

Program EVALPLOT  
(Version 2018-1)

by

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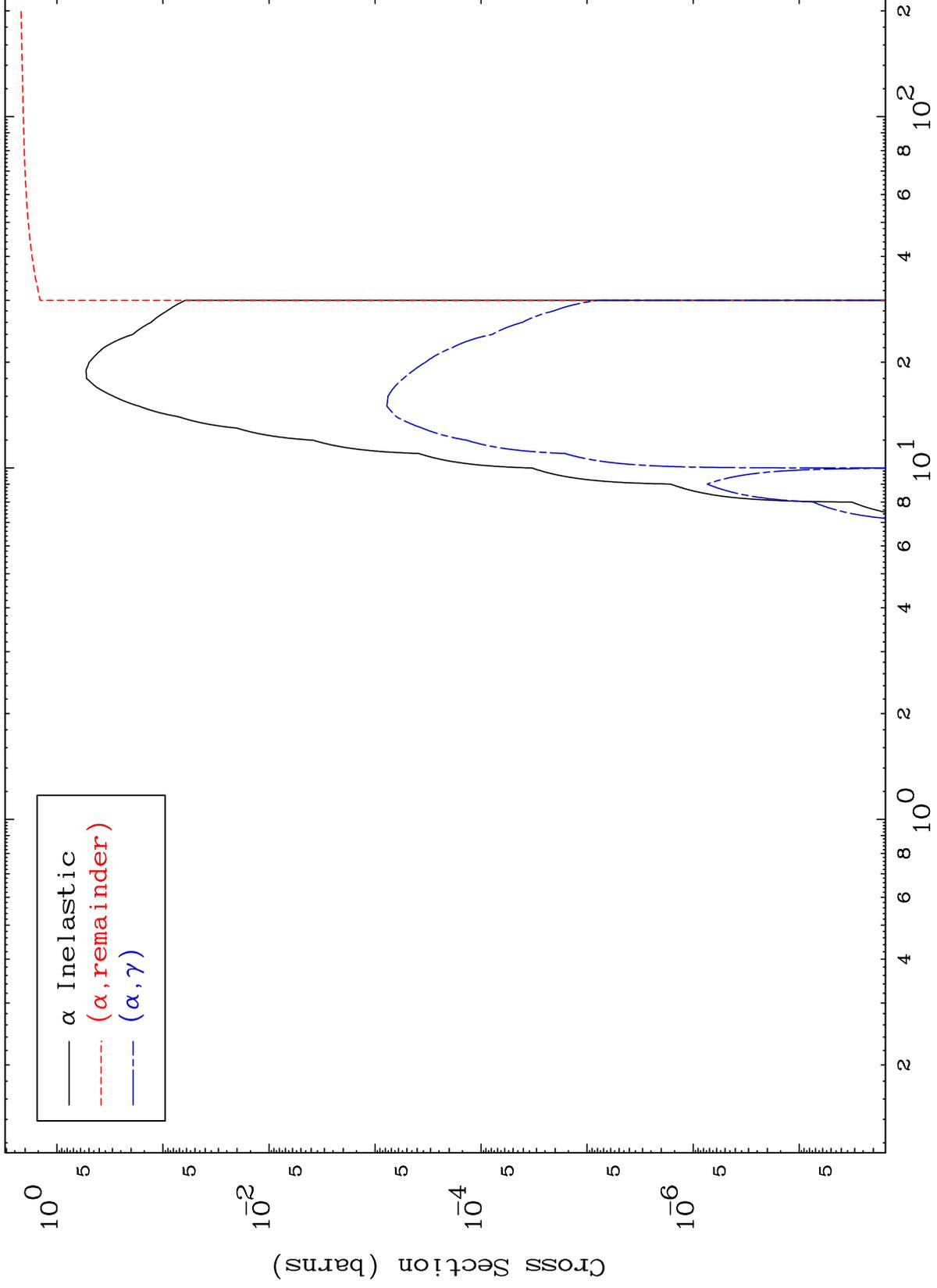
Press Mouse Button to Start

