

Program EVALPLOT  
(Version 2021-1)

by

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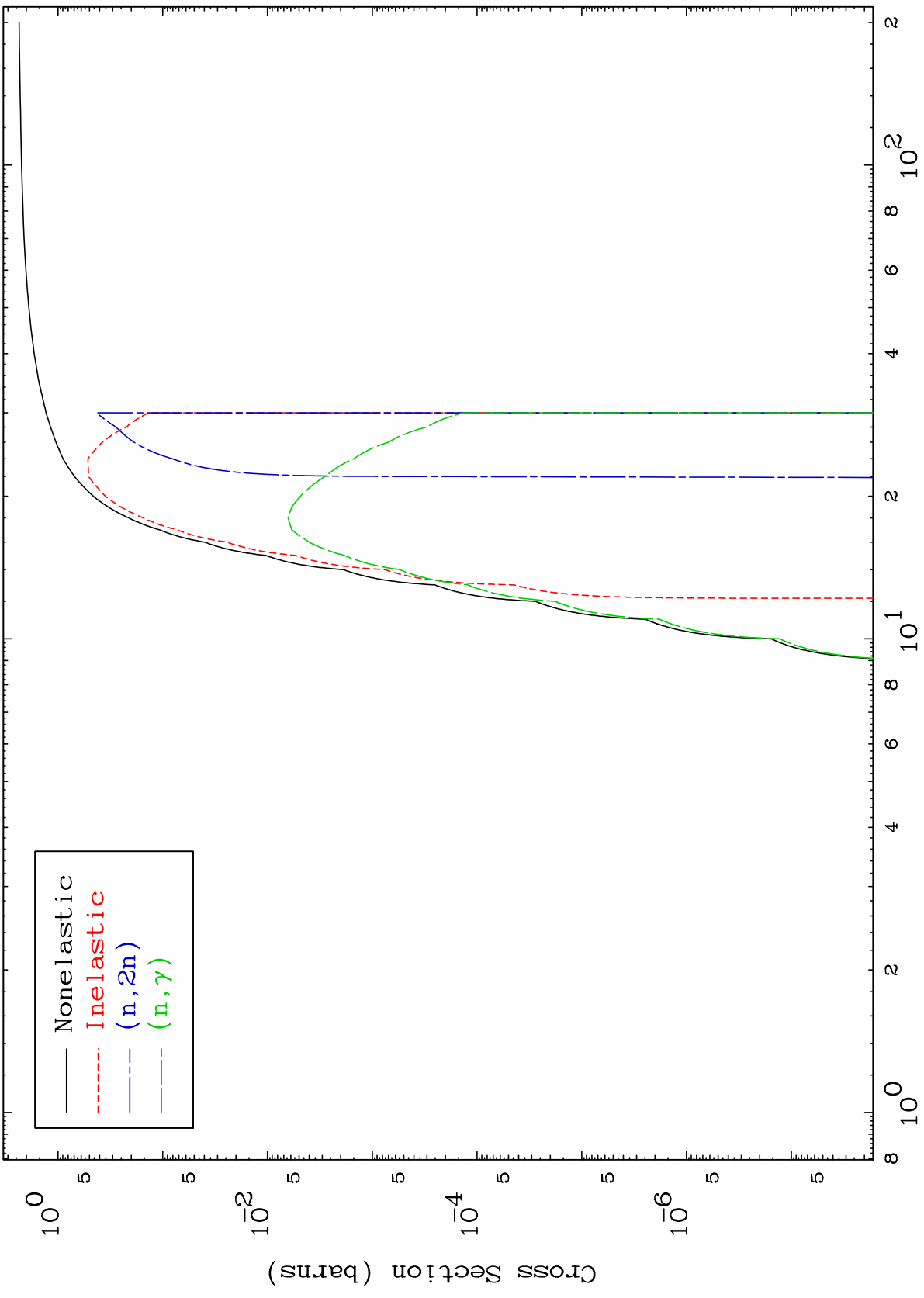
Press Mouse Button to Start

MAT 6125

$\alpha$  Major

61-Pm-139

0 Kelvin Cross Sections



1

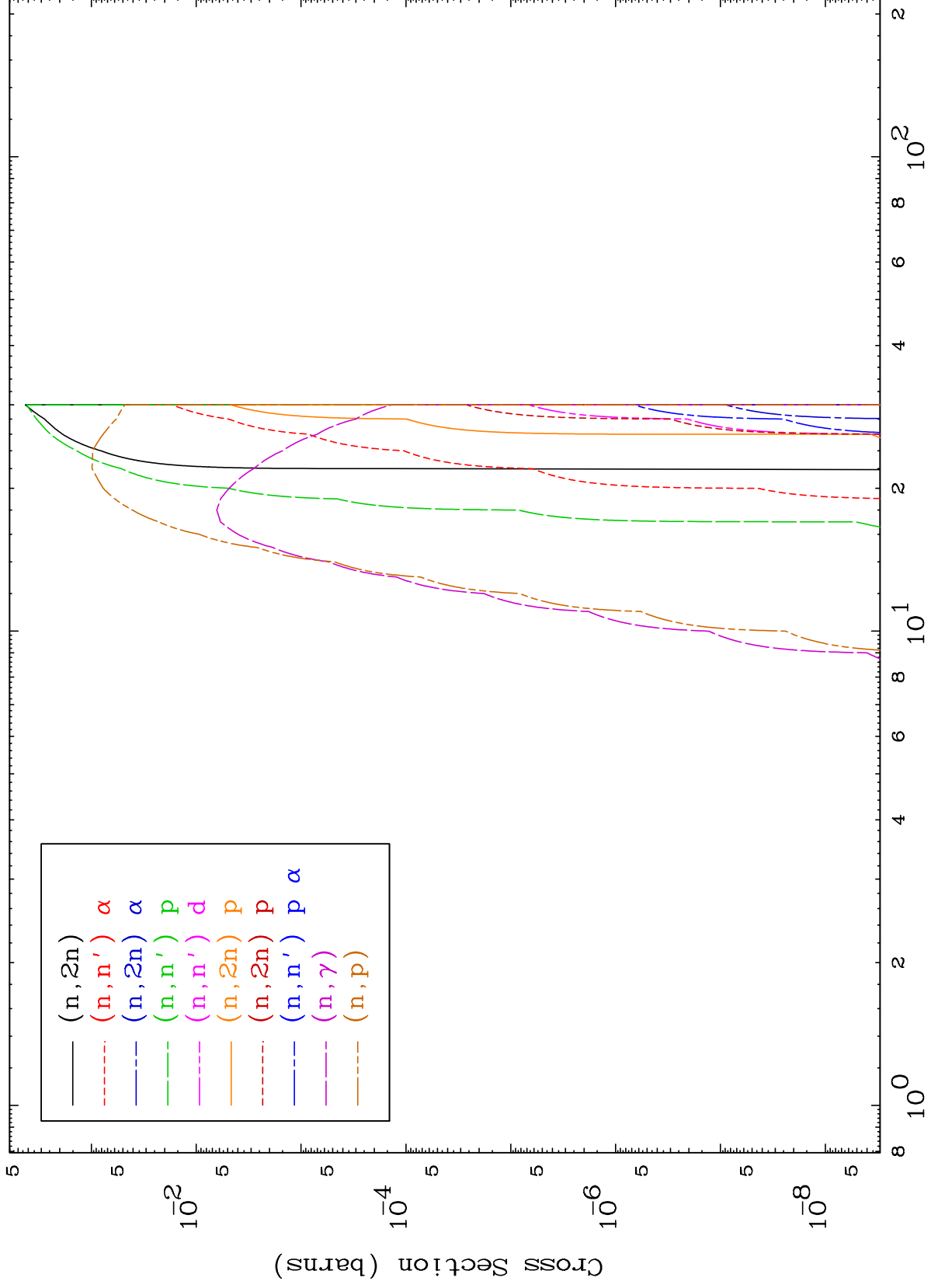
Incident Energy (MeV)

