

Program EVALPLOT  
(Version 2018-1)

by

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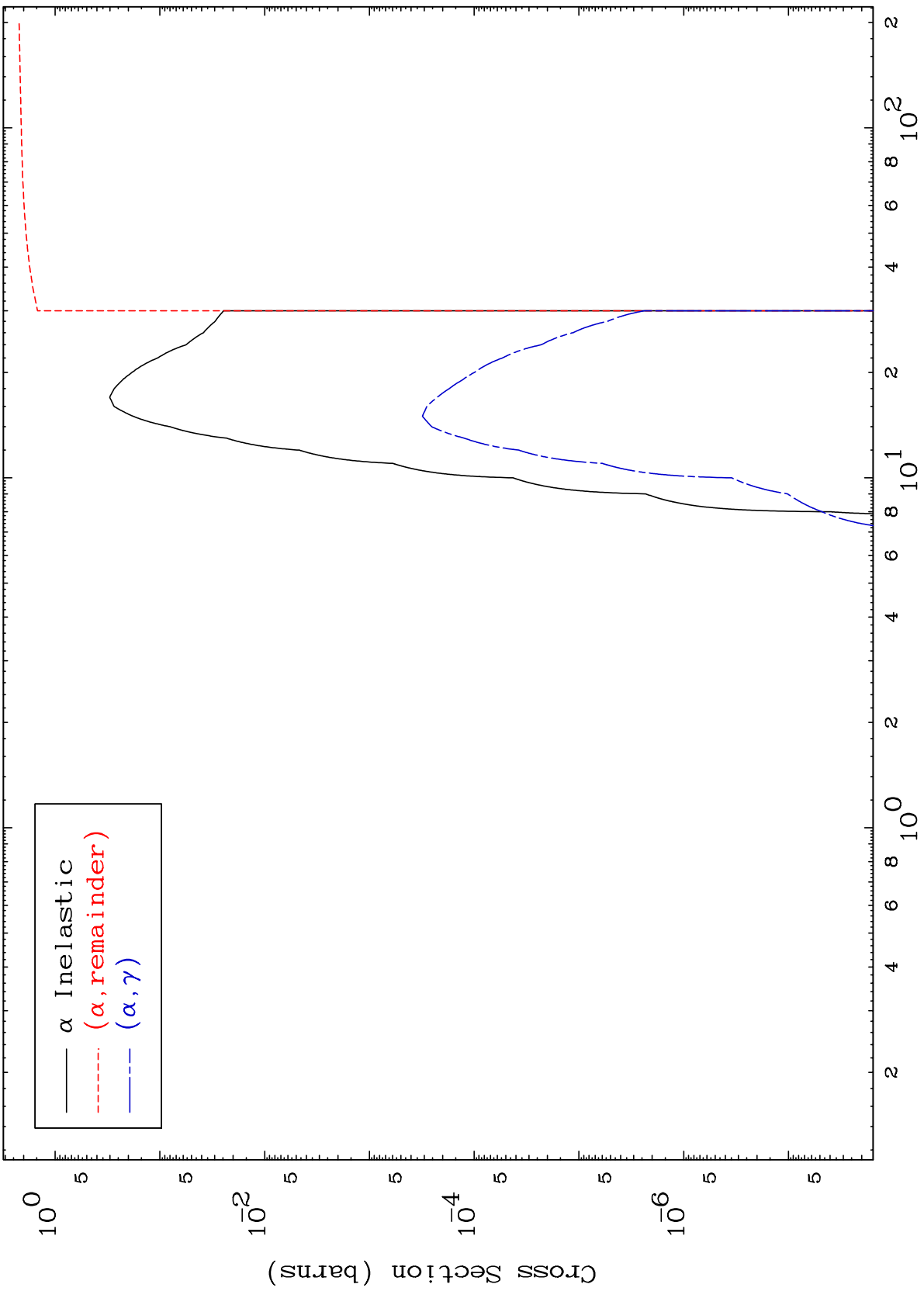
Press Mouse Button to Start