MAT 5041

$\alpha$  Major

50-Sn-117

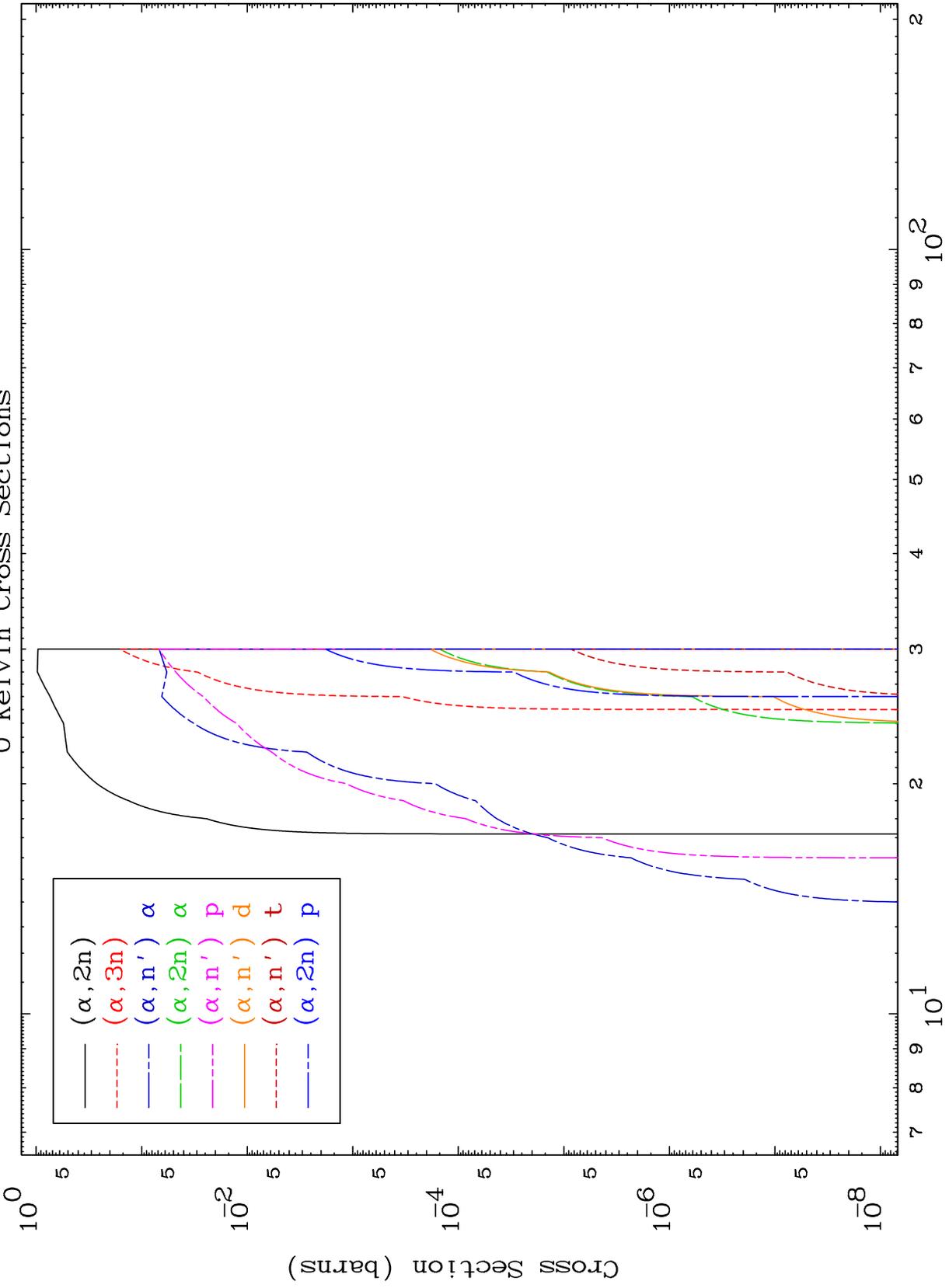
0 Kelvin Cross Sections



MAT 5041

