



Incident Energy (MeV)

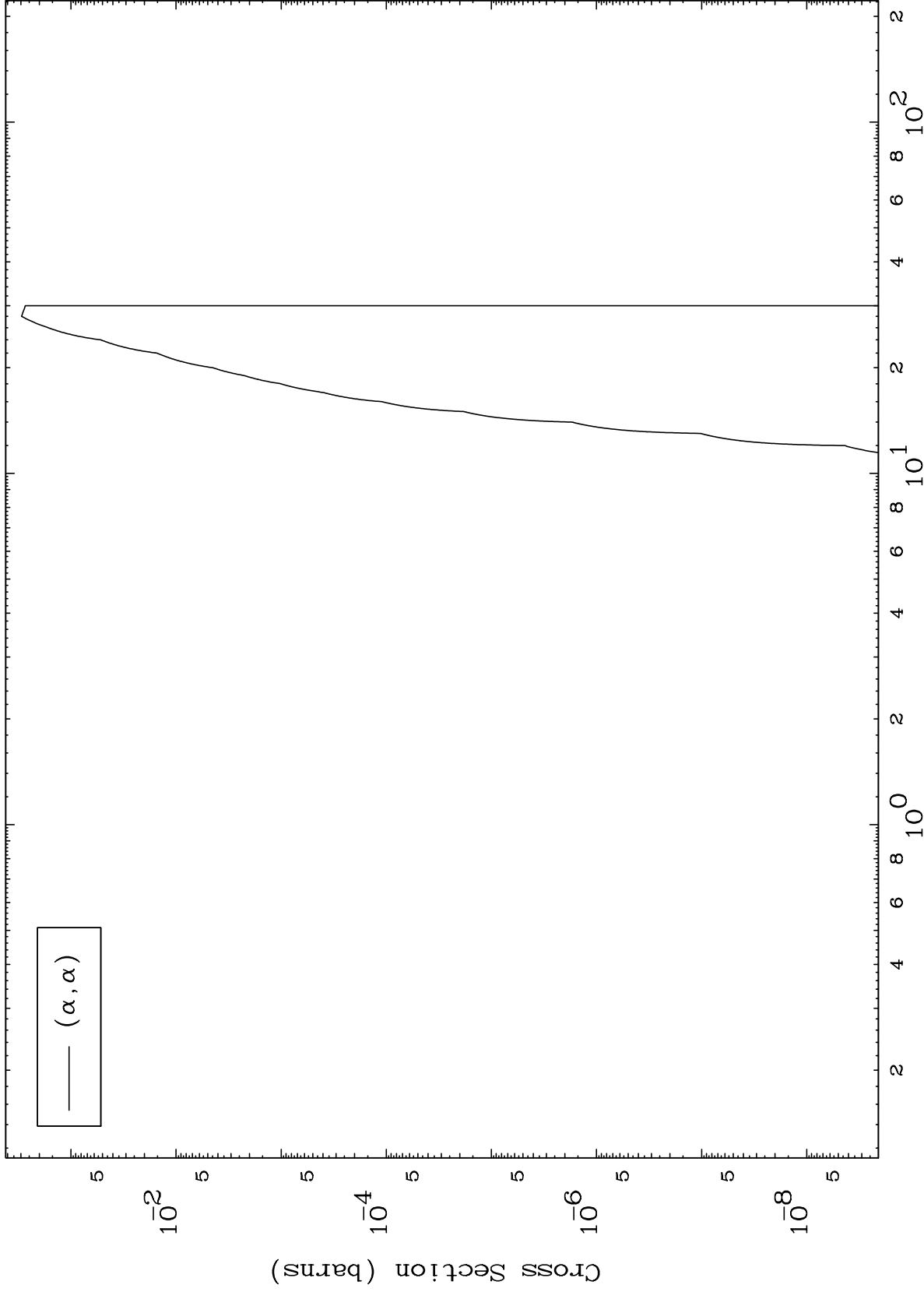
61-Pm-138

MAT 6123

( $\alpha, \alpha$ ) Levels

61-Pm-138

0 Kelvin Cross Sections

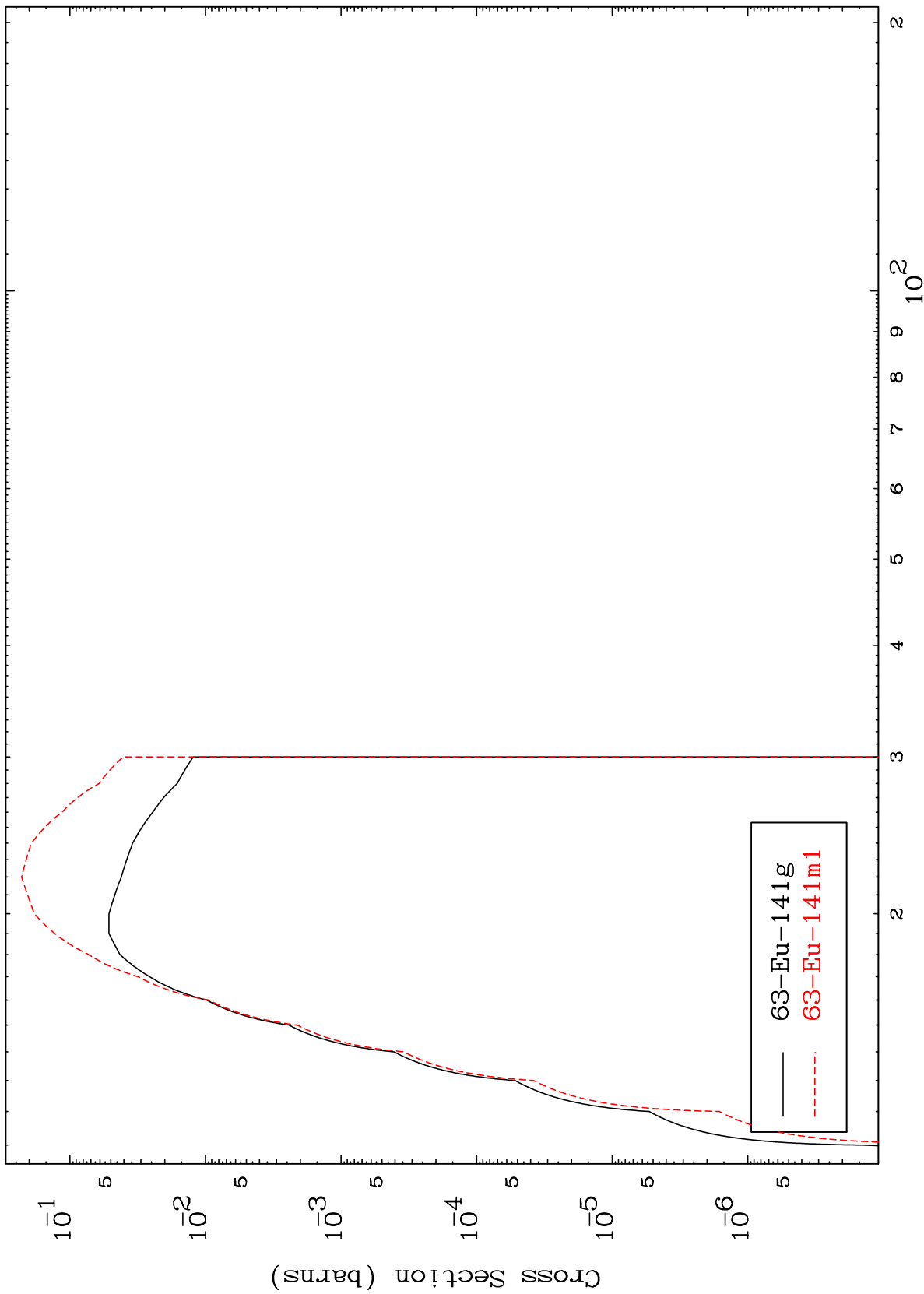


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Incident Energy (MeV)