61-Pm-139

MAT 6125

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-139



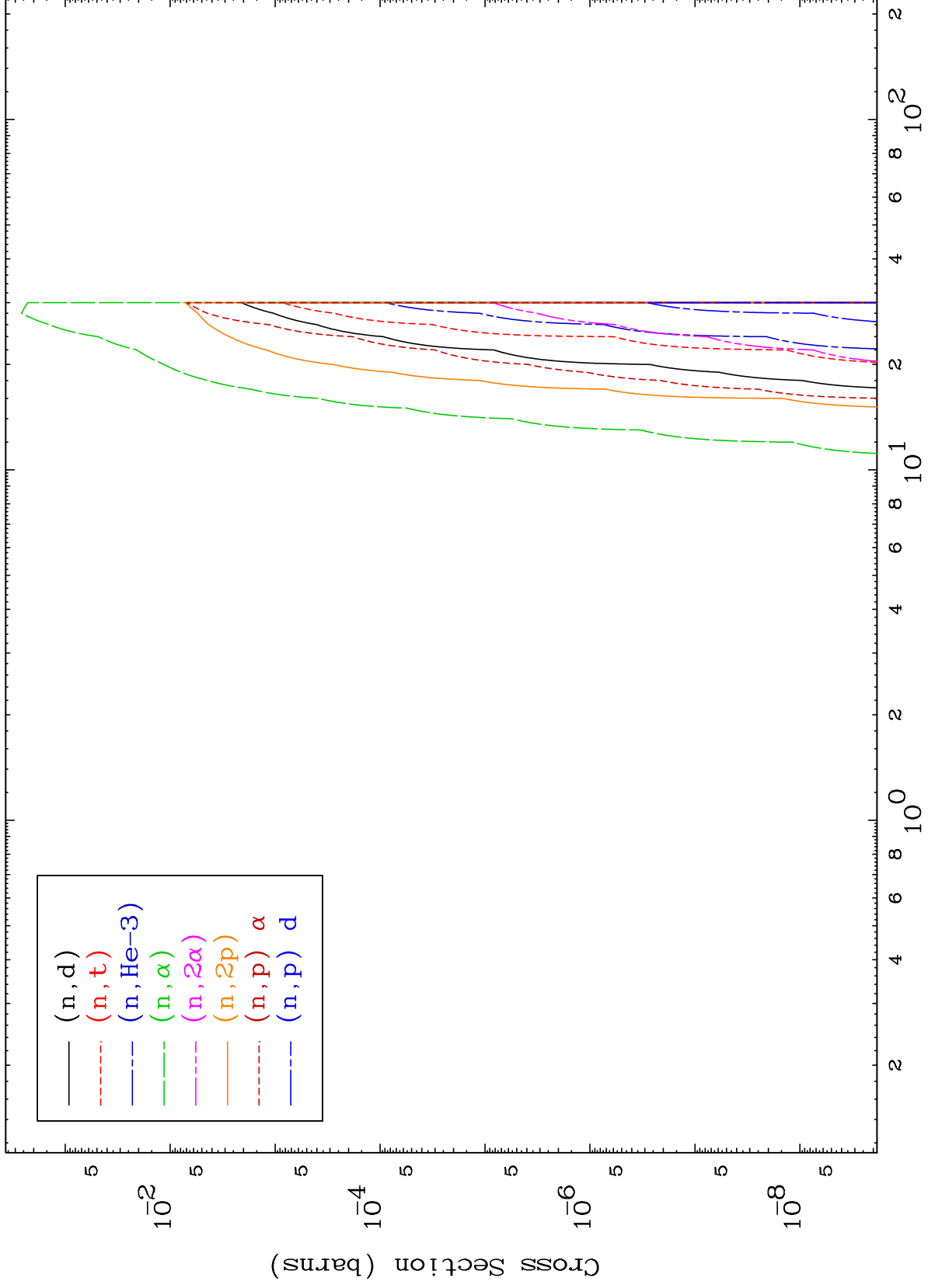
Incident Energy (MeV)