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

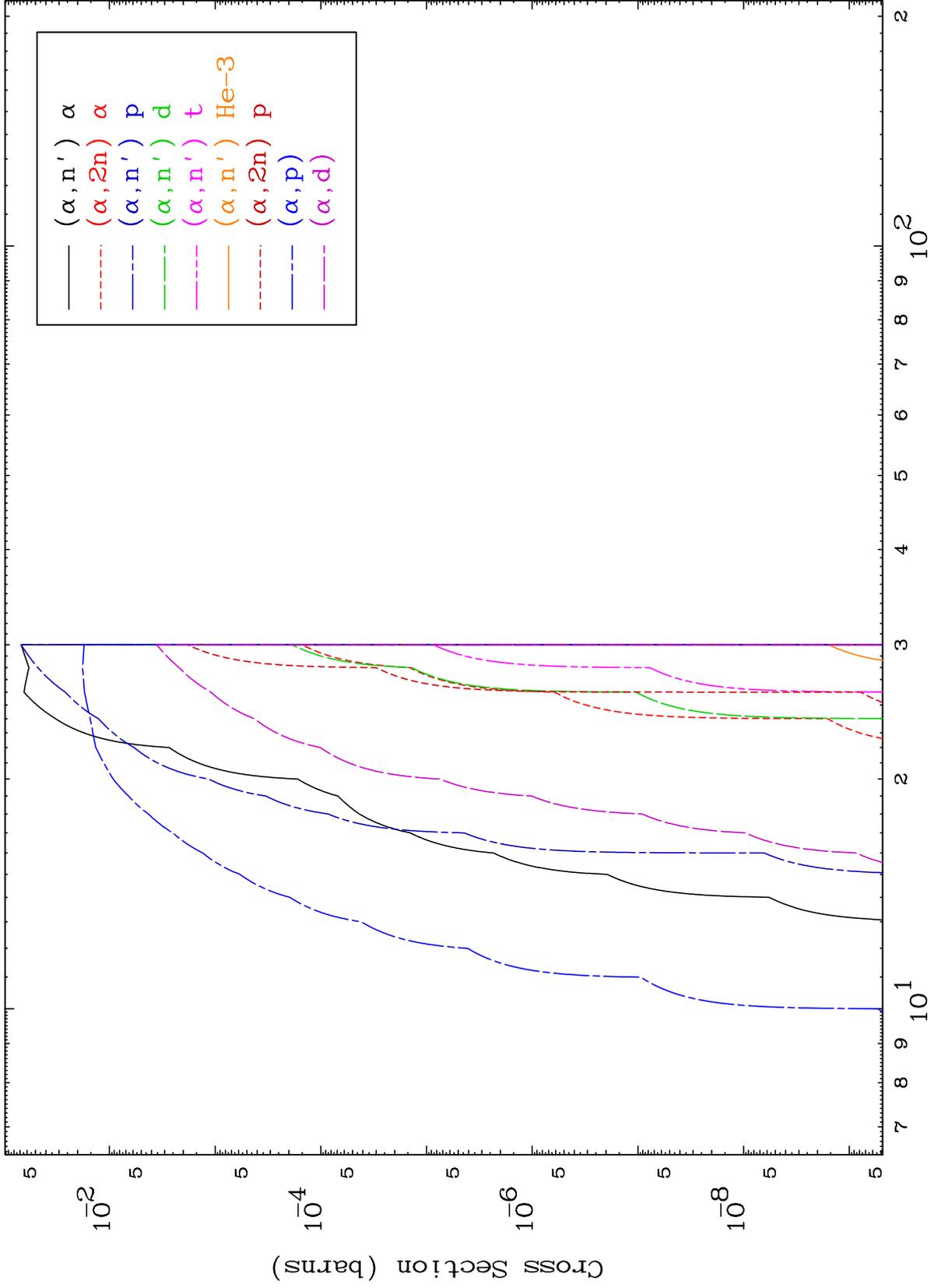
50-Sn-117



2

Incident Energy (MeV)