61-Pm-138

Radionuclide Production Cross Section  
 $\alpha$  Inelastic

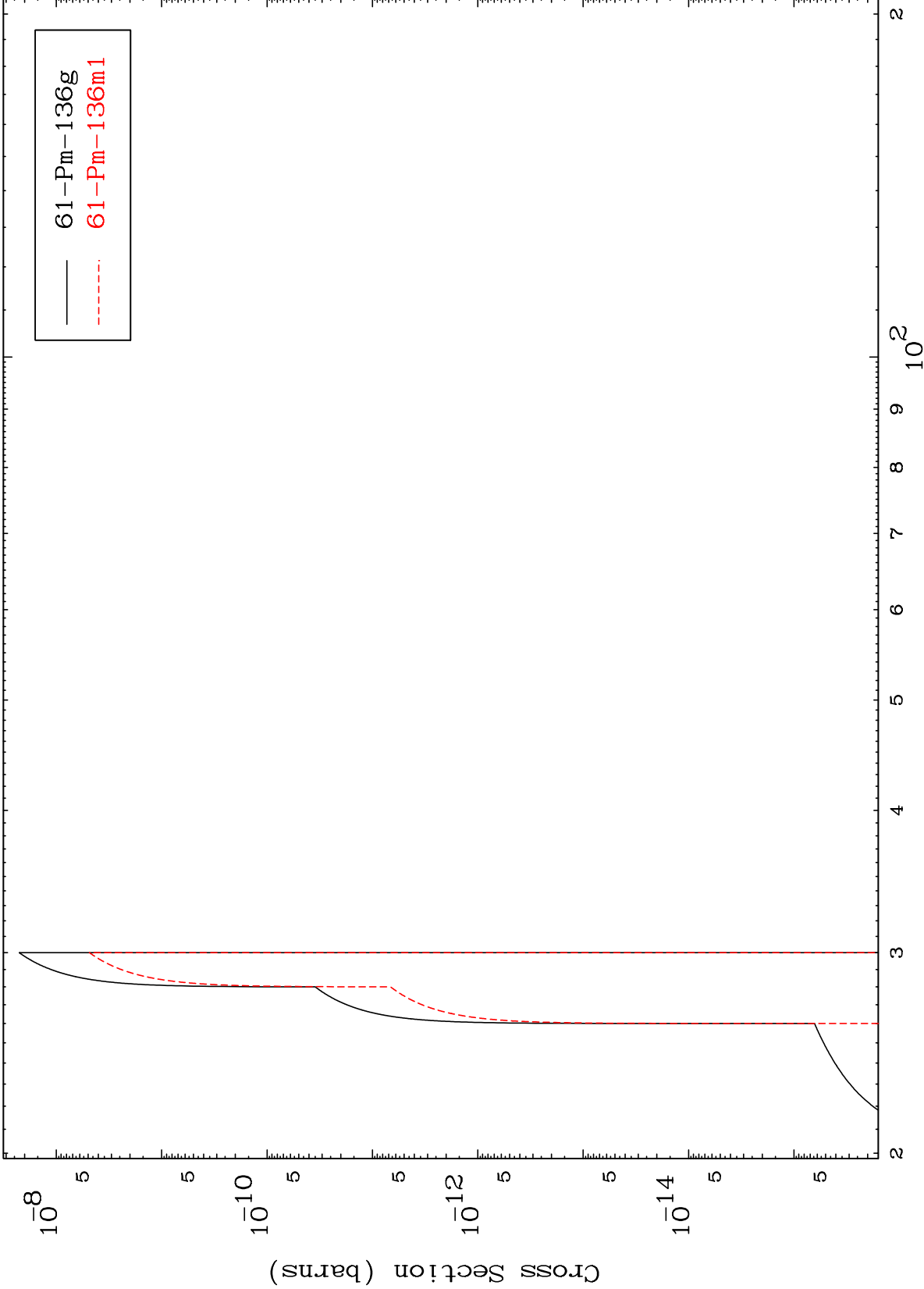


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$(\alpha, 2n)$   $\alpha$

61-Pm-138

Radionuclide Production Cross Section



12

Incident Energy (MeV)