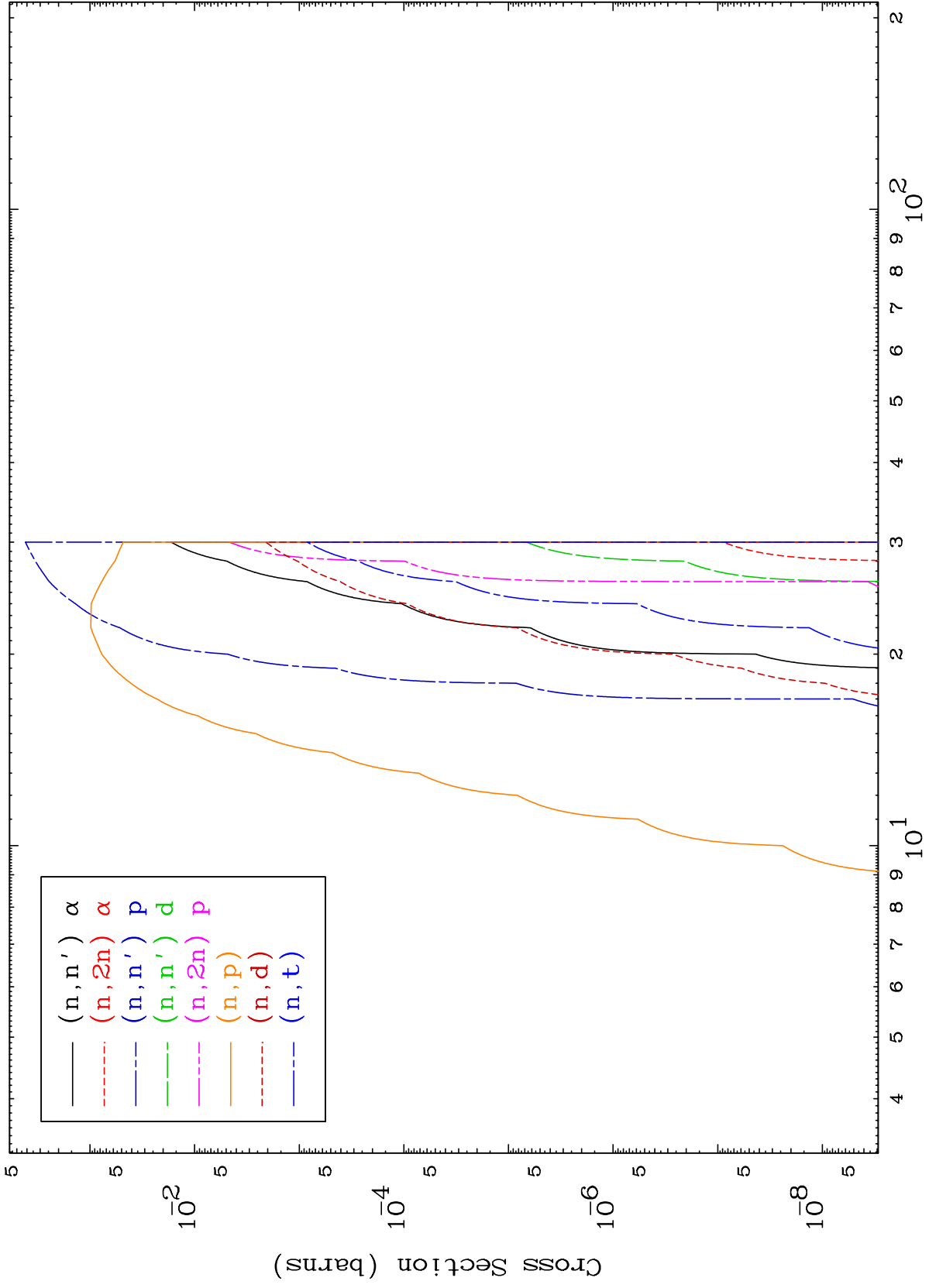
61-Pm-139

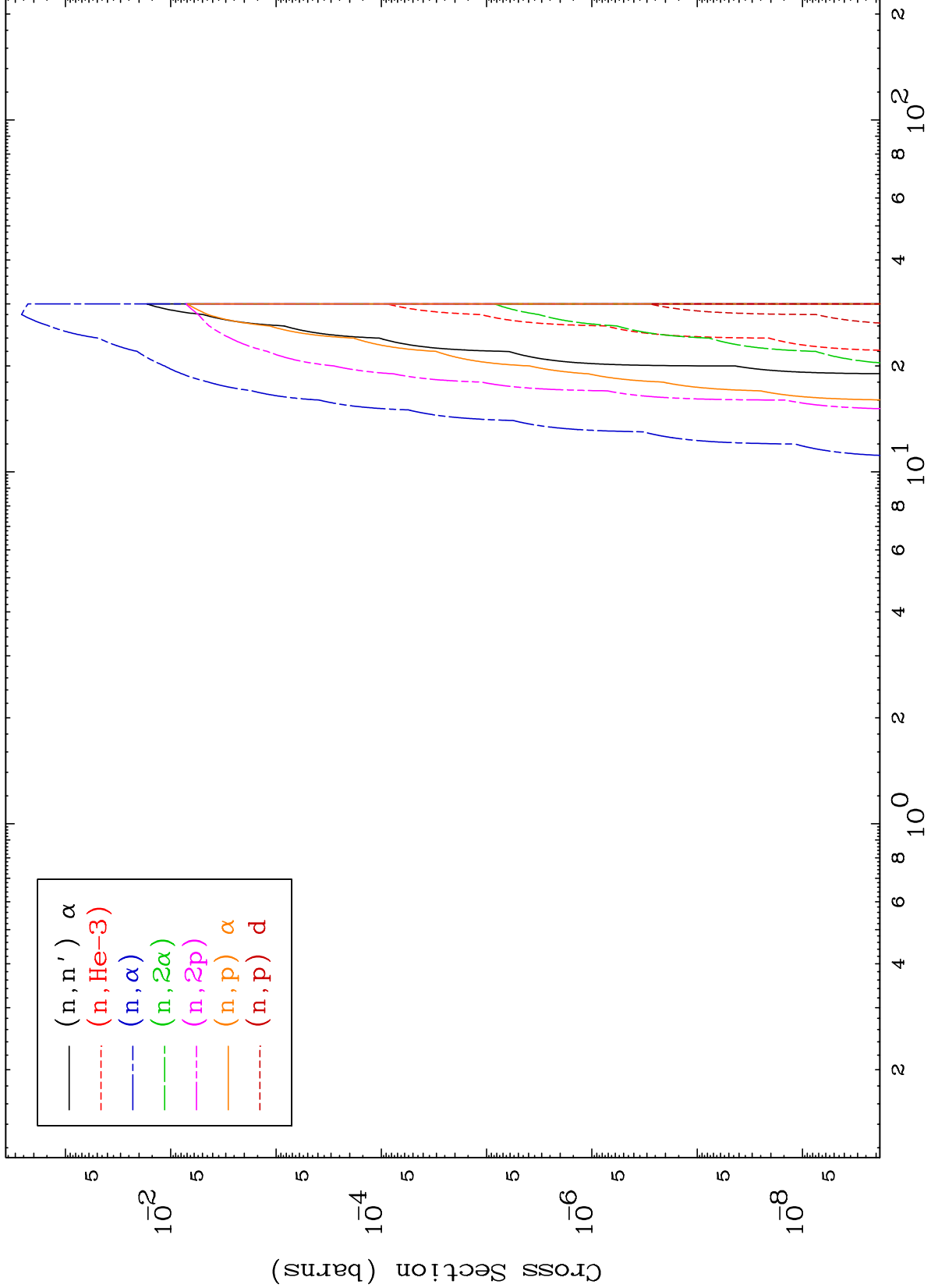
MAT 6125

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-139



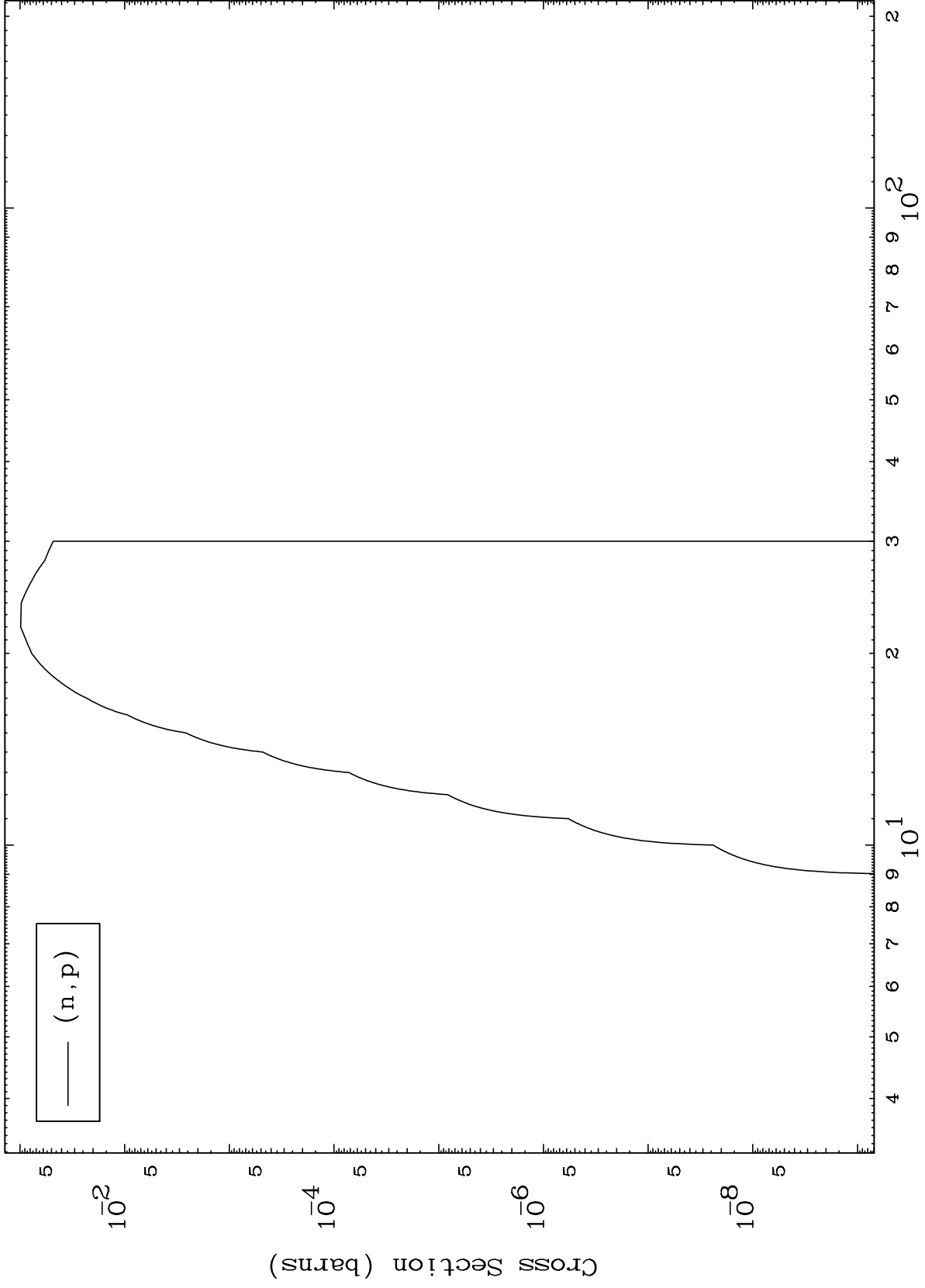




MAT 6125

61-Pm-139

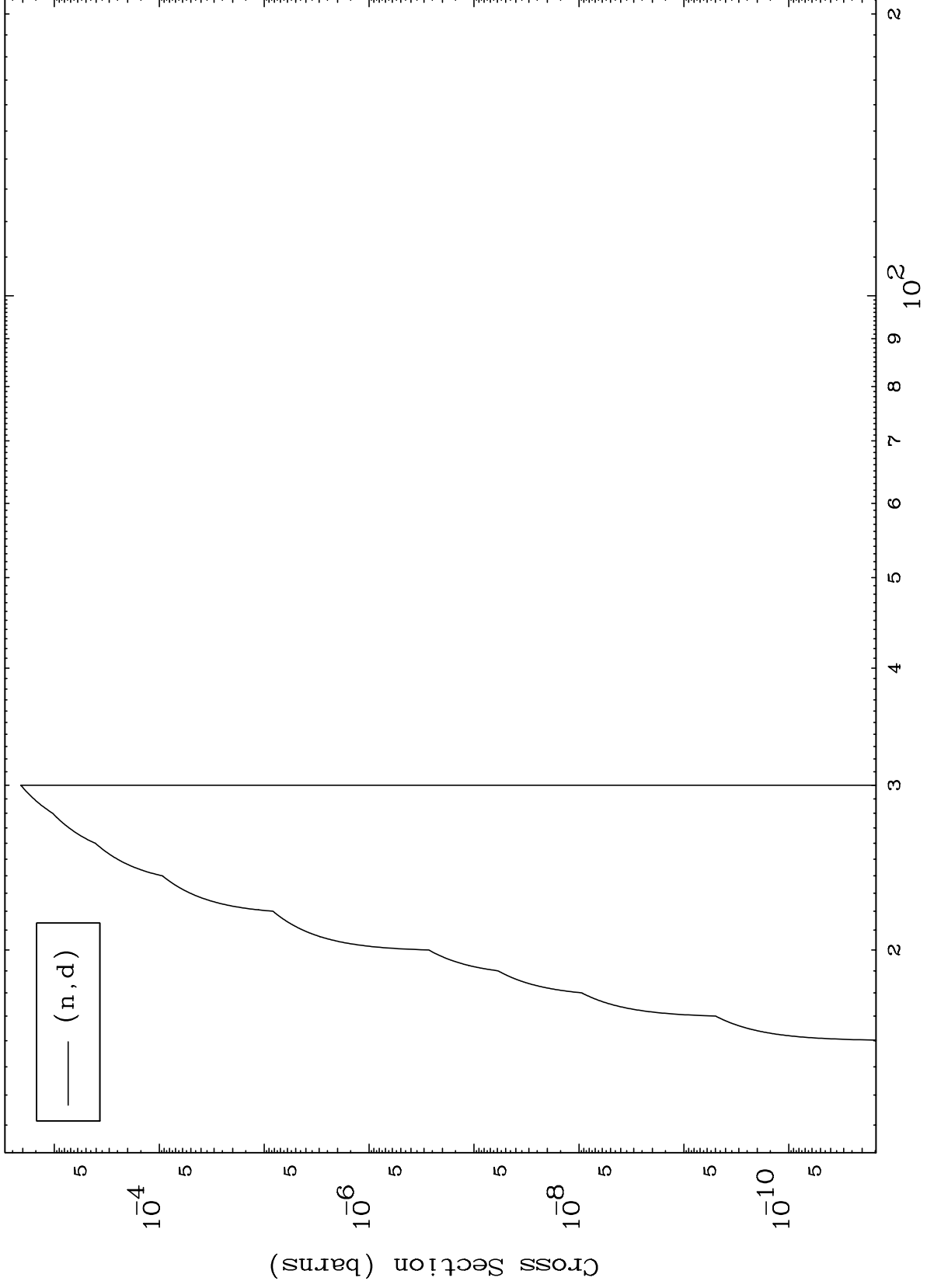
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



6

Incident Energy (MeV)