MAT 5049

$\alpha$  Major

50-Sn-120

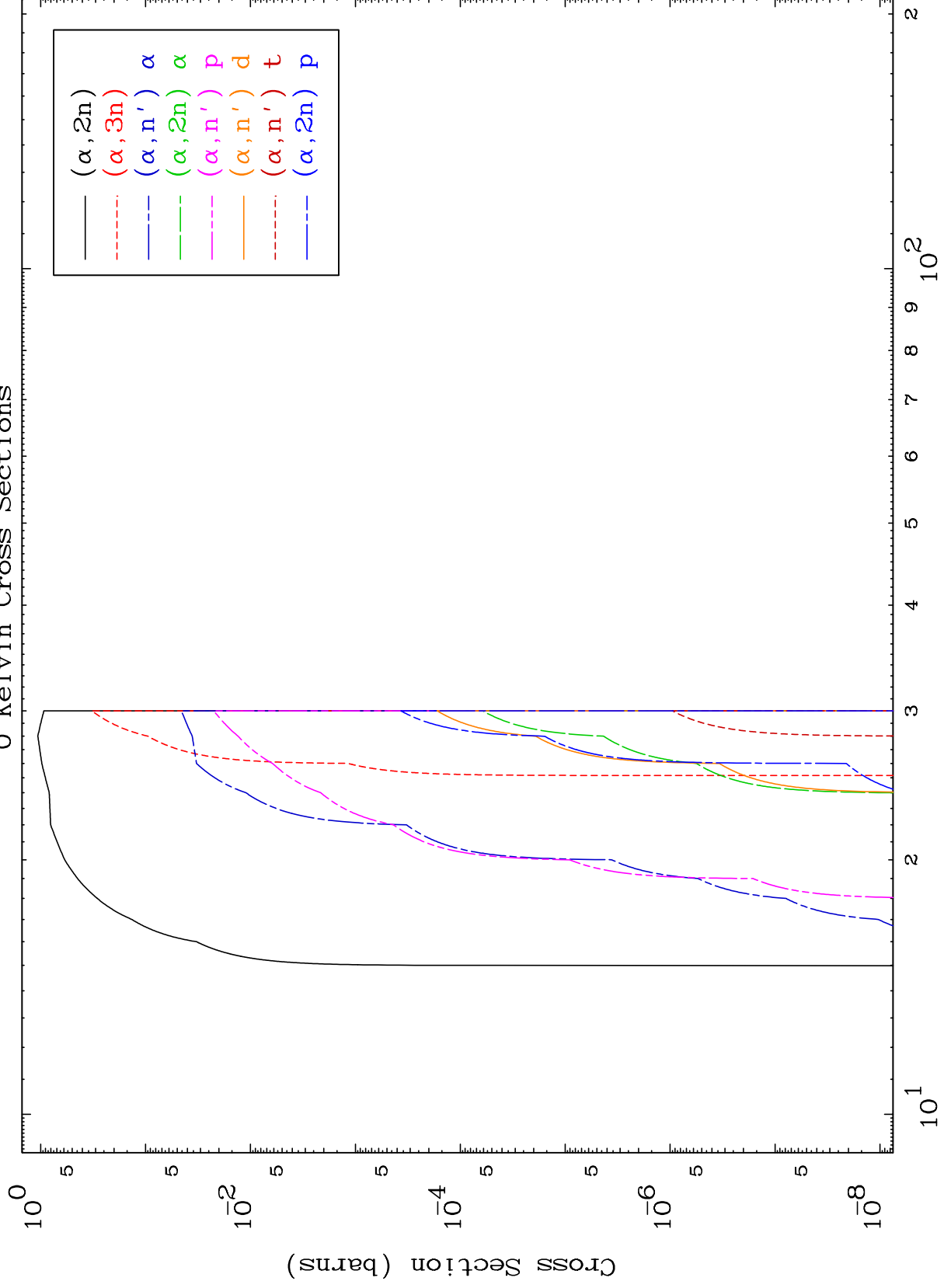
0 Kelvin Cross Sections



MAT 5049

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

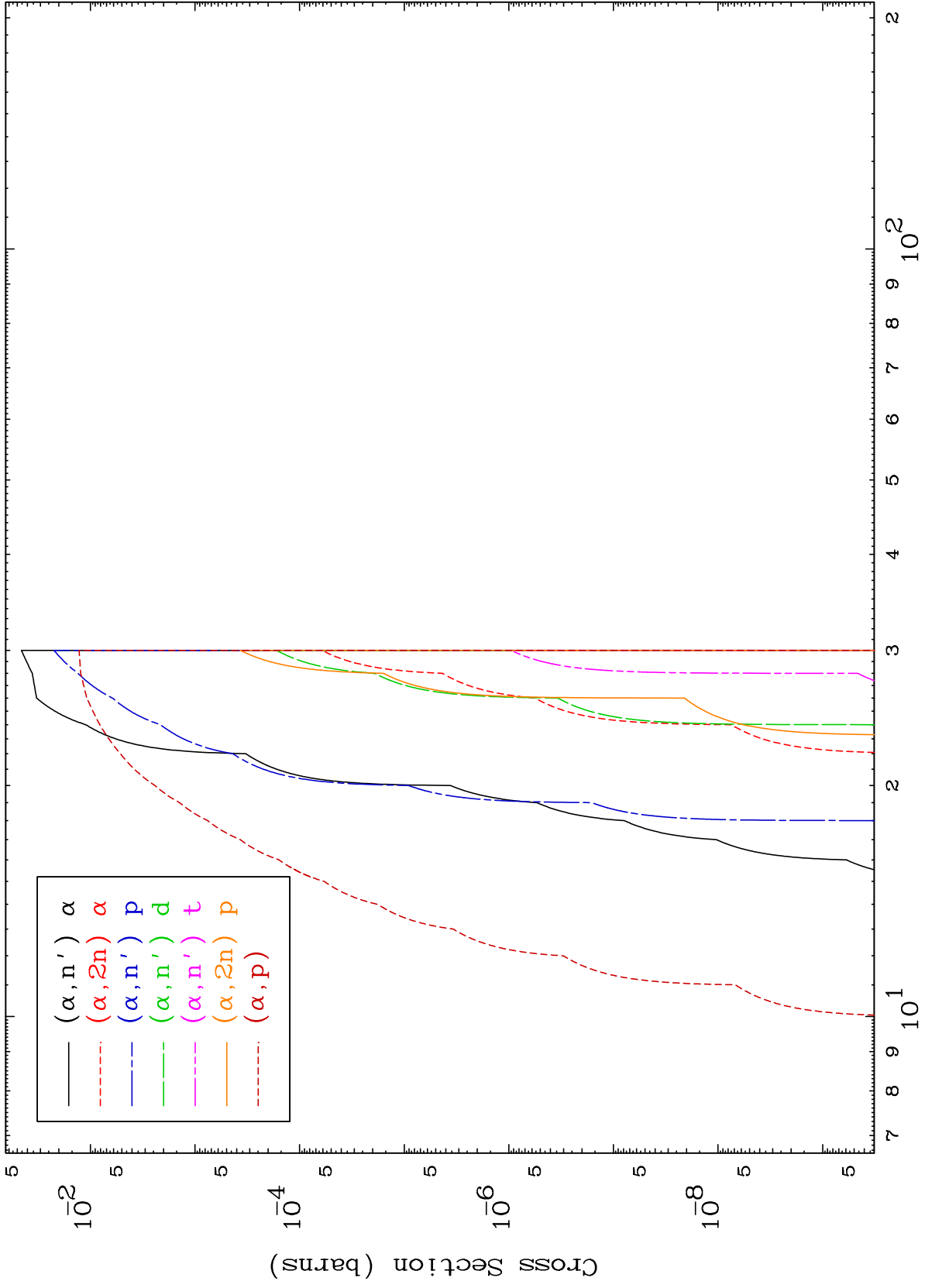
50-Sn-120

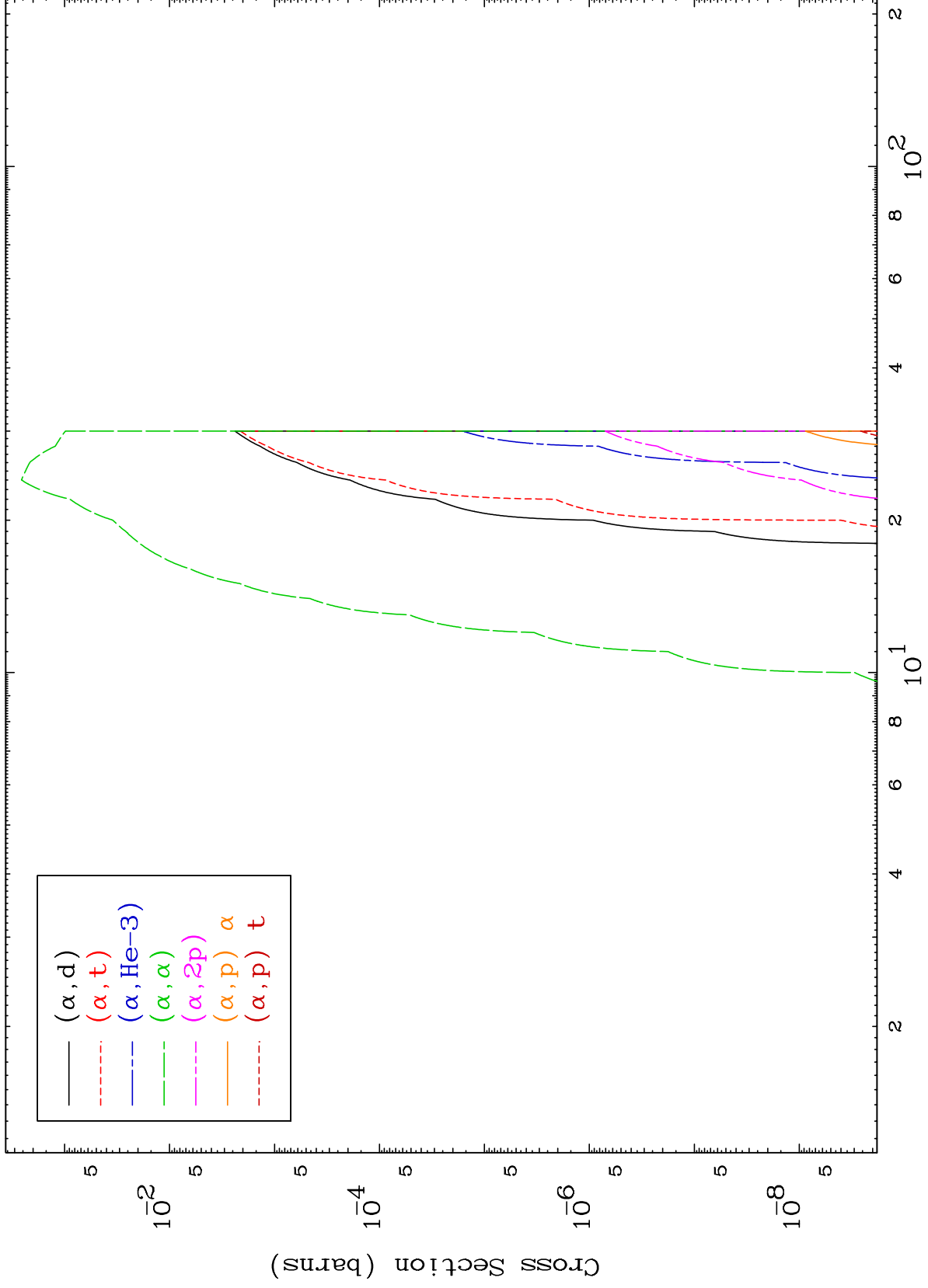


50-Sn-120

Incident Energy (MeV)