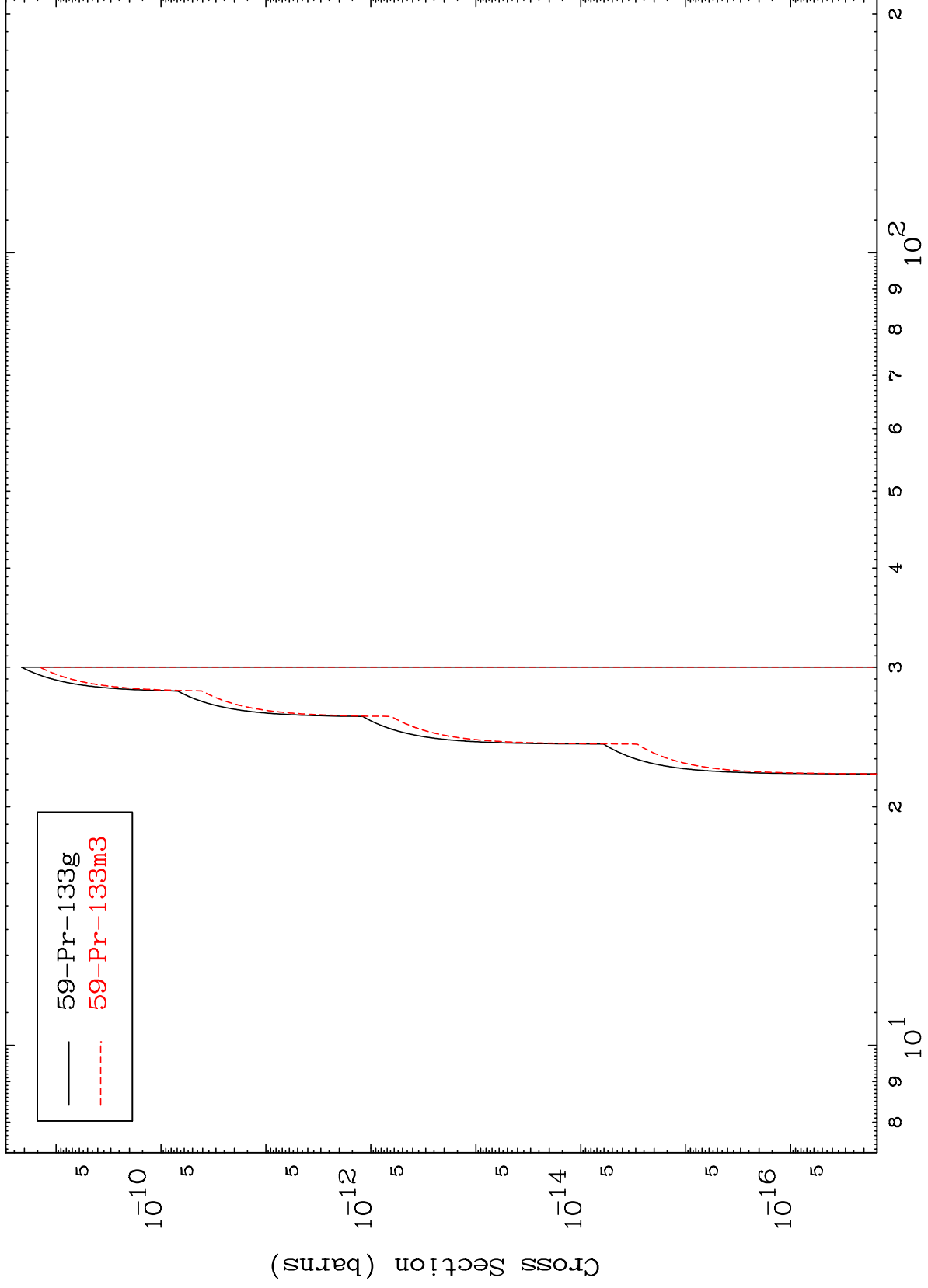
61-Pm-138

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

61-Pm-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

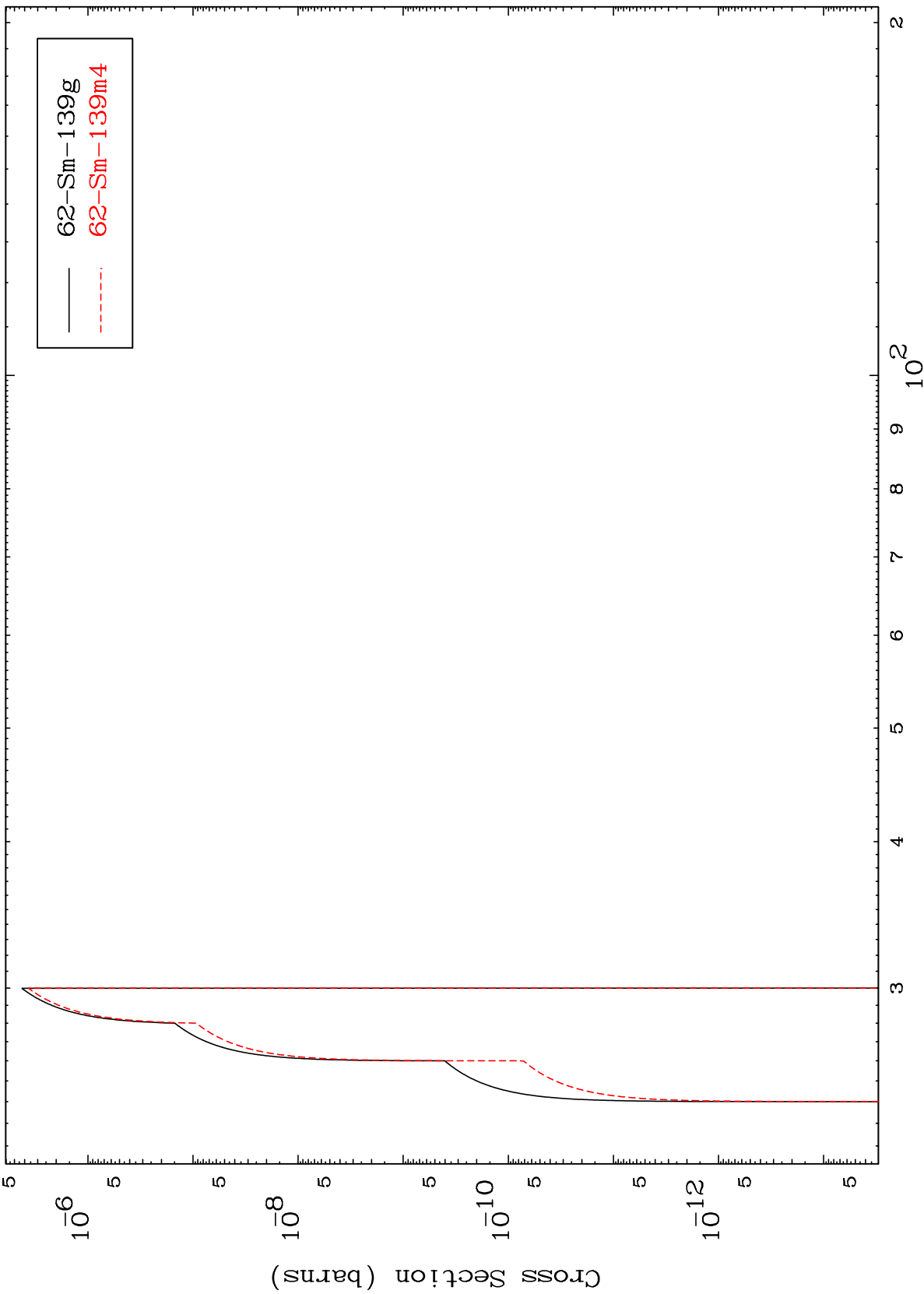
61-Pm-138

MAT 6123

$(\alpha, n')$  d

61-Pm-138

Radionuclide Production Cross Section

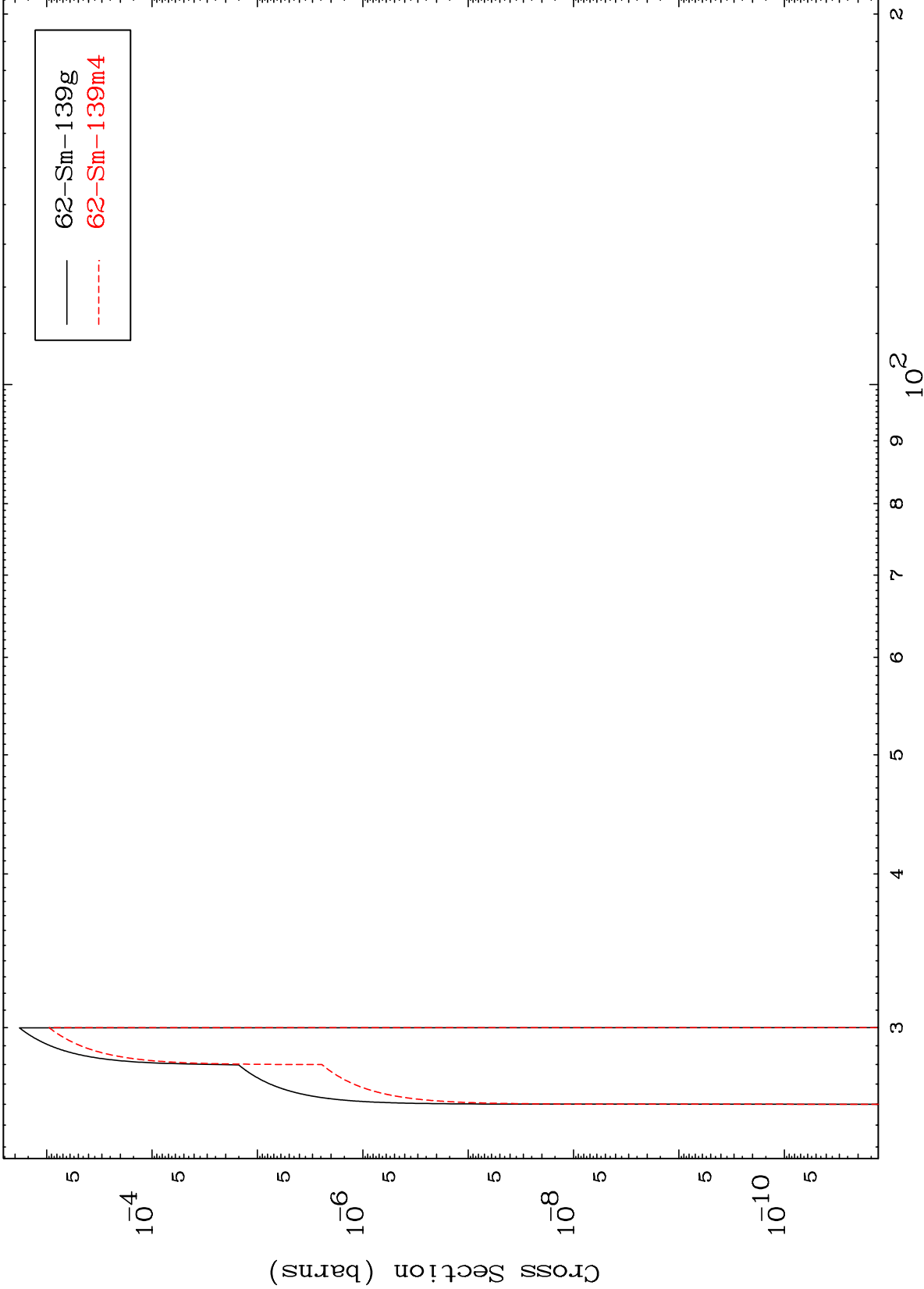


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Incident Energy (MeV)