61-Pm-139

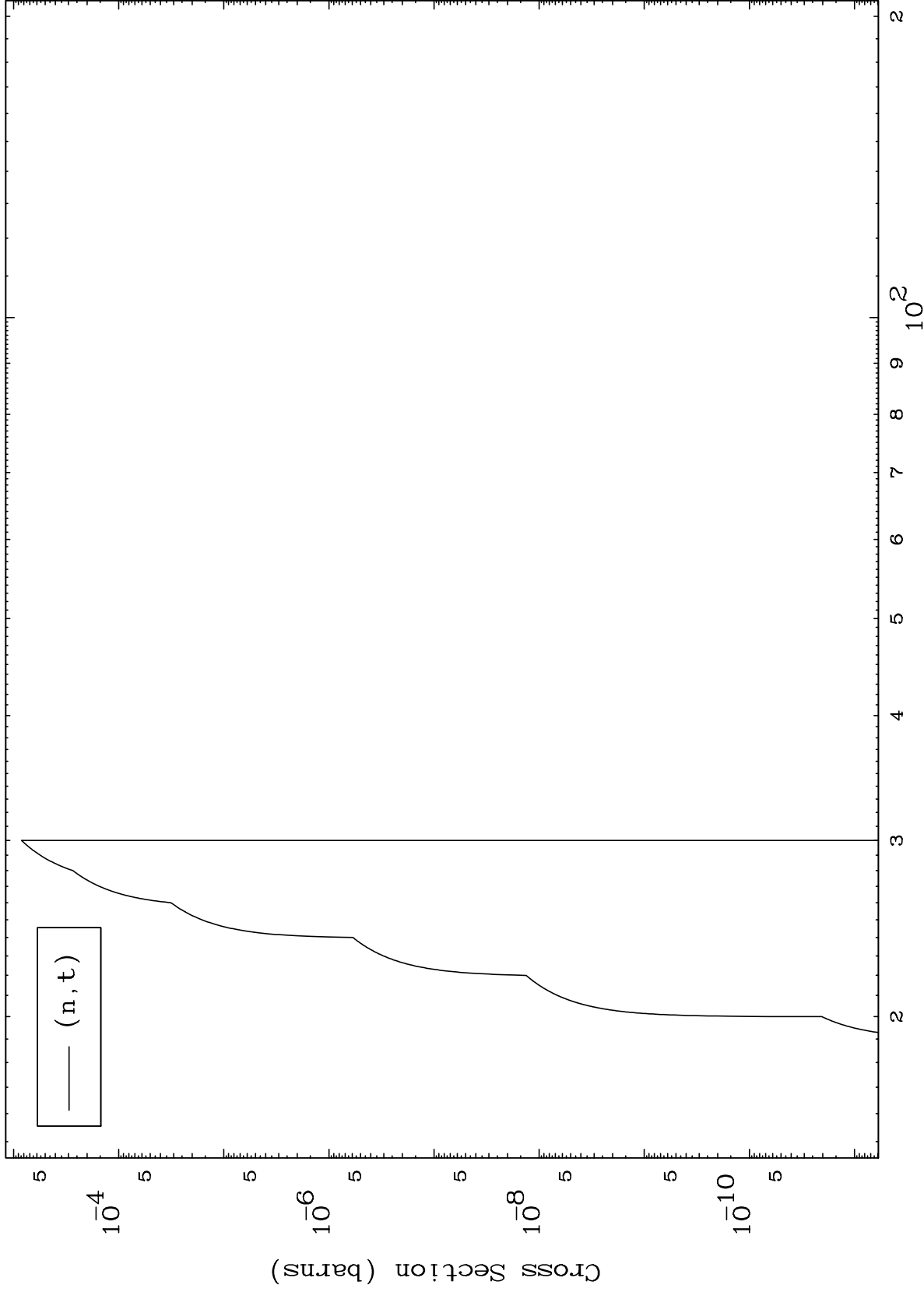




MAT 6125

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

61-Pm-139



8

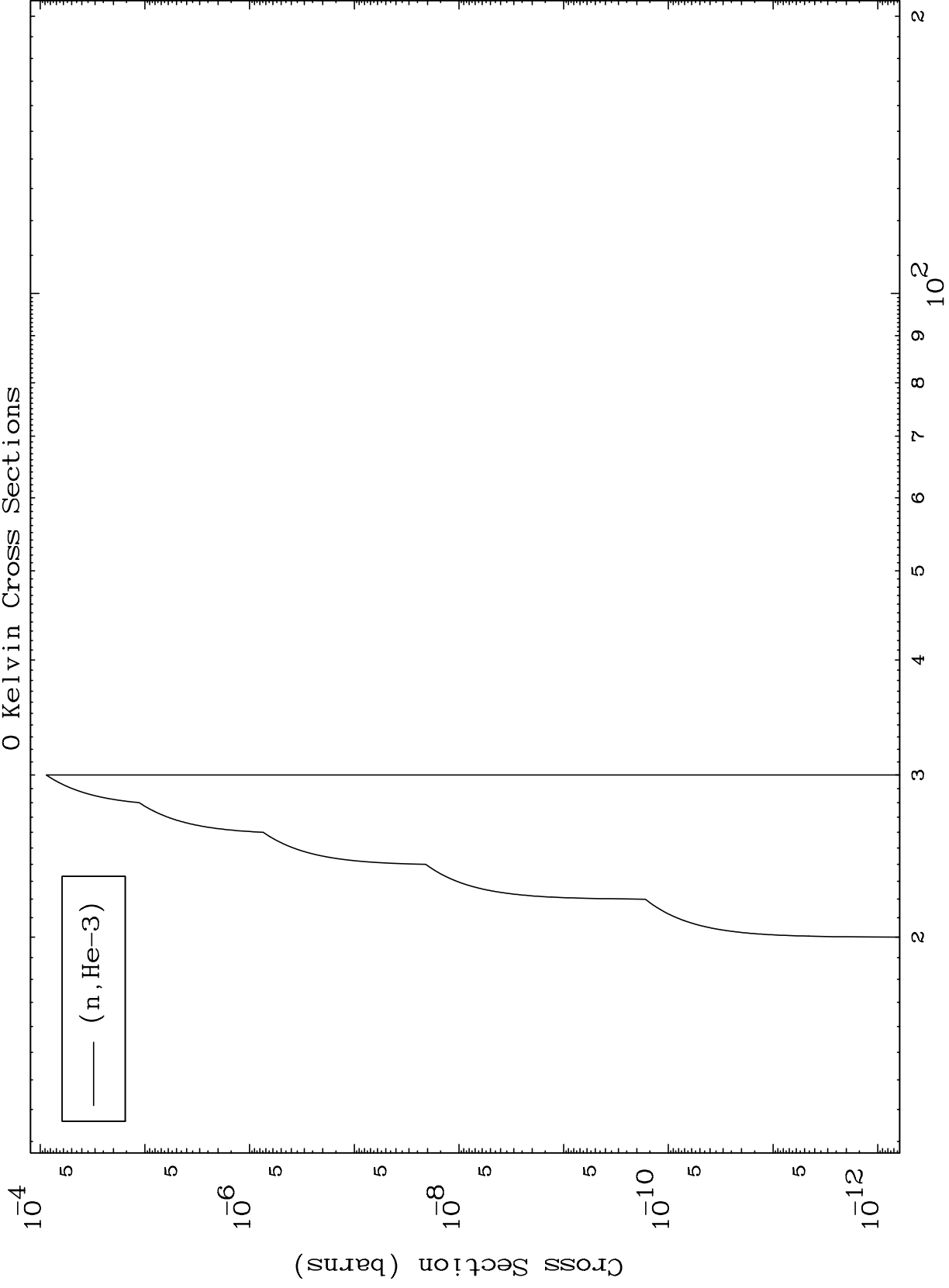
Incident Energy (MeV)