2

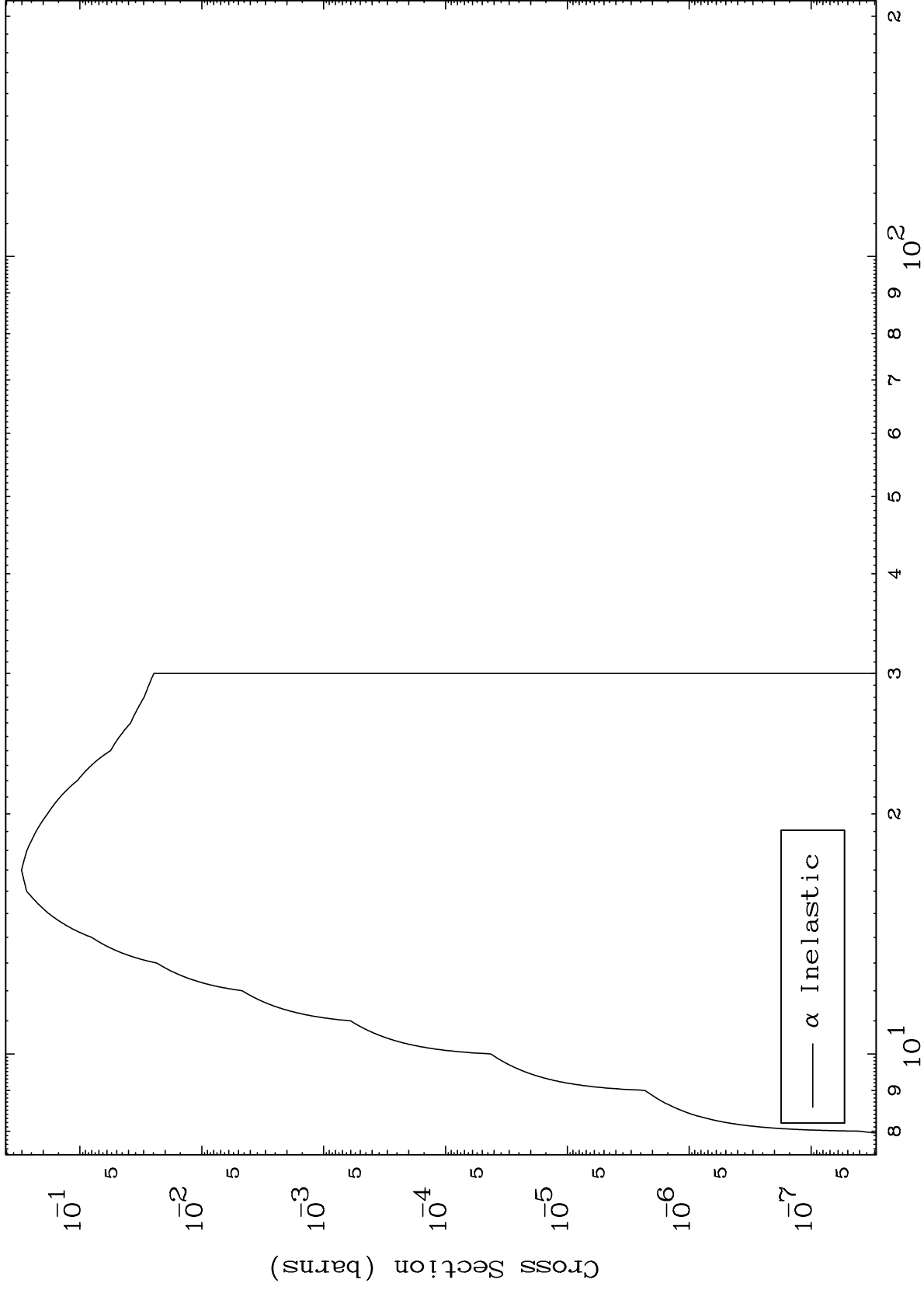




MAT 5049

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

50-Sn-120



5

Incident Energy (MeV)

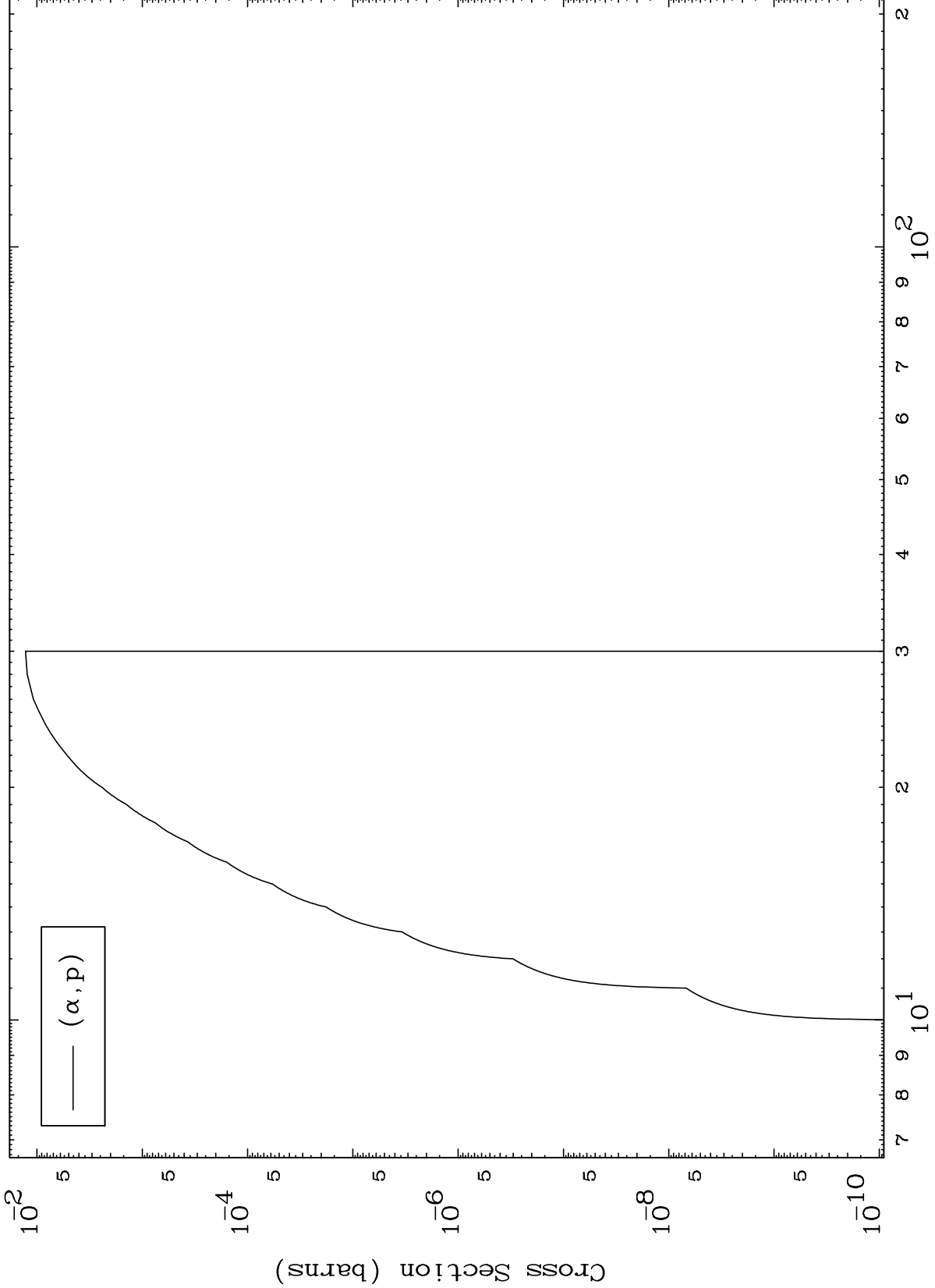
50-Sn-120

MAT 5049

( $\alpha, p$ ) Levels

50-Sn-120

0 Kelvin Cross Sections



6

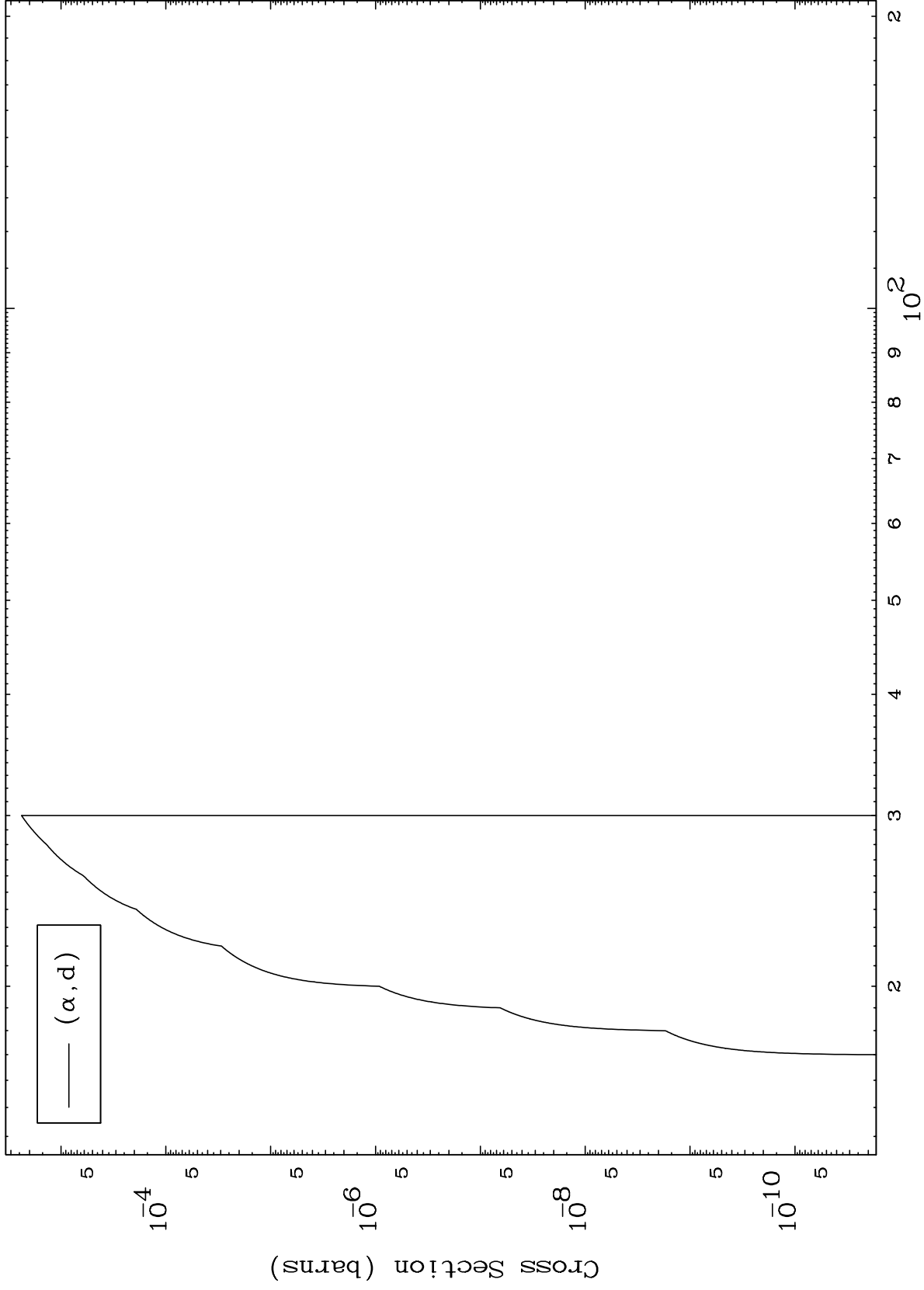
Incident Energy (MeV)