61-Pm-138

Radionuclide Production Cross Section



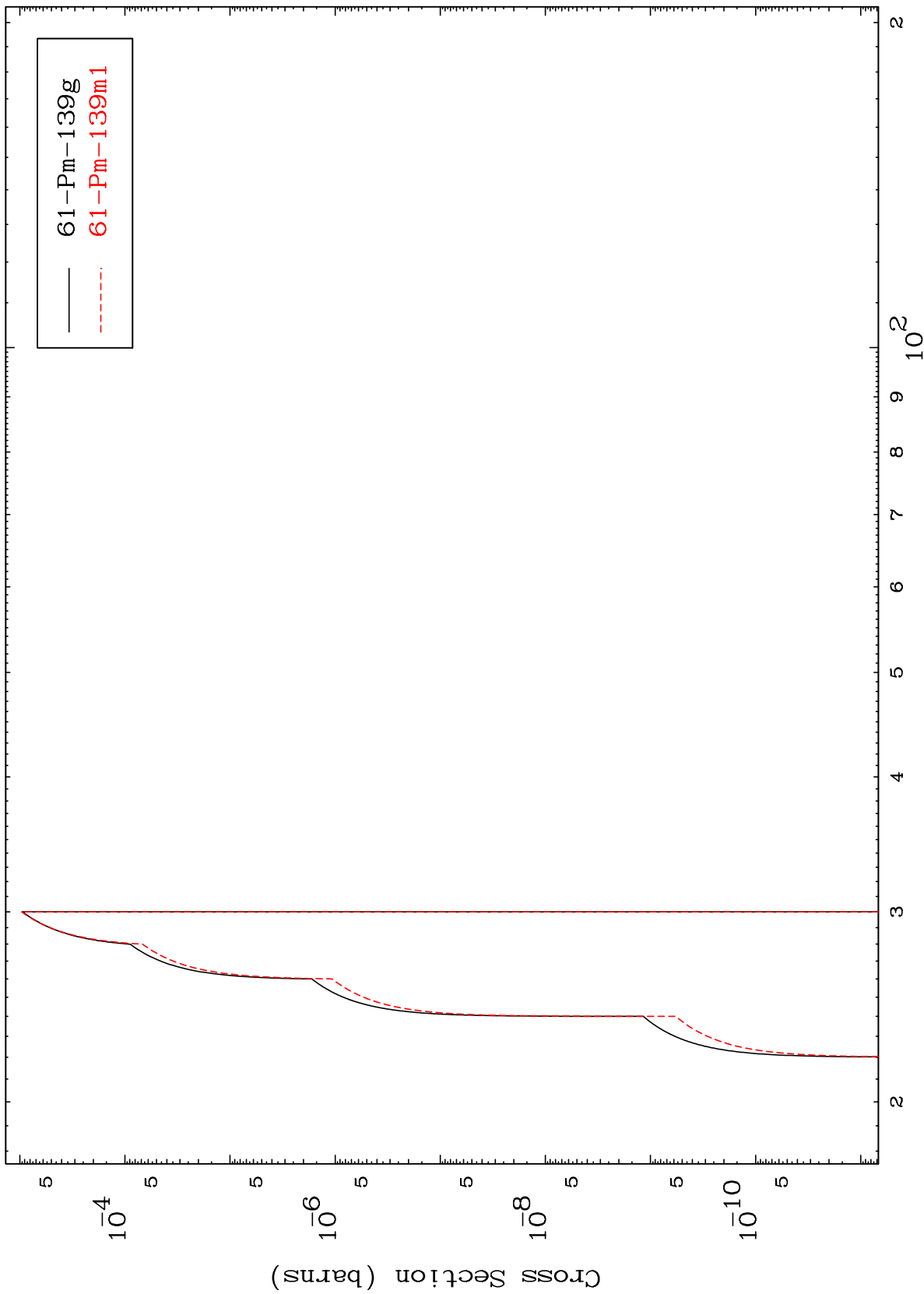


MAT 6123

$(\alpha, 2n)$  p

61-Pm-138

Radionuclide Production Cross Section



16

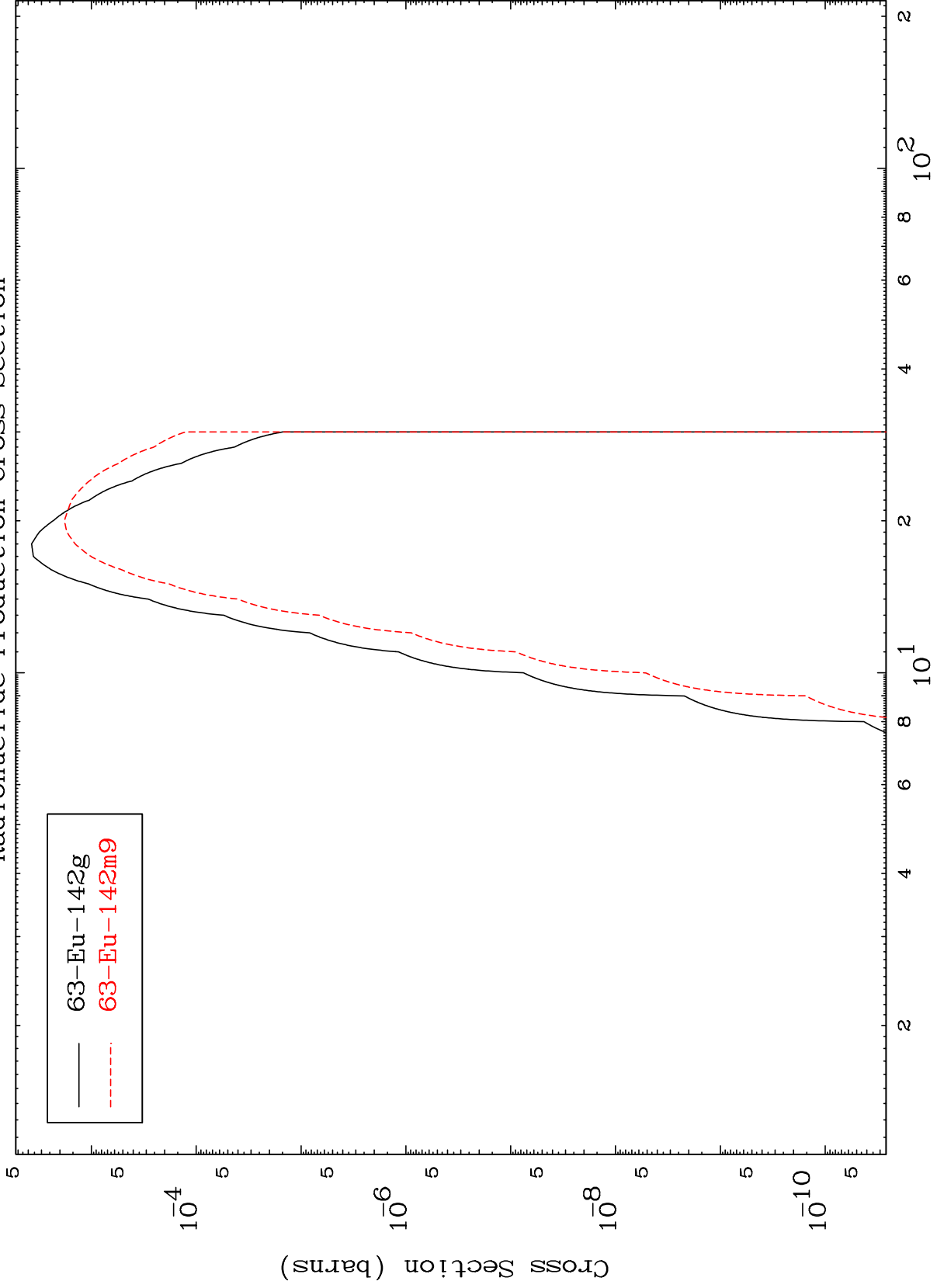
Incident Energy (MeV)