61-Pm-139

MAT 6125

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

61-Pm-139

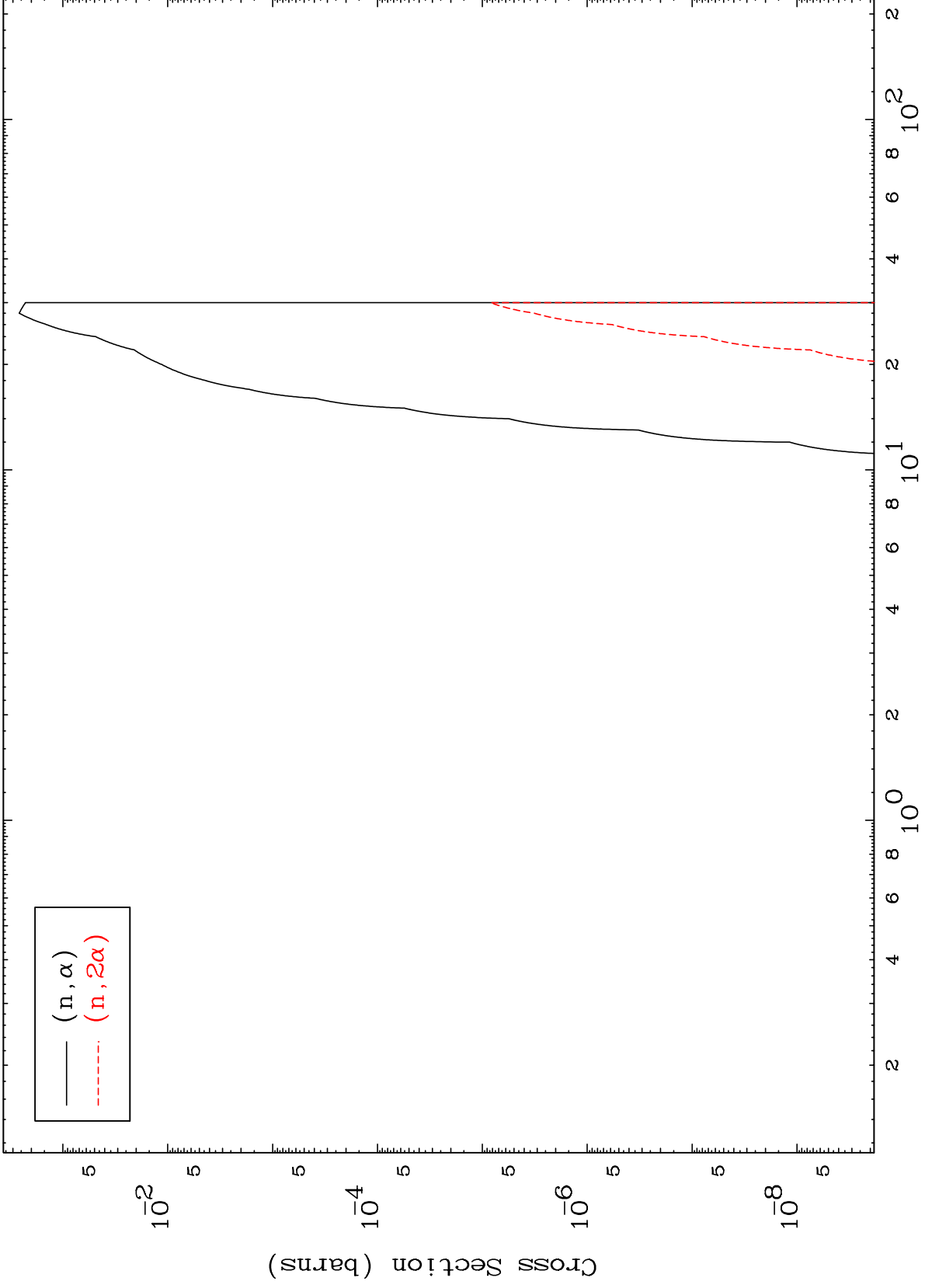


MAT 6125

( $\alpha, \alpha$ ) Levels

61-Pm-139

0 Kelvin Cross Sections

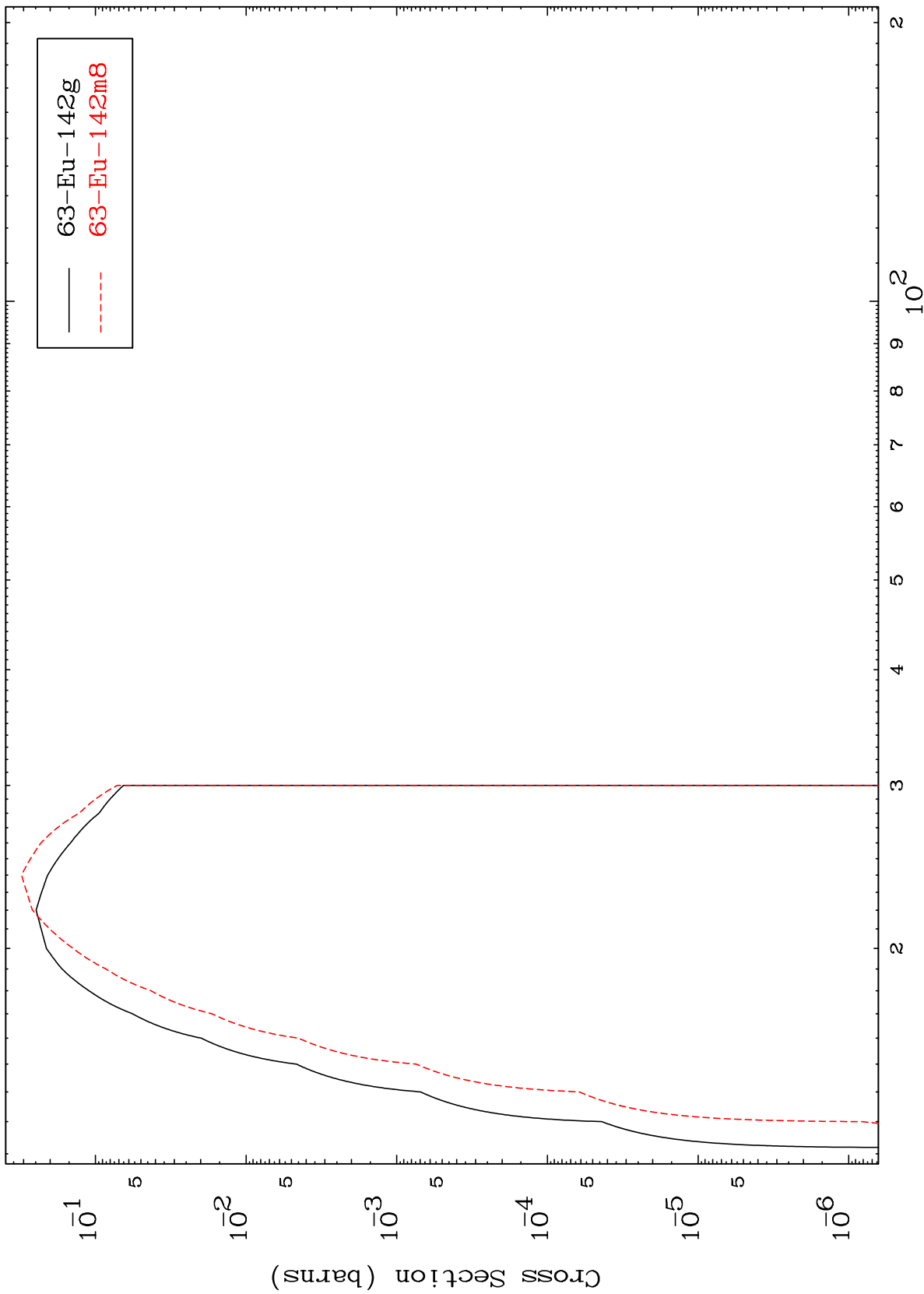


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Incident Energy (MeV)

61-Pm-139

Inelastic  
Radionuclide Production Cross Section

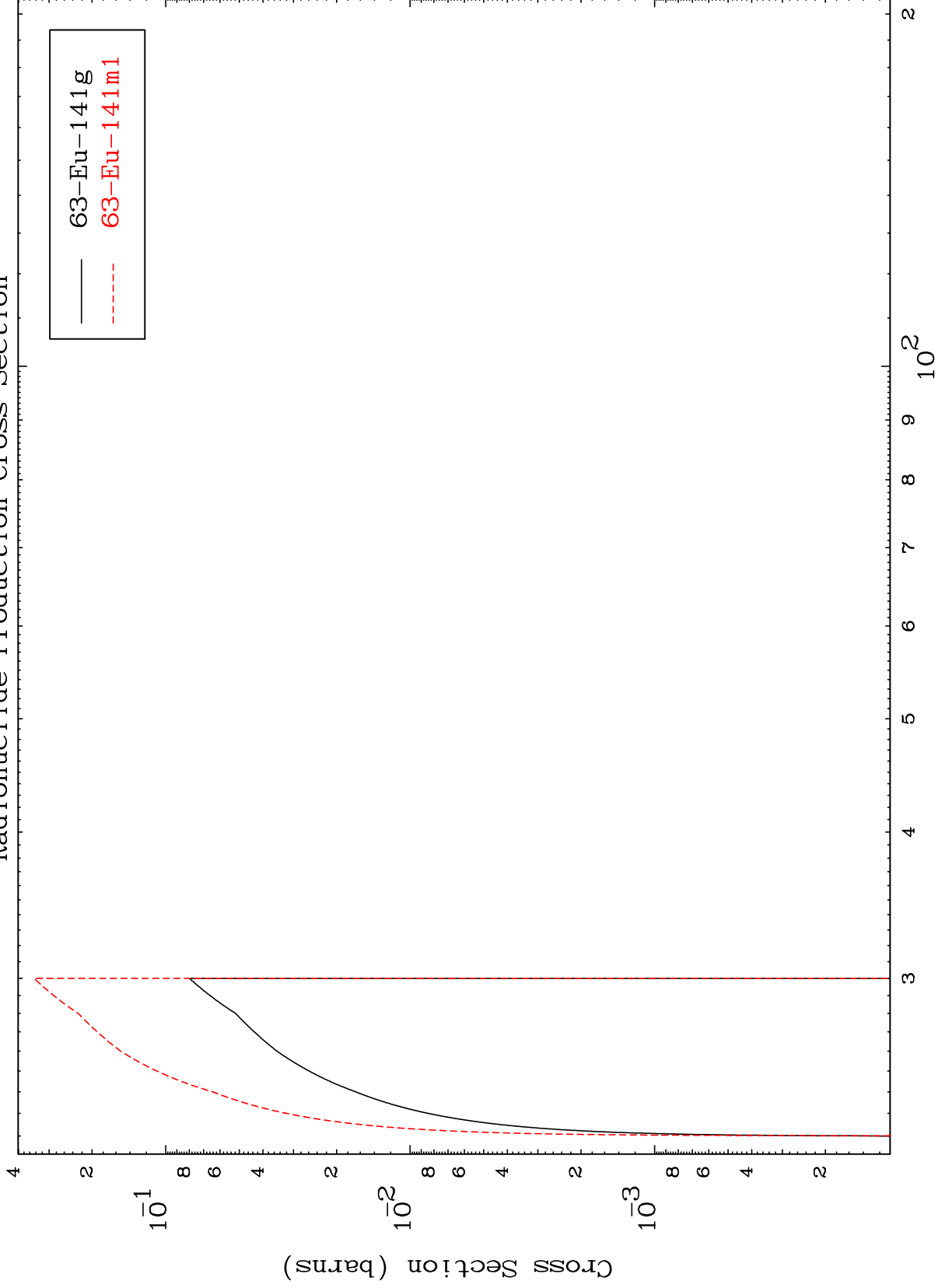


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(n,2n)