50-Sn-120

MAT 5049

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

50-Sn-120

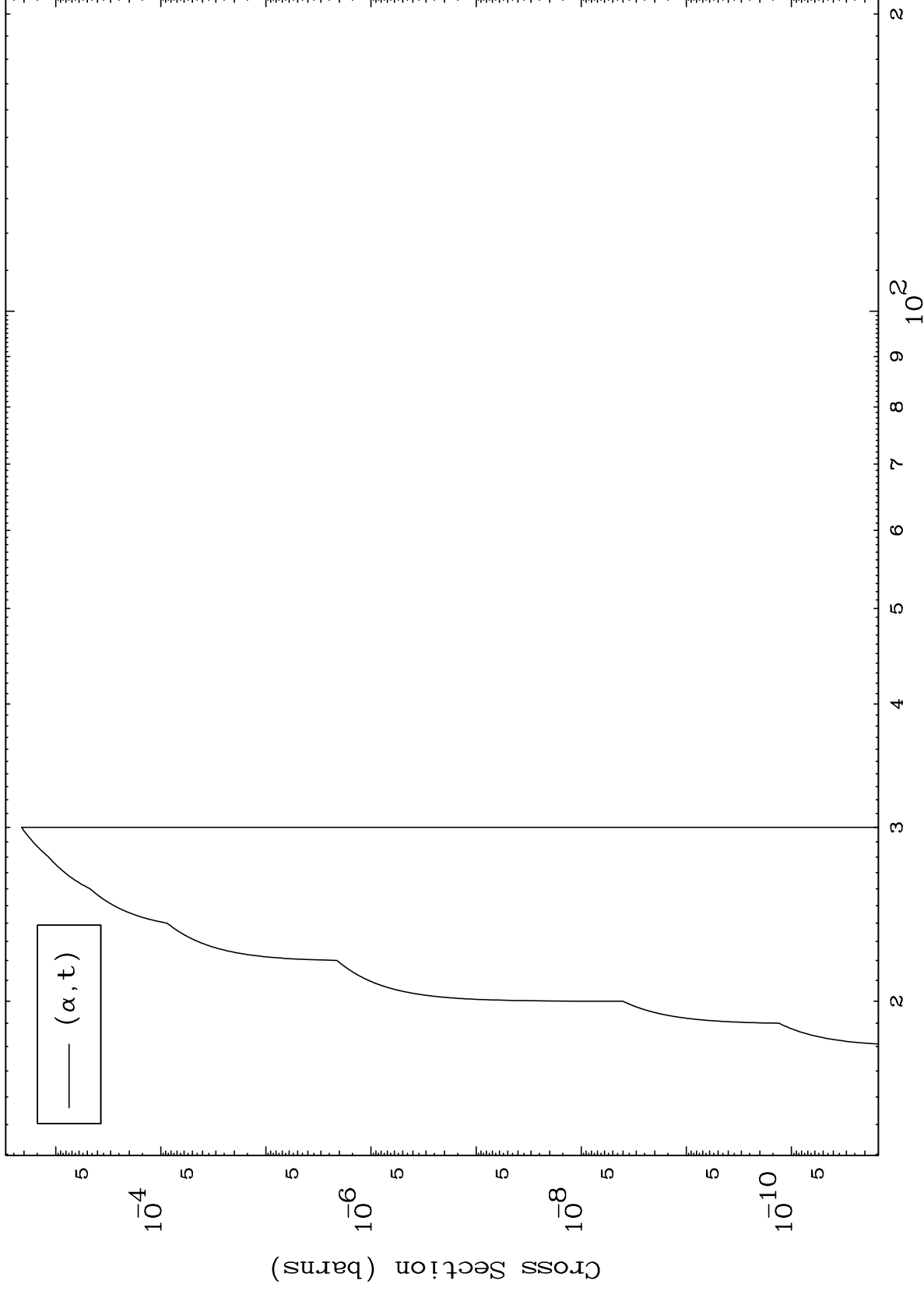




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( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

50-Sn-120

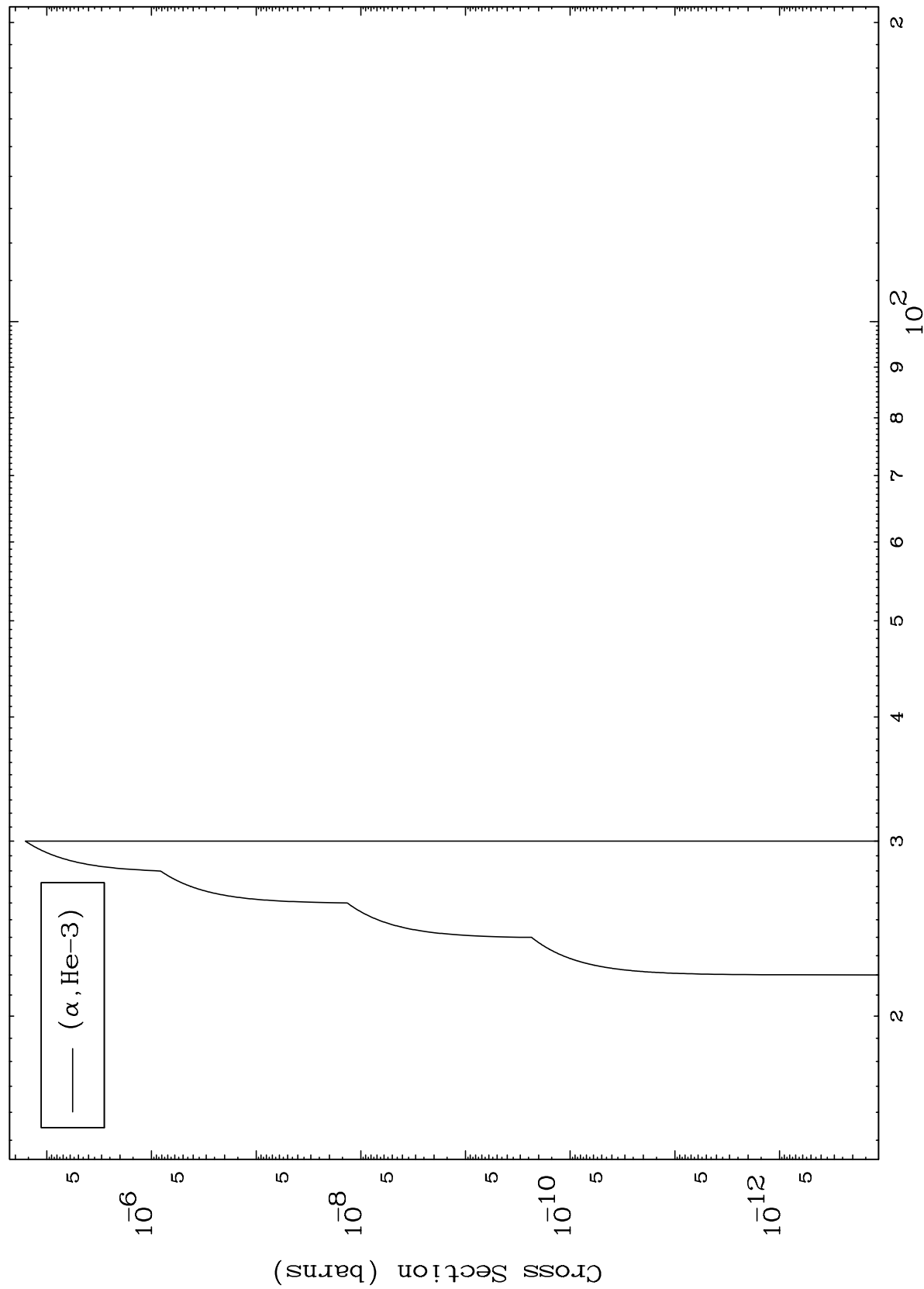


8

Incident Energy (MeV)