61-Pm-138

MAT 6123

61-Pm-138

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



17

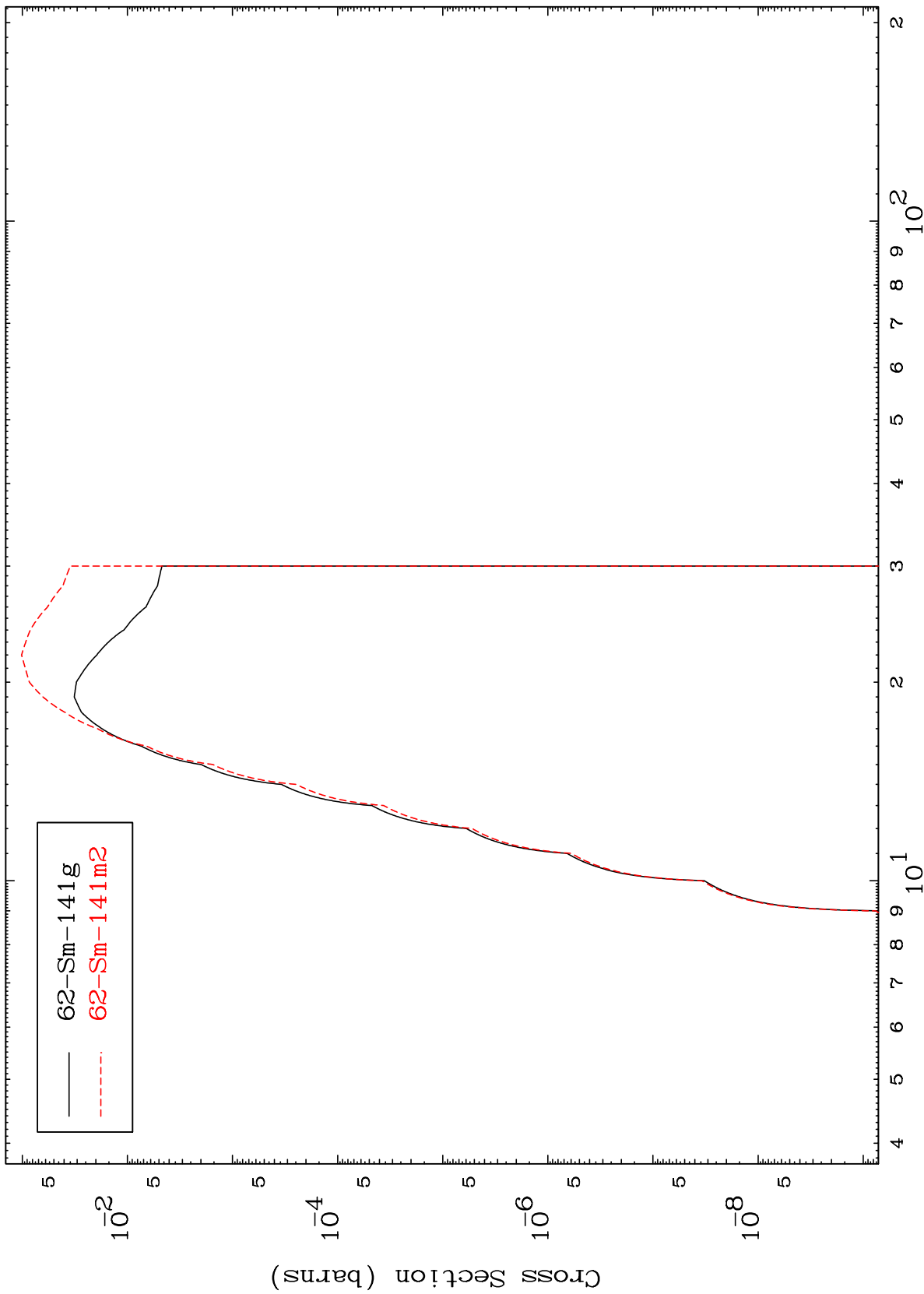
Incident Energy (MeV)

61-Pm-138

MAT 6123

61-Pm-138

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

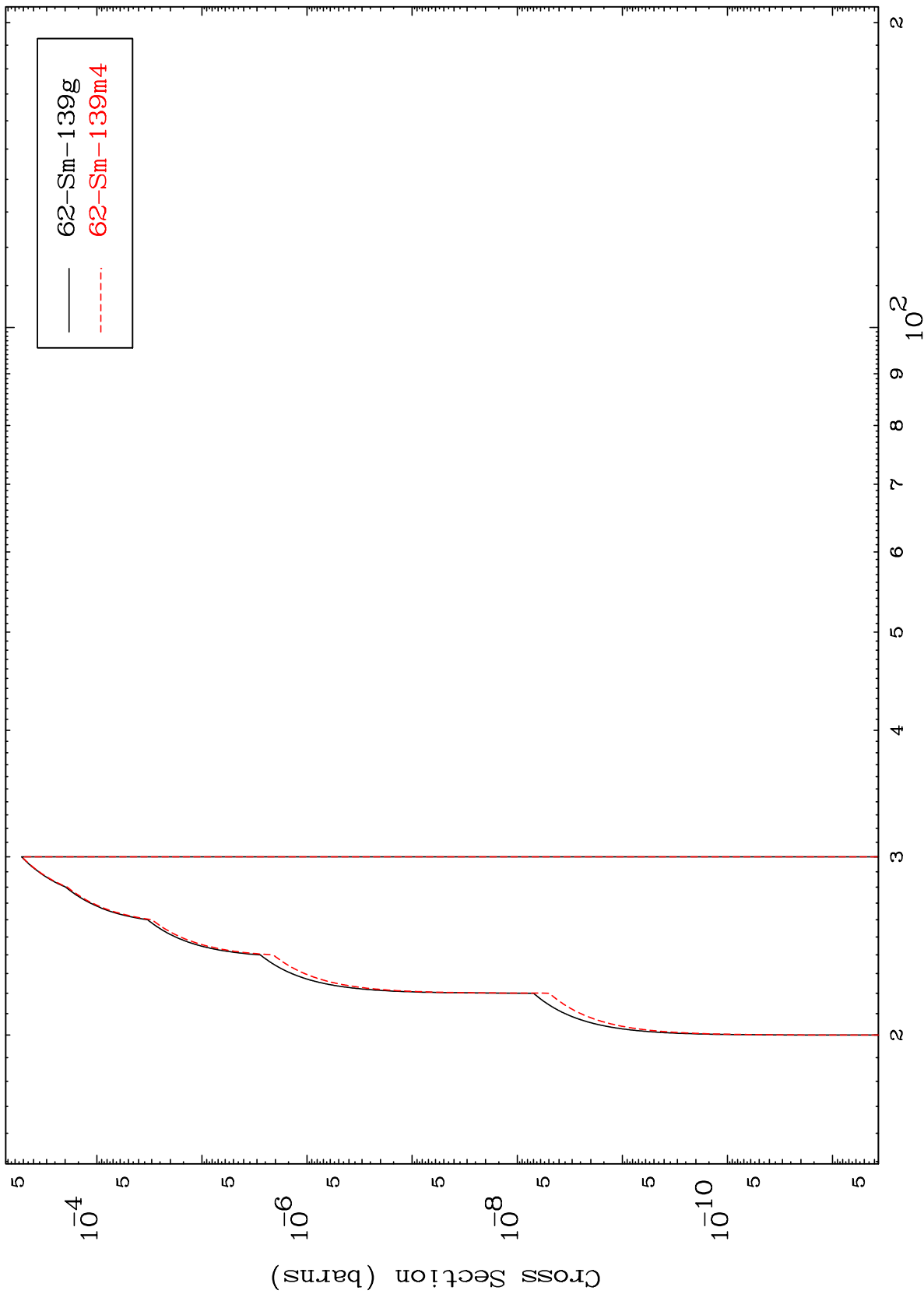


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Incident Energy (MeV)