61-Pm-139

Radionuclide Production Cross Section

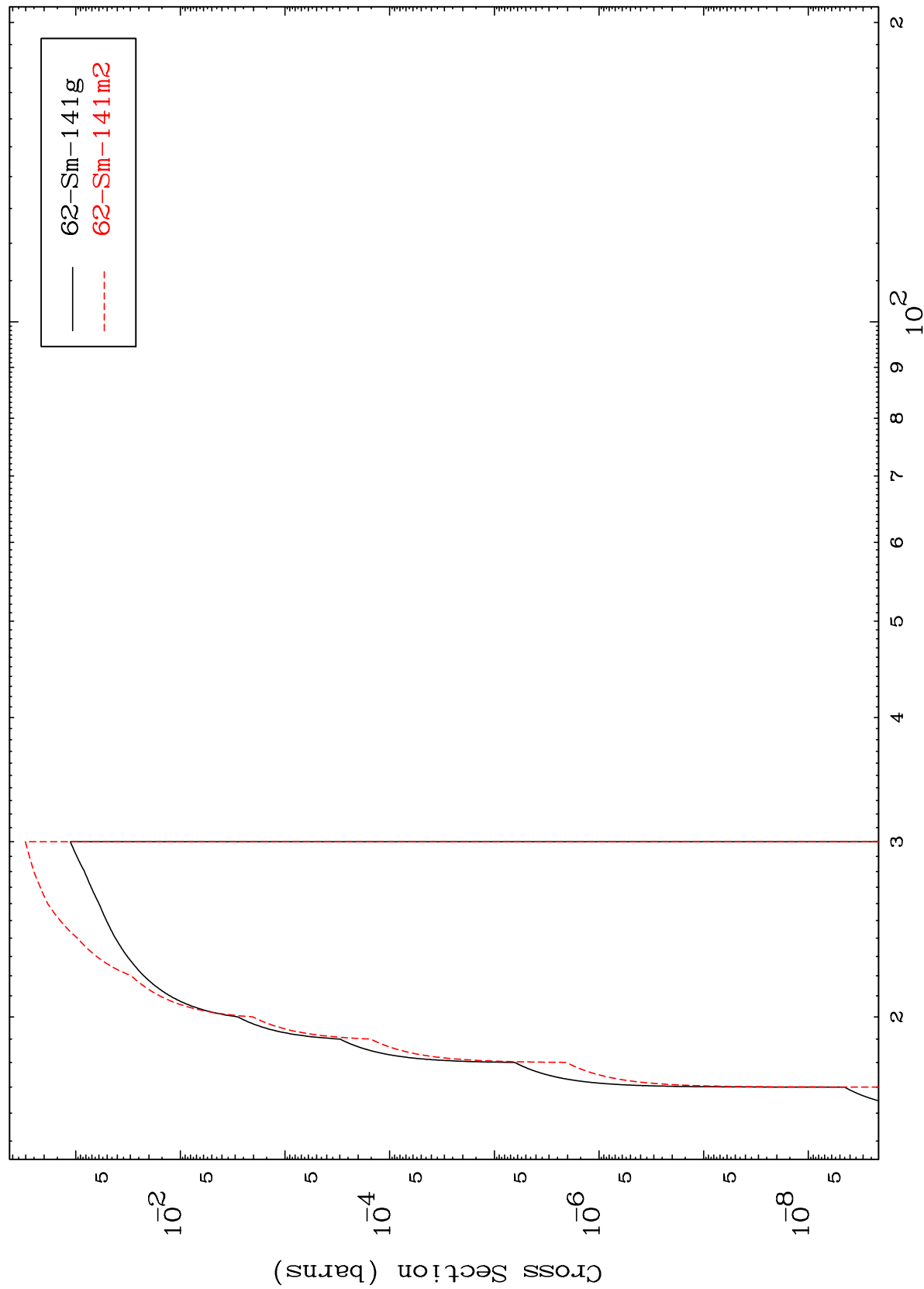


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Incident Energy (MeV)

61-Pm-139

Radionuclide Production Cross Section

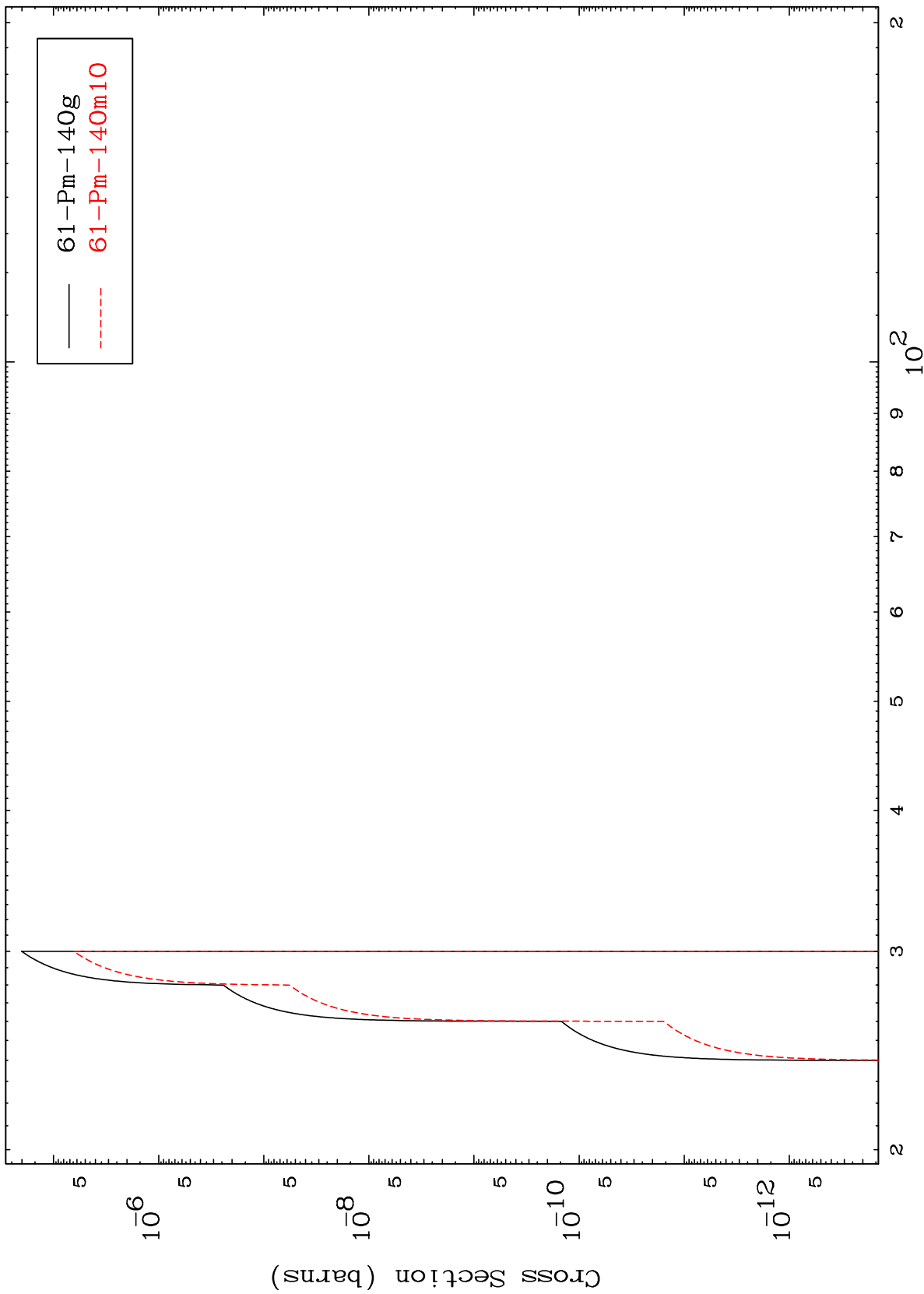


MAT 6125

(n,2n) p

61-Pm-139

Radionuclide Production Cross Section



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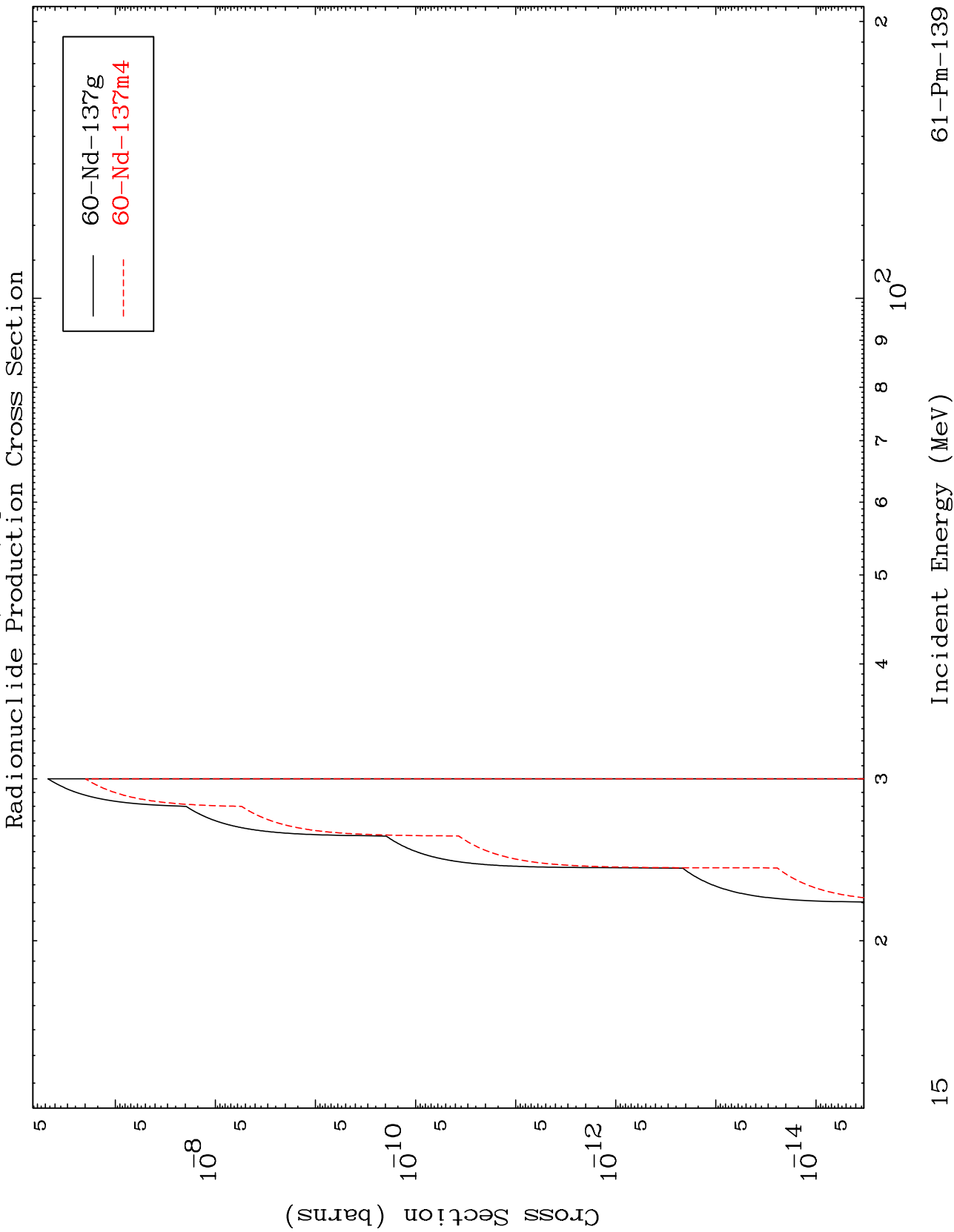
Incident Energy (MeV)

61-Pm-139

MAT 6125

(n,n') p  $\alpha$

61-Pm-139



15

Incident Energy (MeV)