50-Sn-120

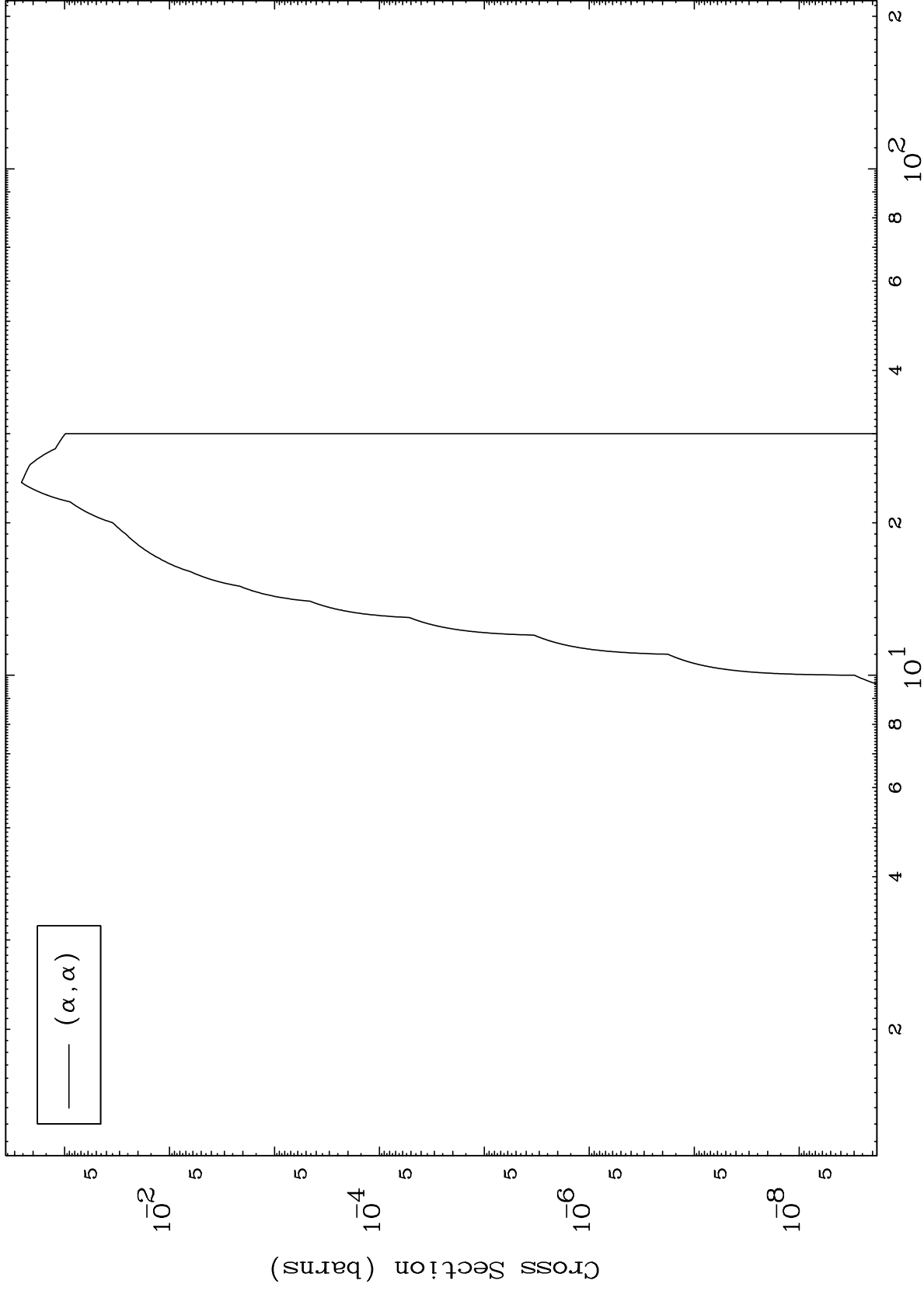
( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections



MAT 5049

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

50-Sn-120



10

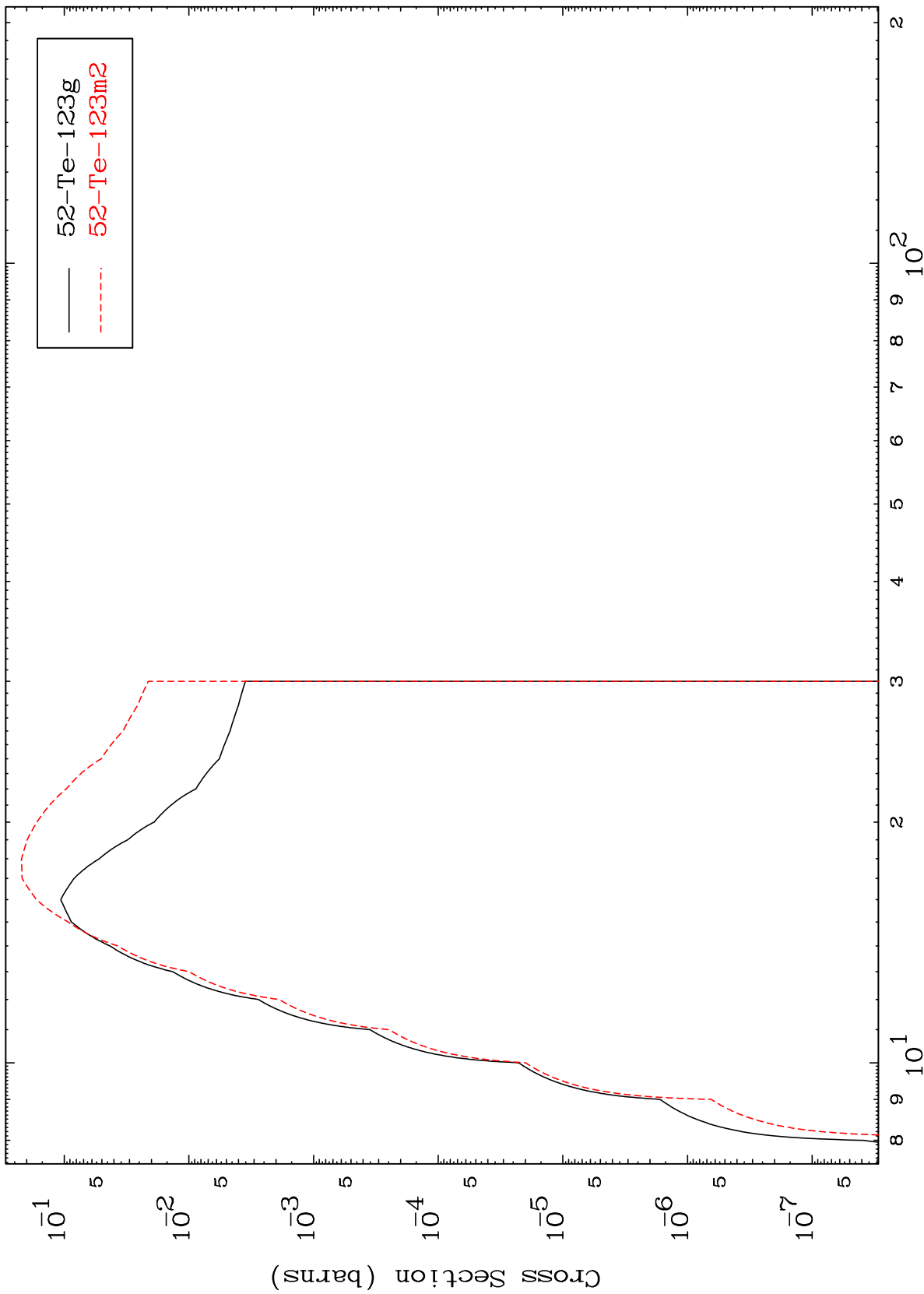
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