61-Pm-138

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

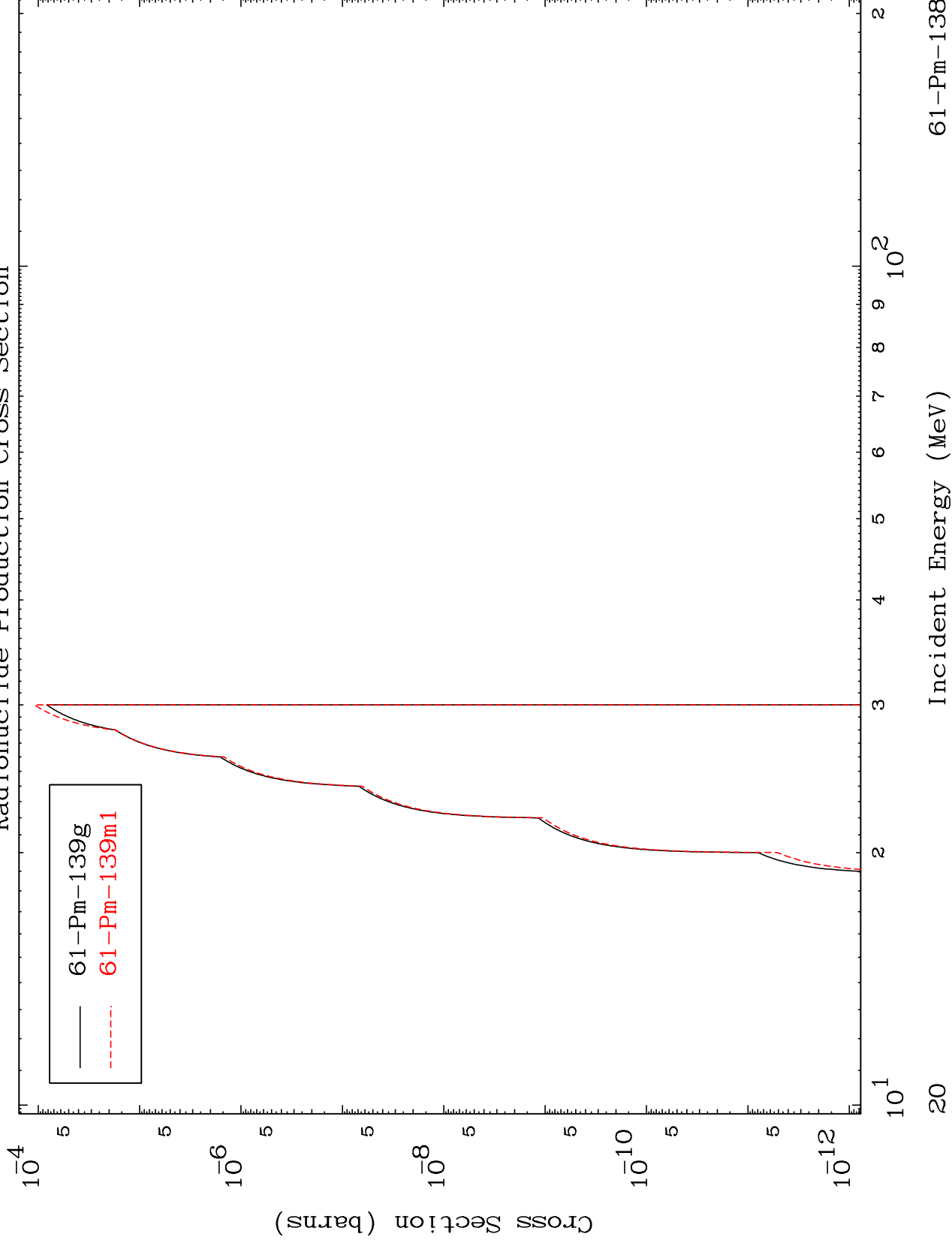


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( $\alpha, \text{He-3}$ )

61-Pm-138

Radionuclide Production Cross Section



Incident Energy (MeV)

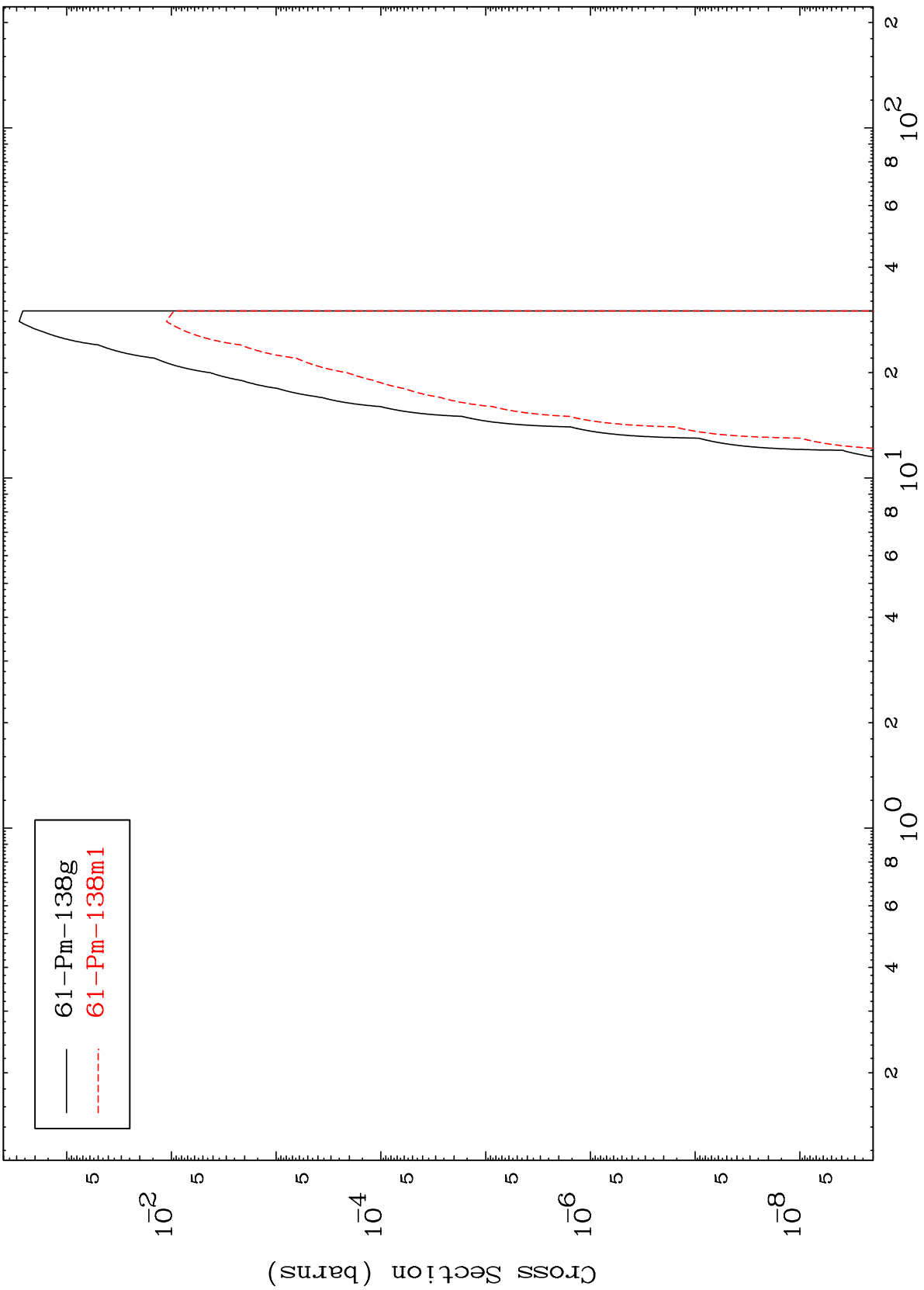
61-Pm-138

MAT 6123

( $\alpha, \alpha$ )