61-Pm-139

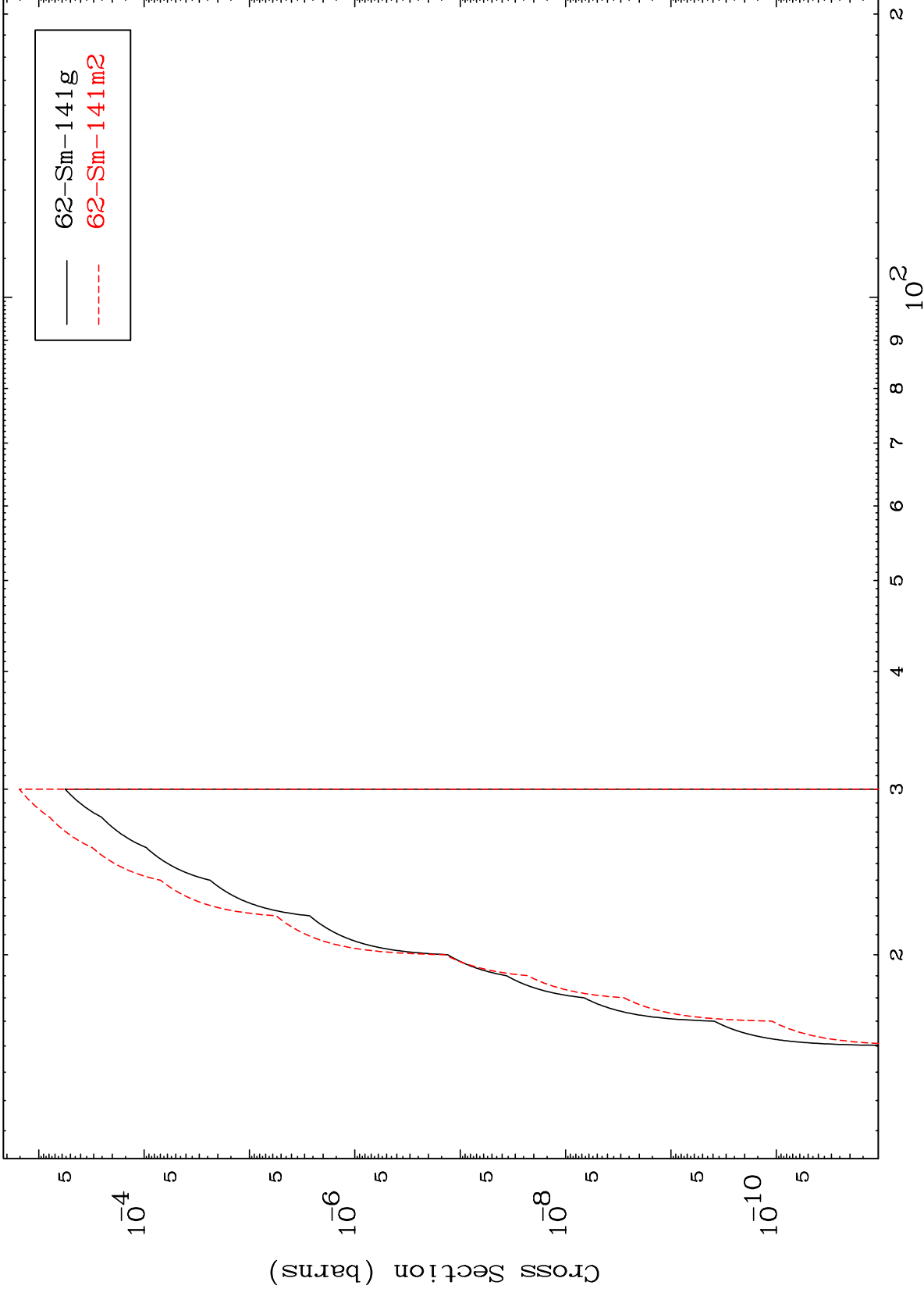


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(n,d)

61-Pm-139

Radionuclide Production Cross Section



16

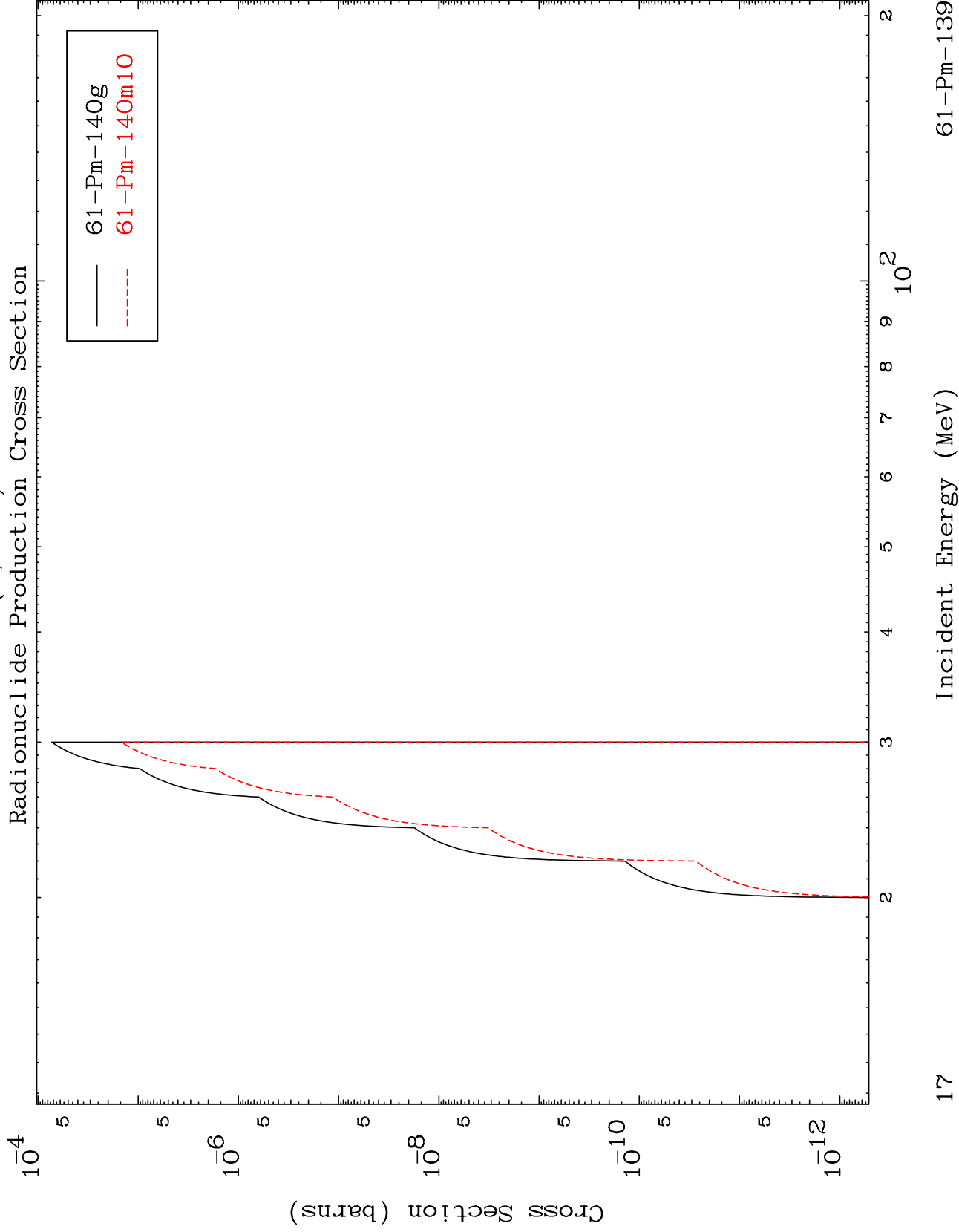
Incident Energy (MeV)

61-Pm-139

MAT 6125

(n,He-3)