Radionuclide Production Cross Section  
 $\alpha$  Inelastic



50-Sn-120

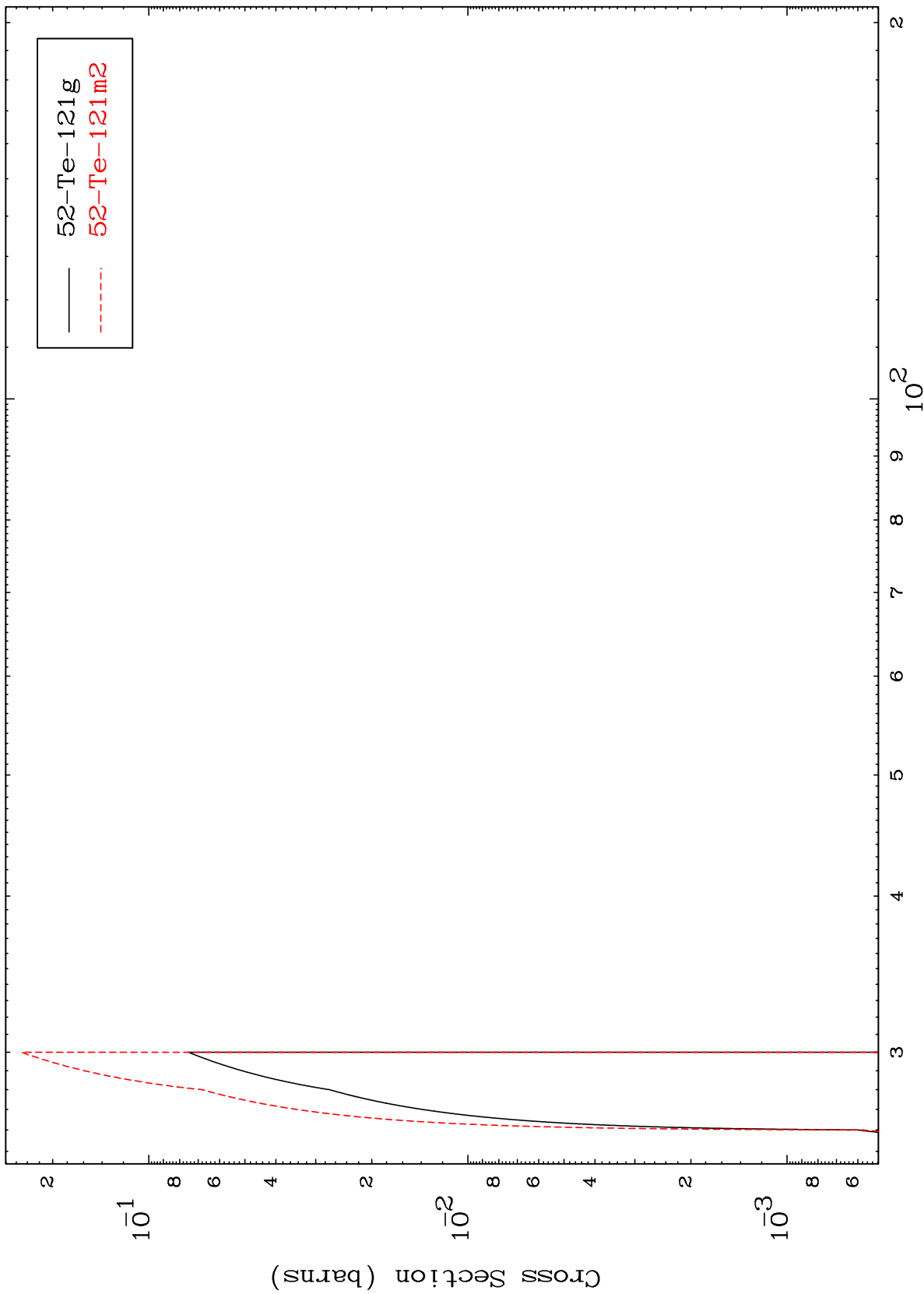
Incident Energy (MeV)

11

MAT 5049

50-Sn-120

$(\alpha, 3n)$   
Radionuclide Production Cross Section



12

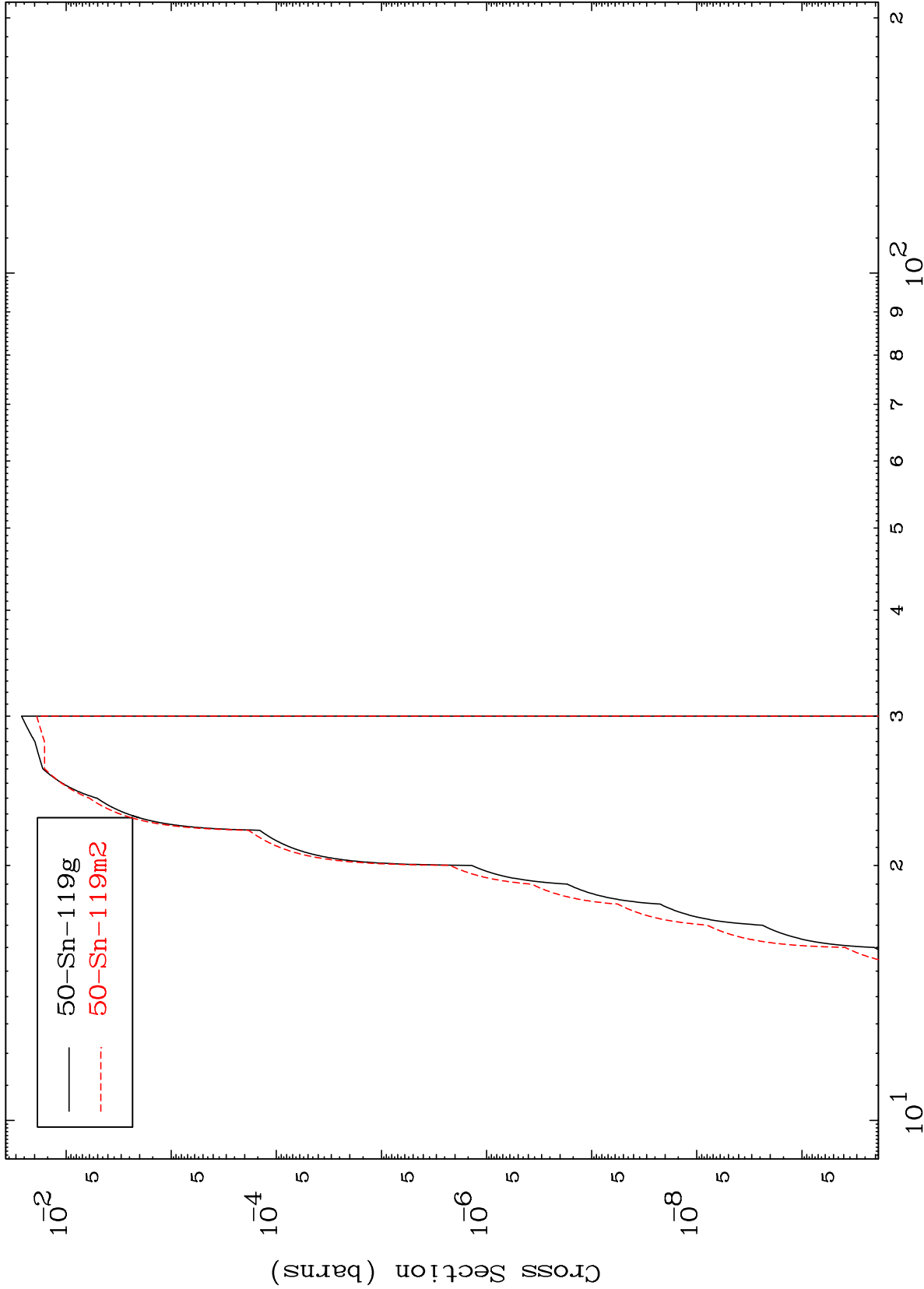
50-Sn-120

MAT 5049

50-Sn-120

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

Radionuclide Production Cross Section



50-Sn-120

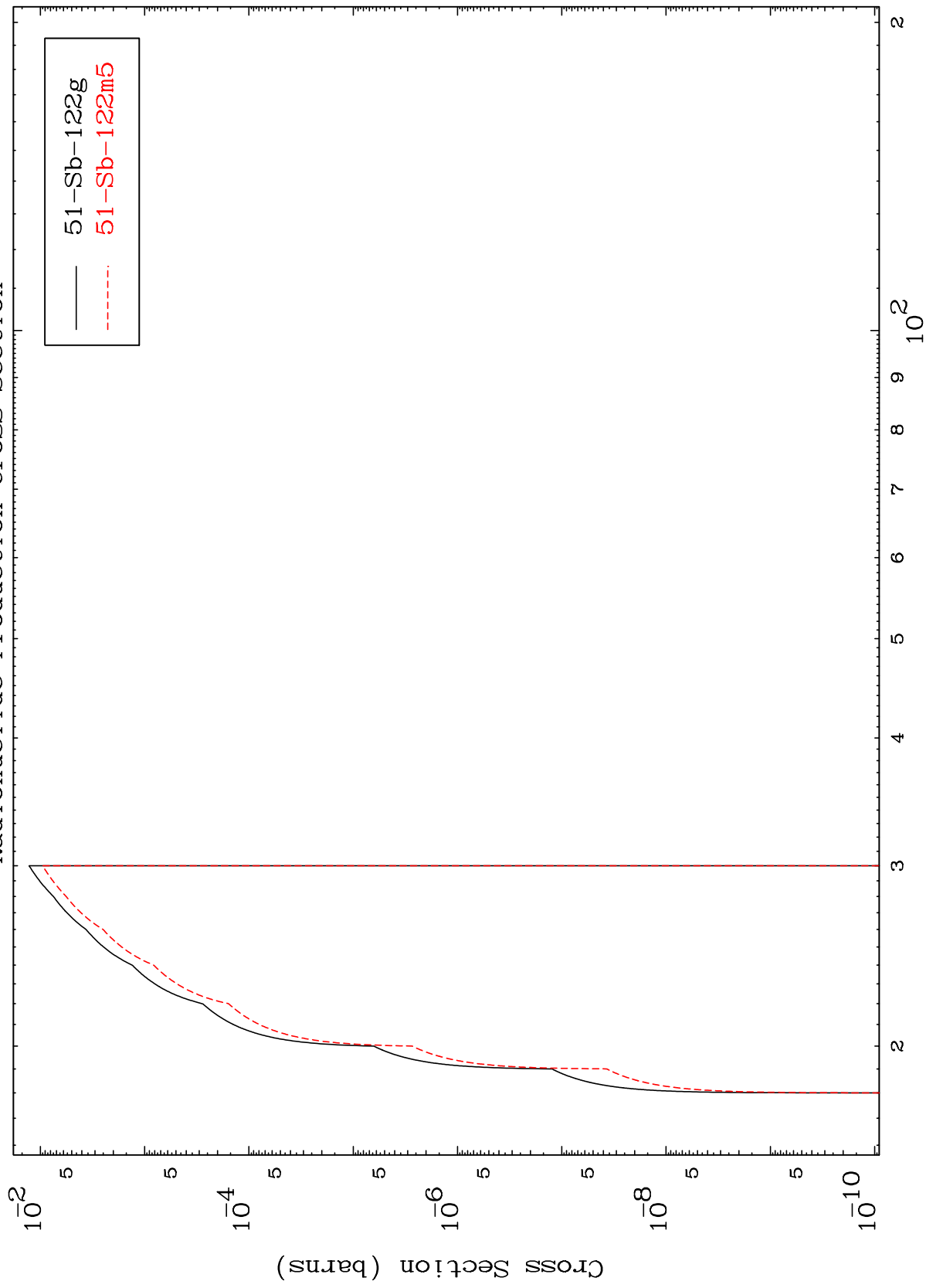
Incident Energy (MeV)