61-Pm-138

Radionuclide Production Cross Section



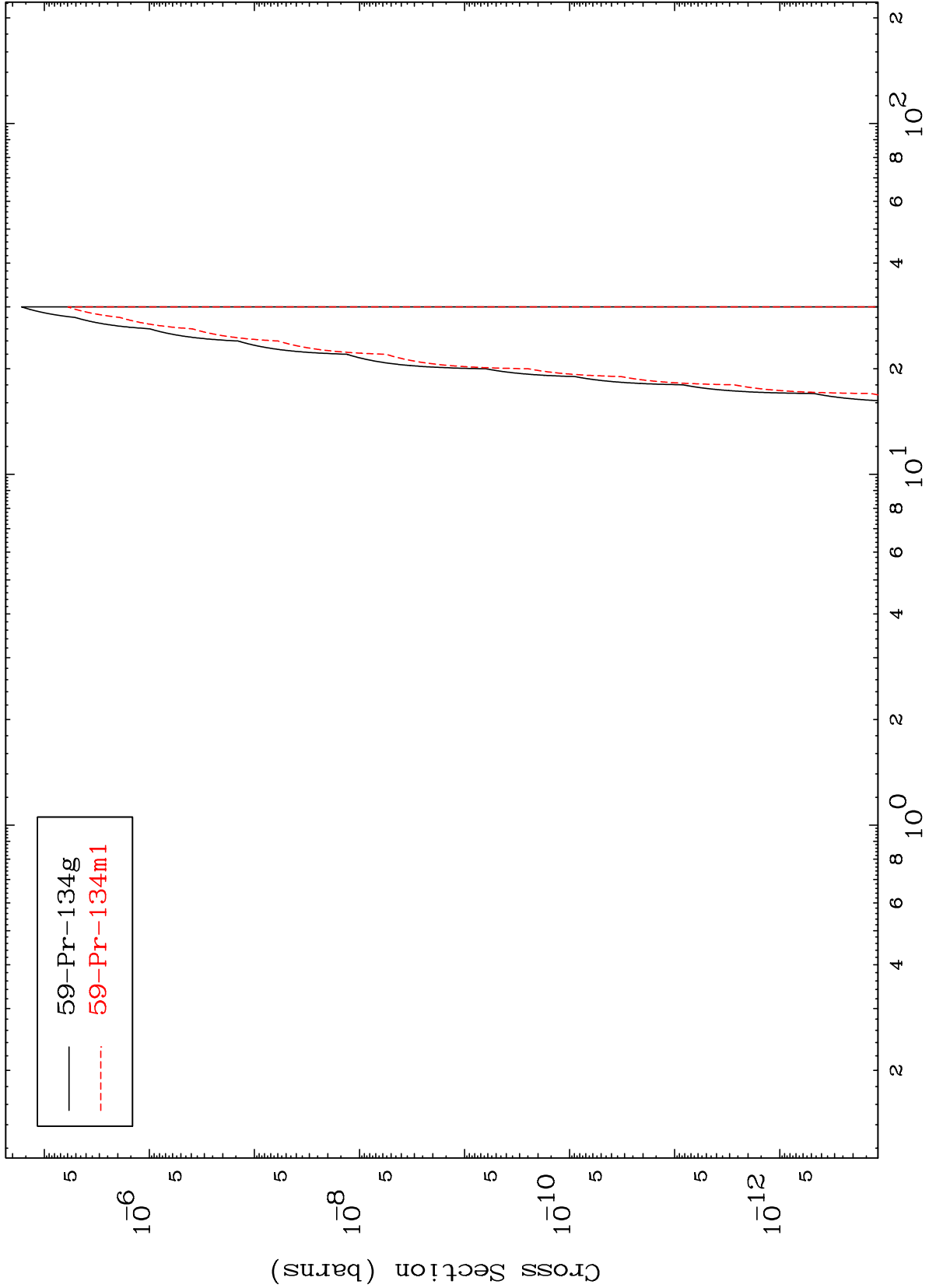
61-Pm-138g  
61-Pm-138m1

MAT 6123

( $\alpha, 2\alpha$ )

61-Pm-138

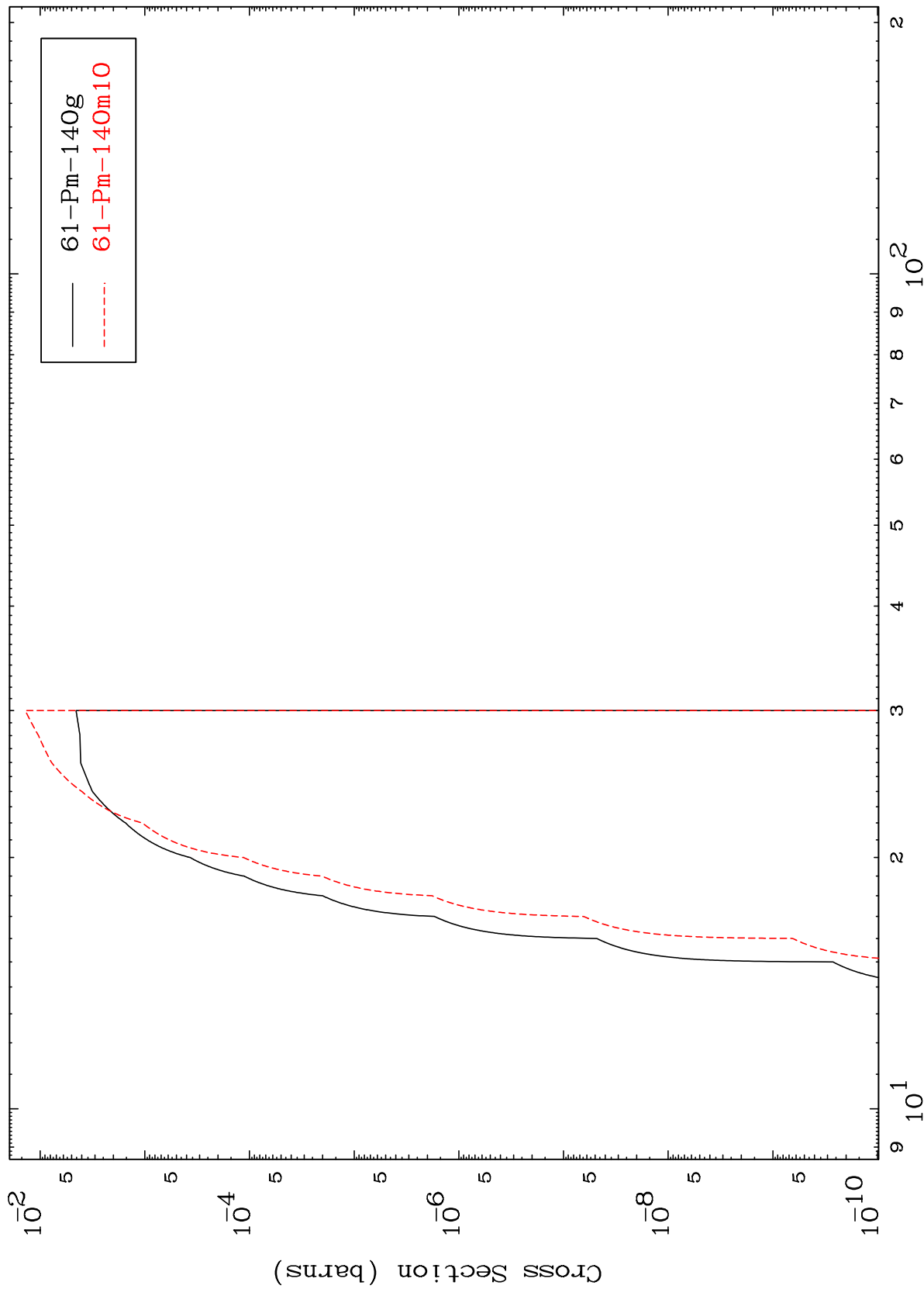
Radionuclide Production Cross Section



MAT 6123

61-Pm-138

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



61-Pm-138

Incident Energy (MeV)