61-Pm-139



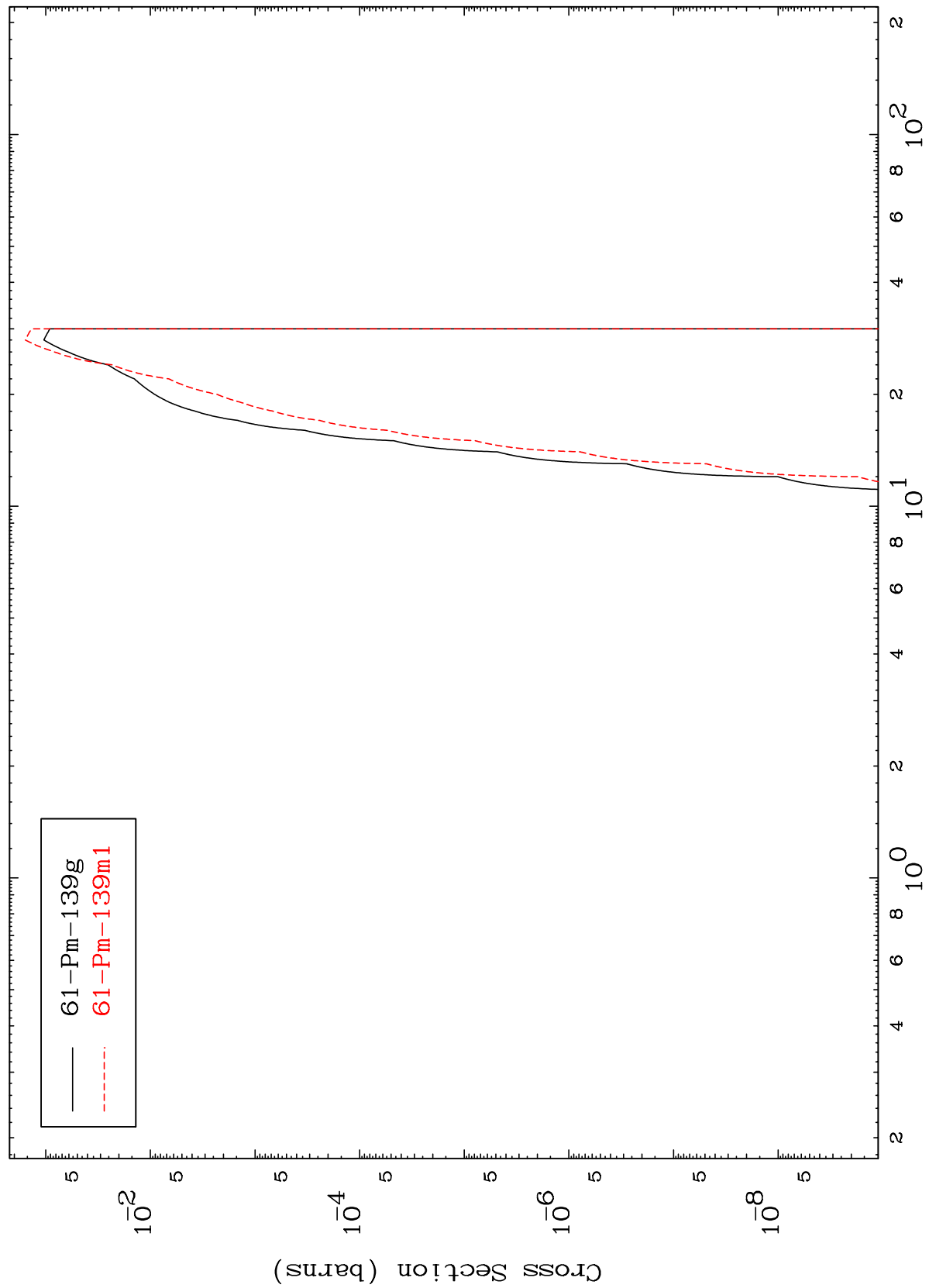
17

61-Pm-139

MAT 6125

61-Pm-139

(n,α)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

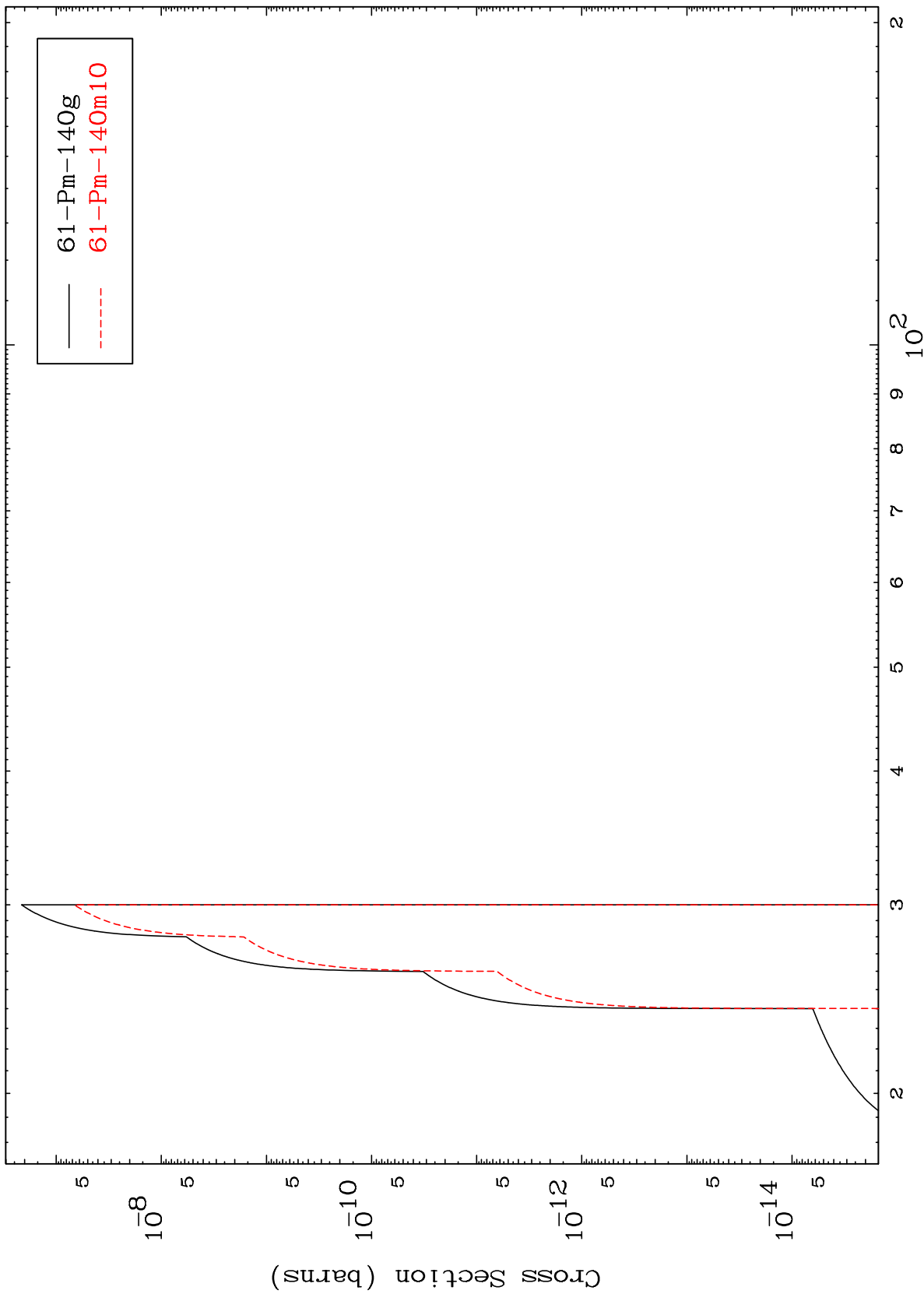
61-Pm-139

MAT 6125

(n,p) d

61-Pm-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

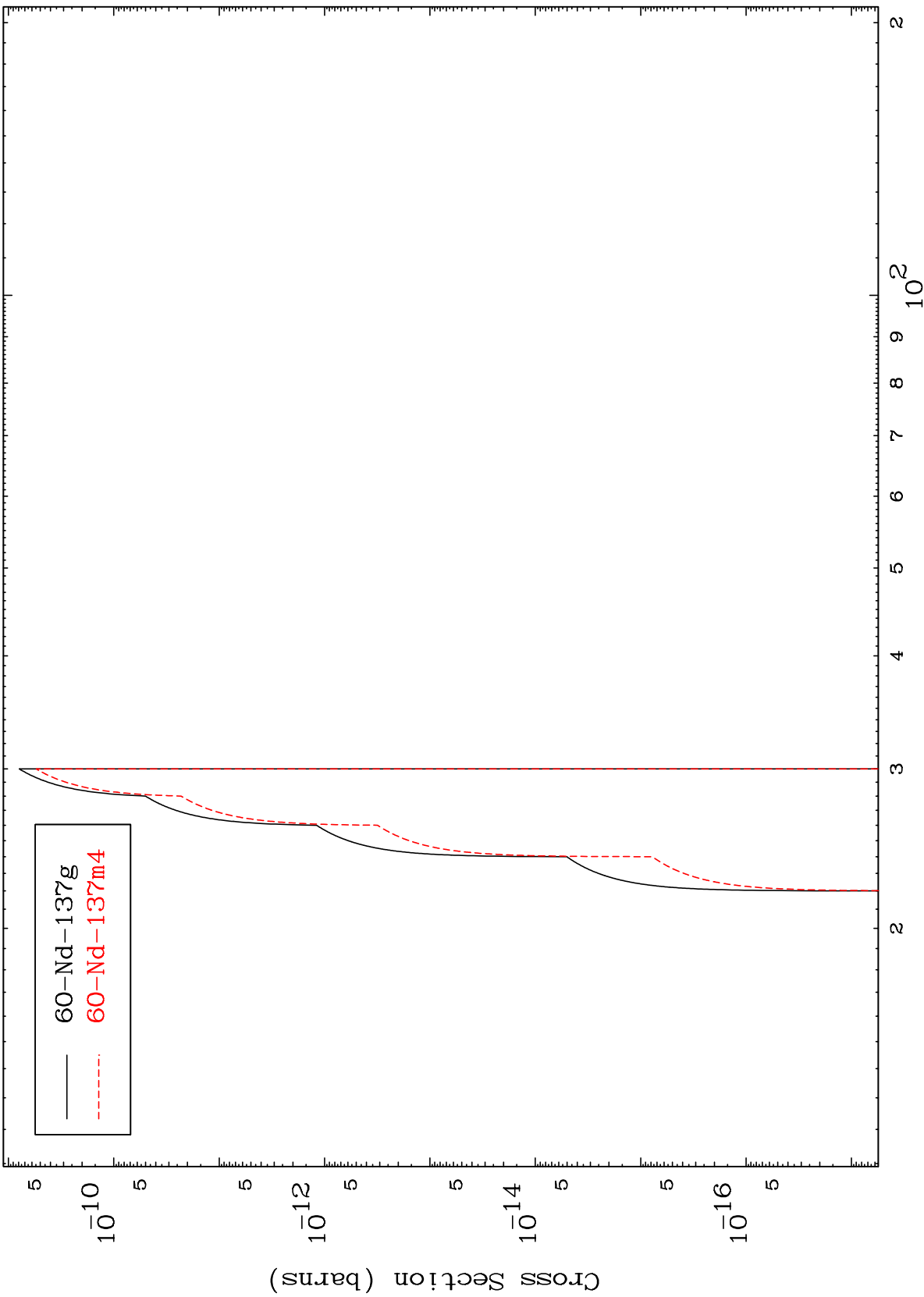
61-Pm-139

MAT 6125

(n,d)  $\alpha$

61-Pm-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

61-Pm-139