13

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50-Sn-120

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



50-Sn-120

Incident Energy (MeV)

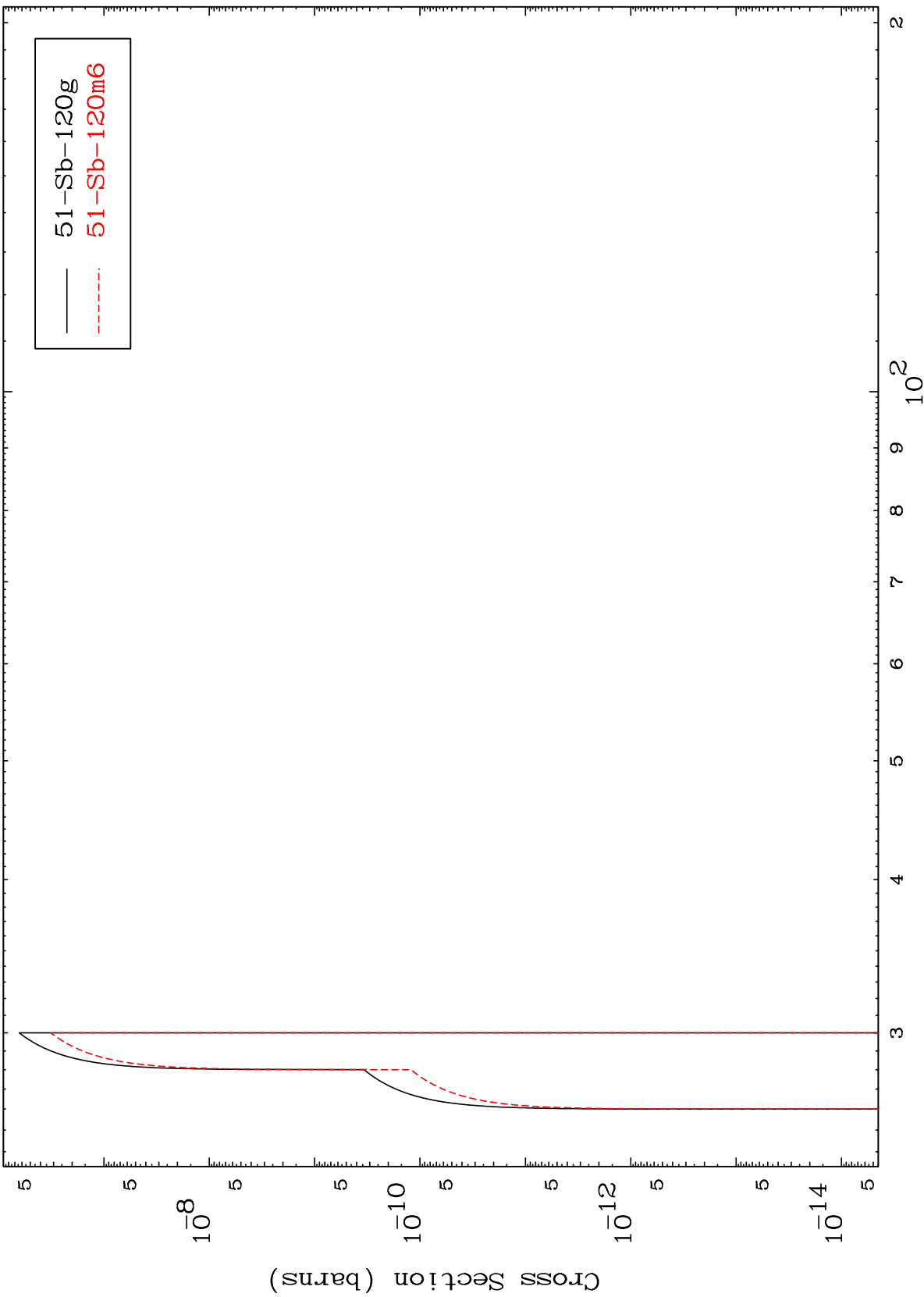
14

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$(\alpha, n')$  t

50-Sn-120

Radionuclide Production Cross Section



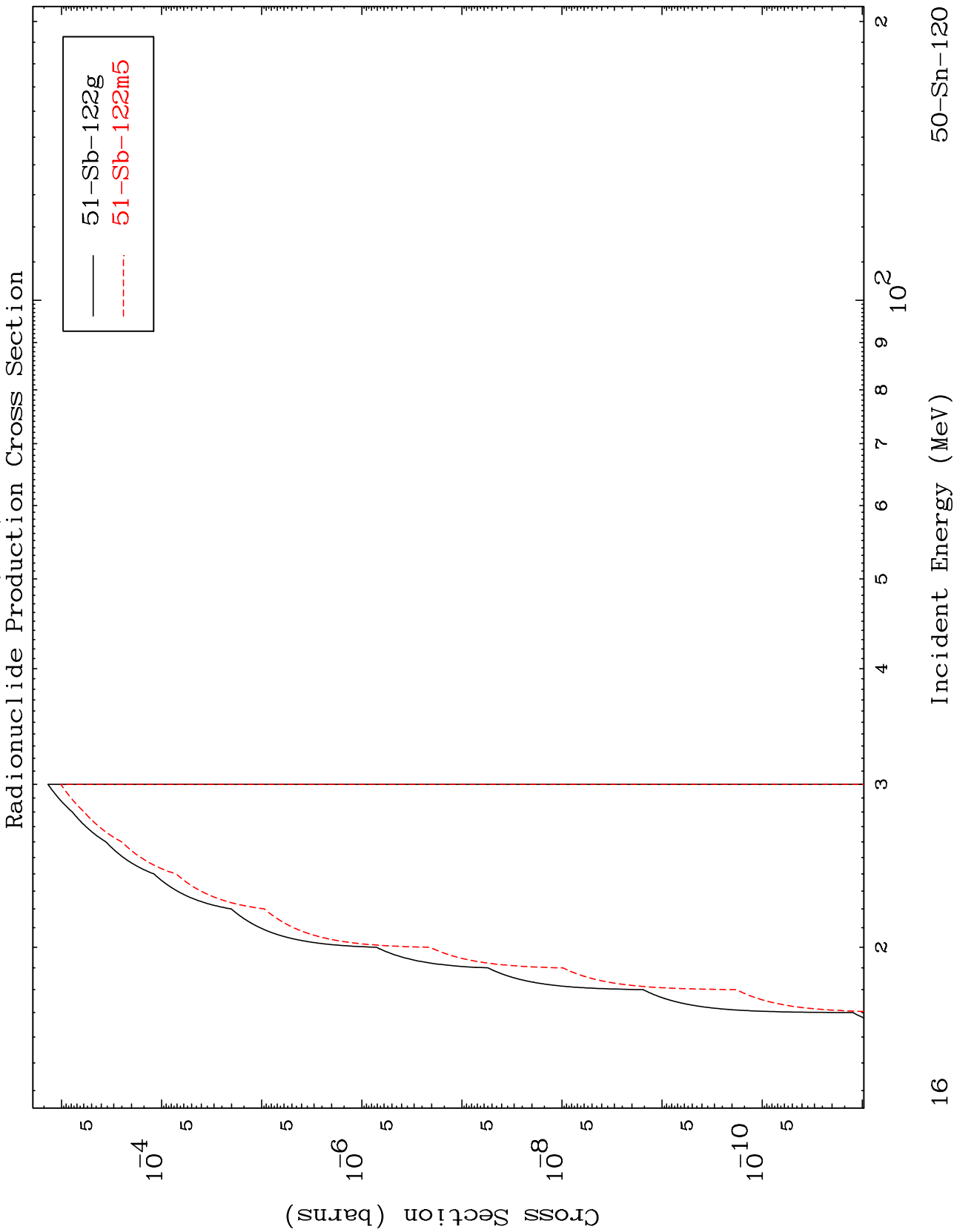
51-Sb-120g  
51-Sb-120m6

15

Incident Energy (MeV)