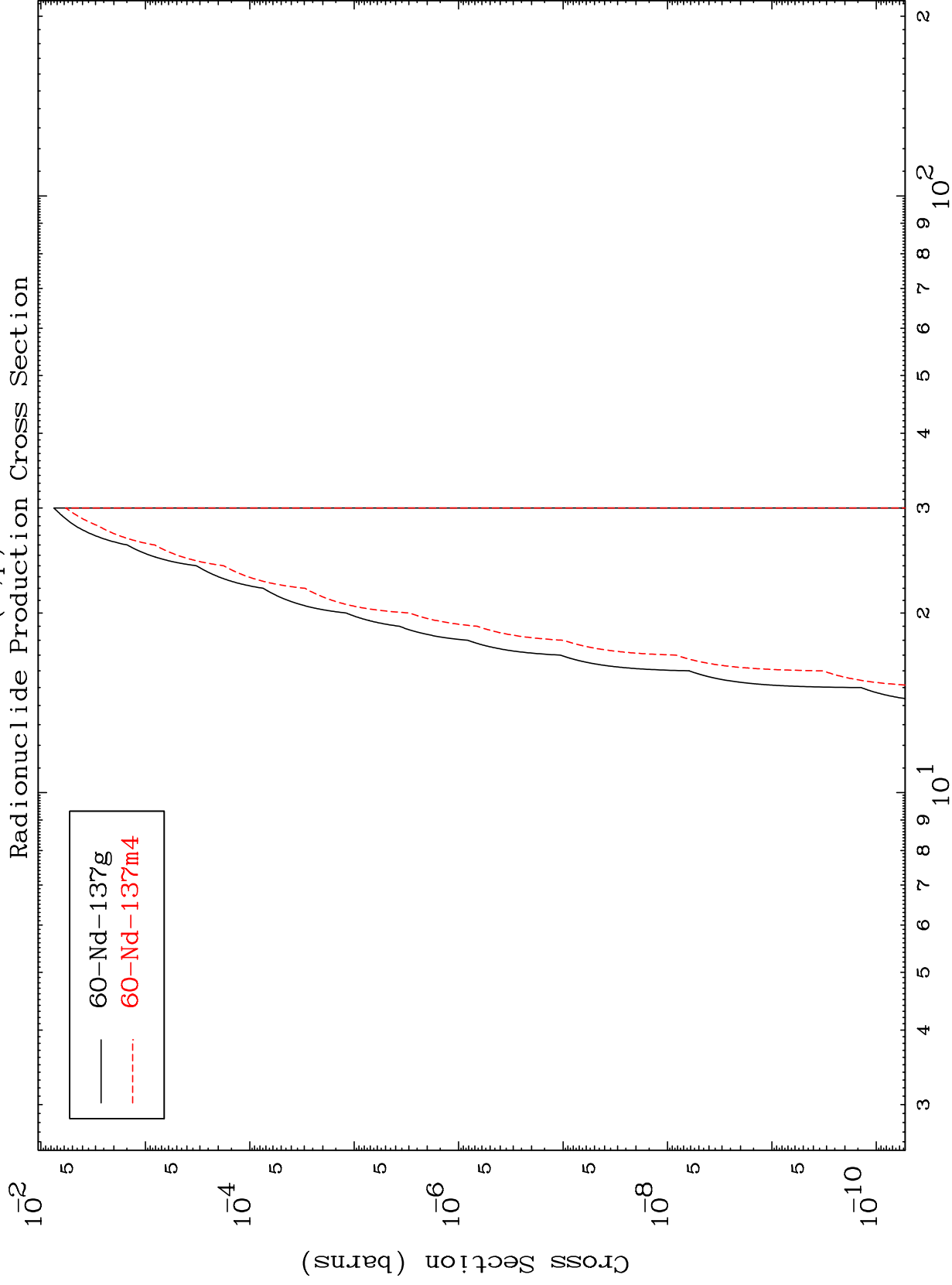
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( $\alpha, p$ )  $\alpha$

61-Pm-138



24

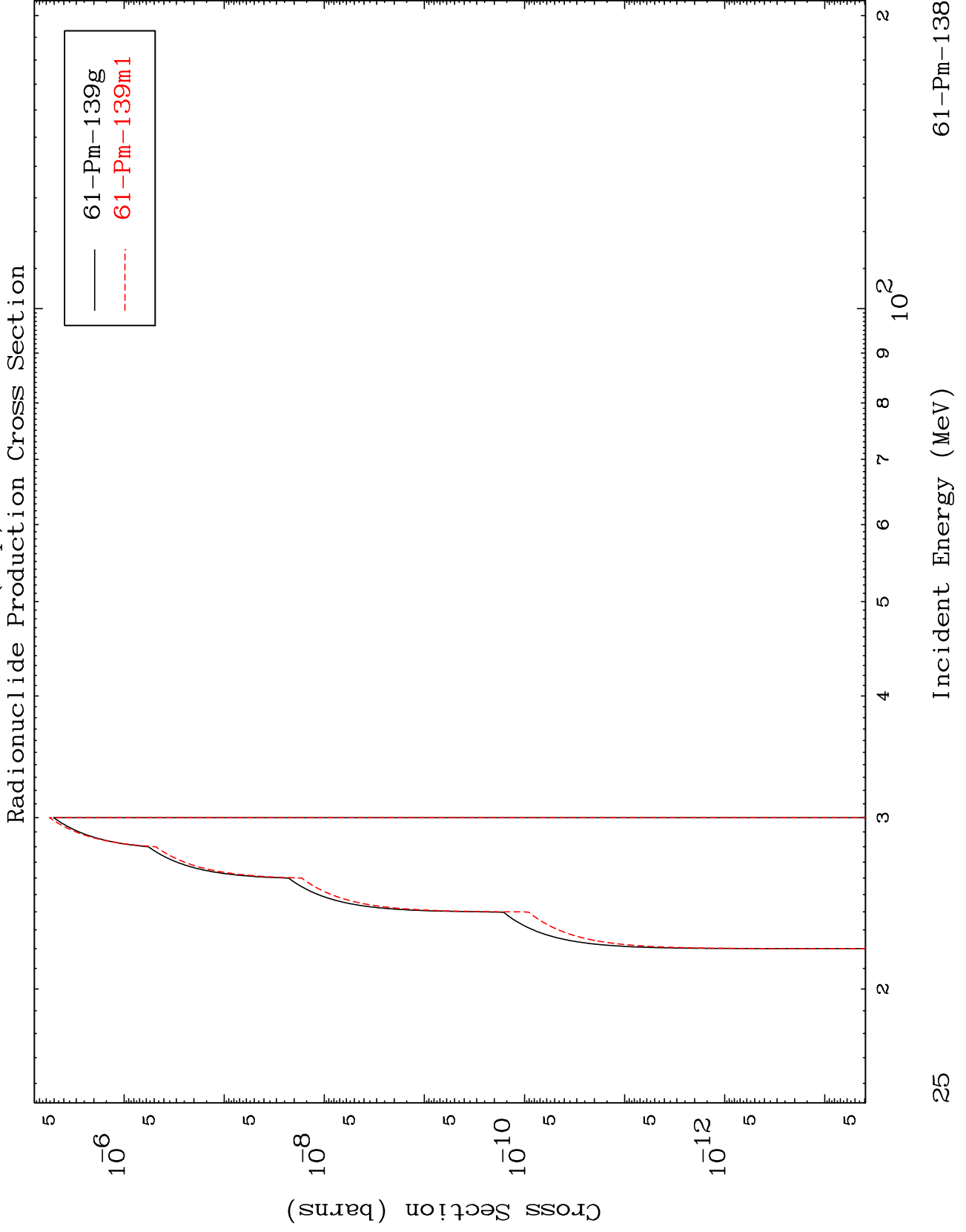
Incident Energy (MeV)

61-Pm-138

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( $\alpha, p$ ) d

61-Pm-138



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61-Pm-138