50-Sn-120

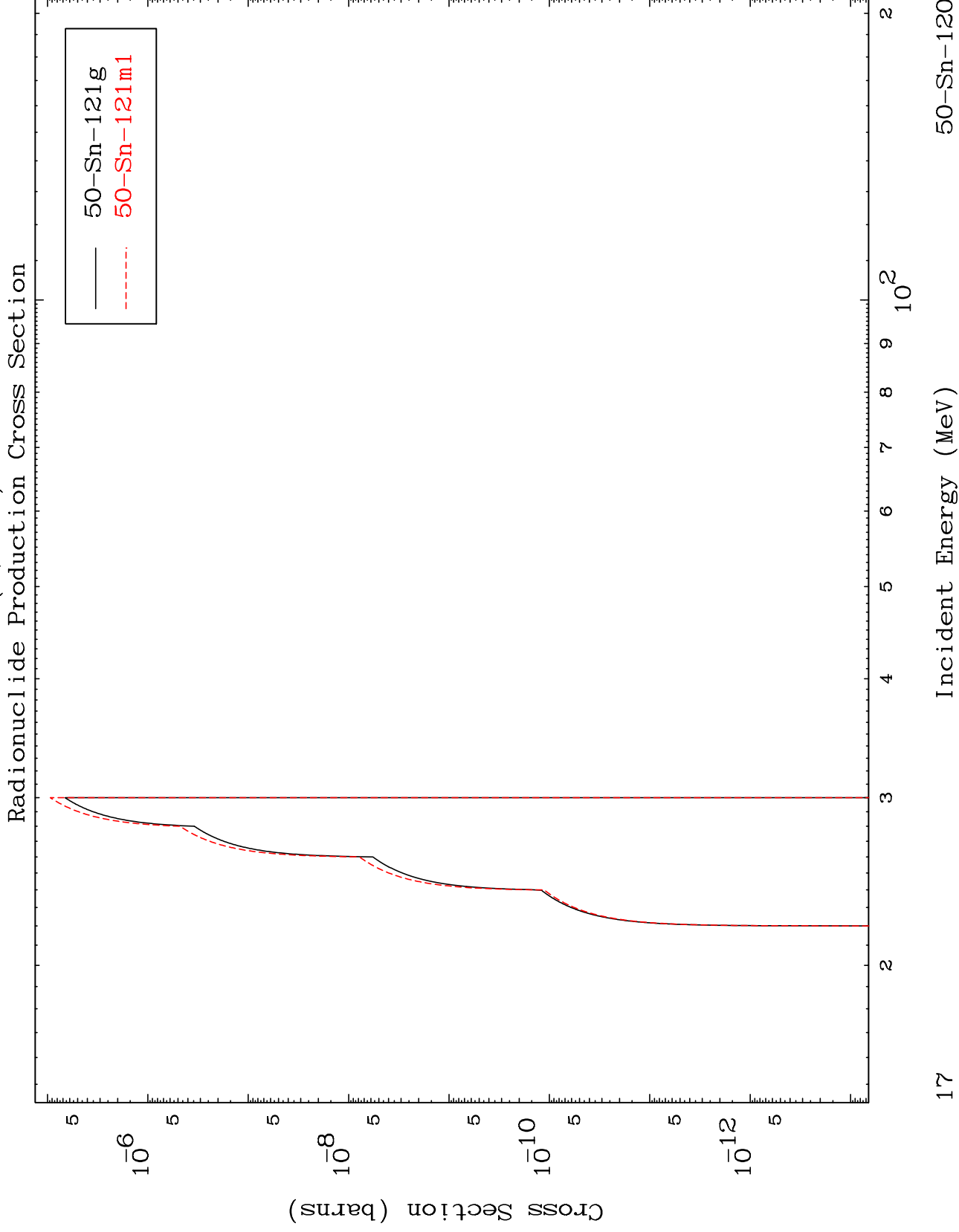




MAT 5049

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

50-Sn-120

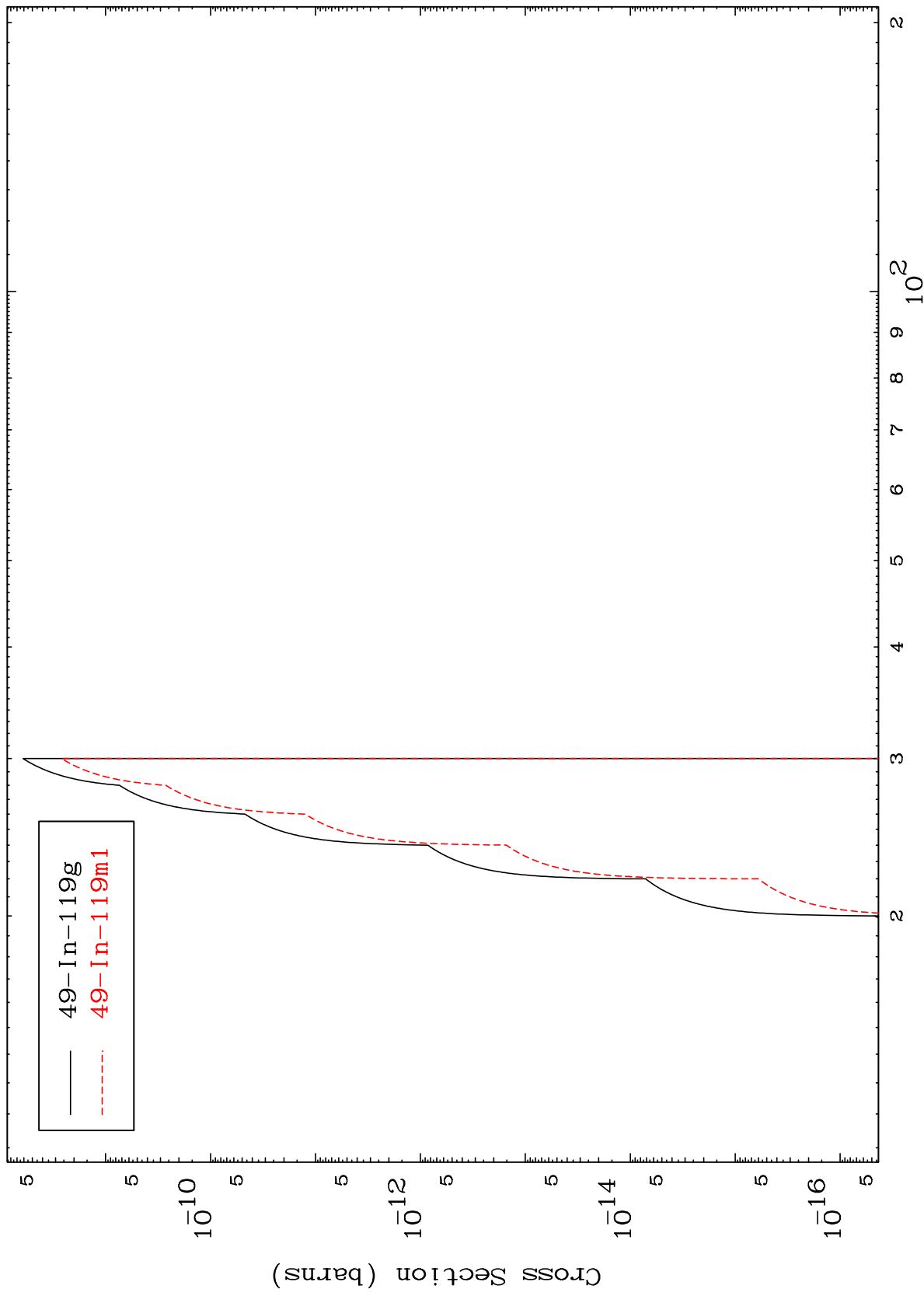


MAT 5049

50-Sn-120

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

Radionuclide Production Cross Section



18

Incident Energy (MeV)

50-Sn-120