50-Sn-117

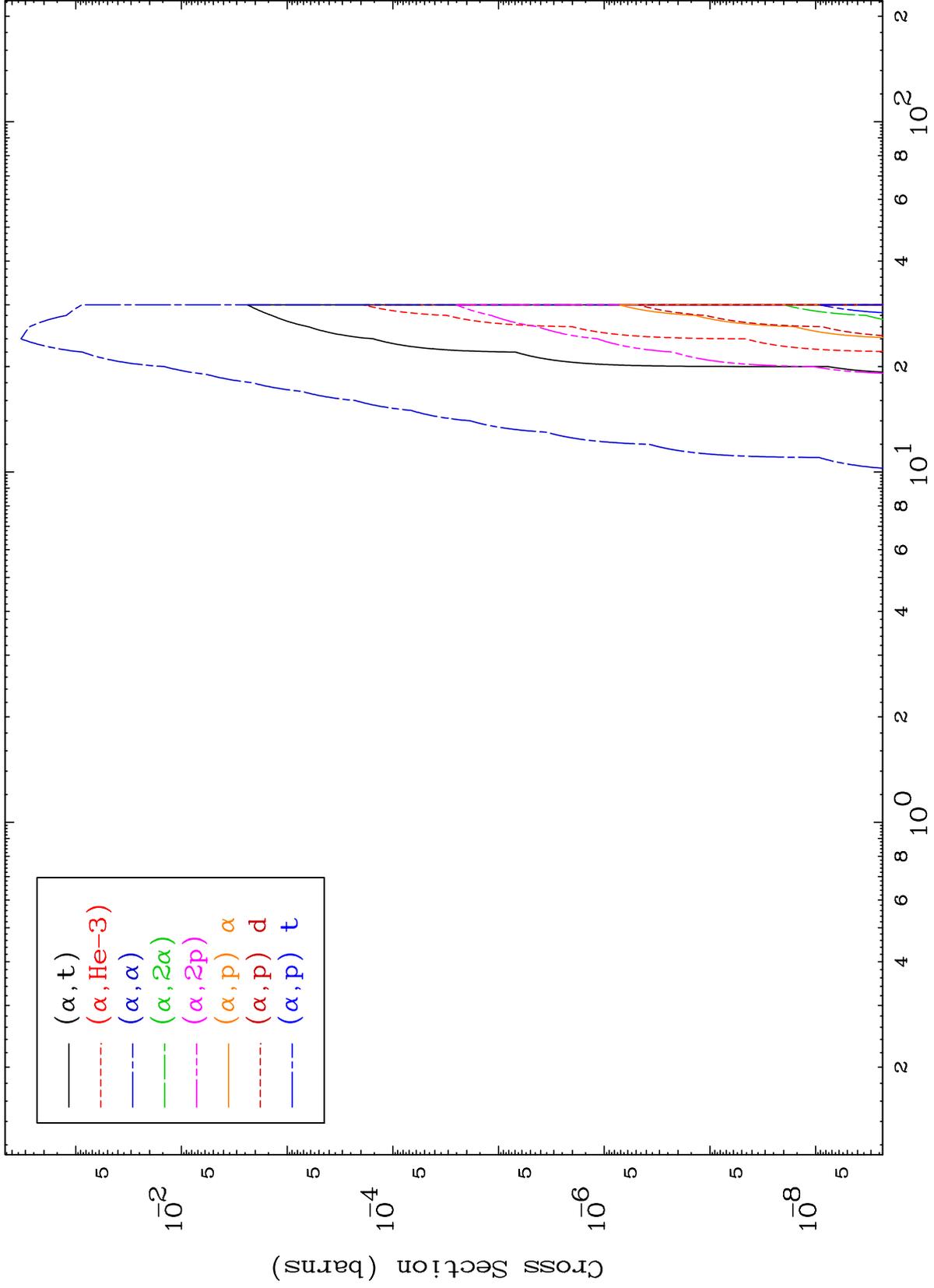


MAT 5041

$\alpha$  Charged Particle

50-Sn-117

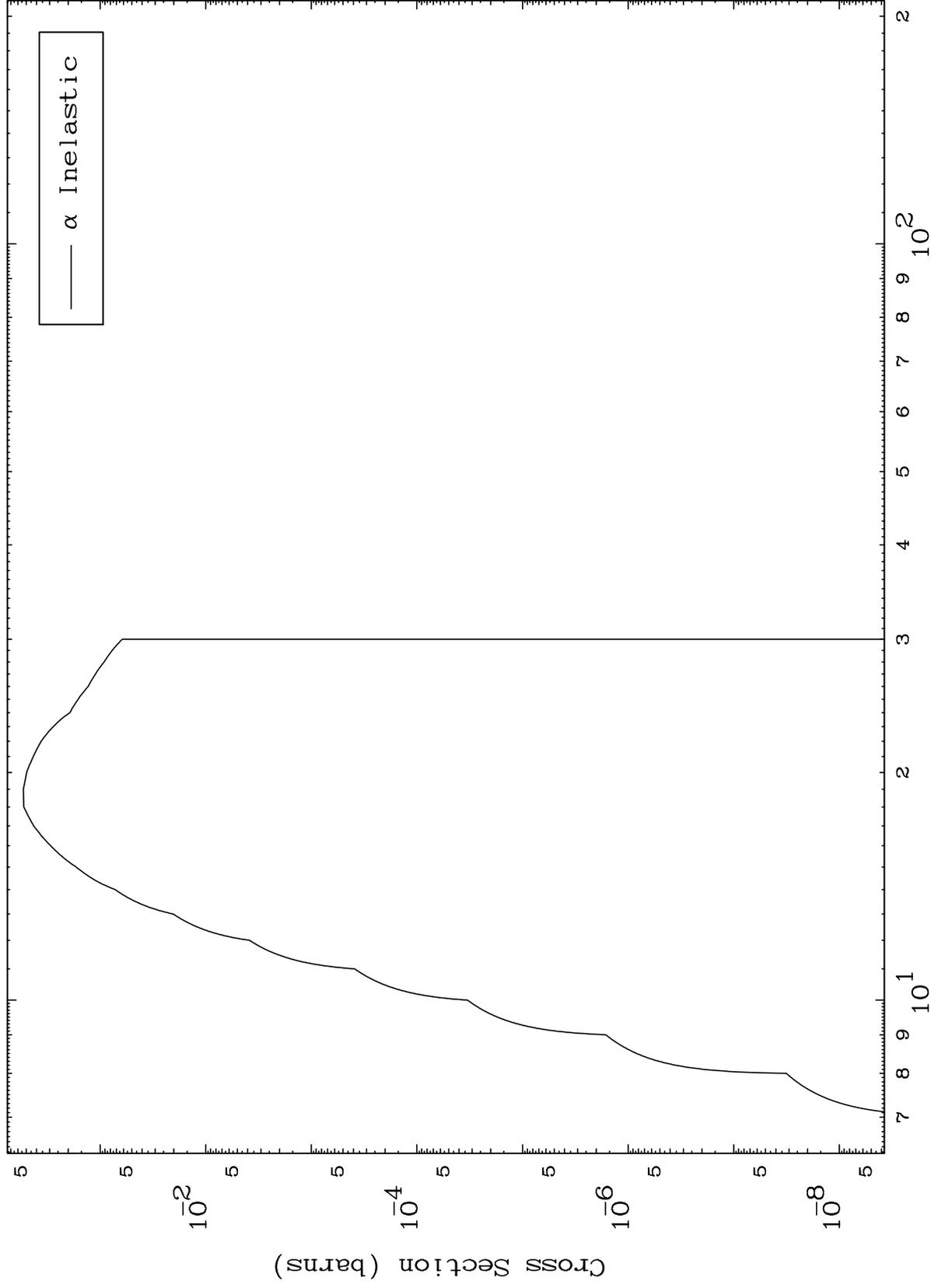
0 Kelvin Cross Sections



MAT 5041

50-Sn-117

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



50-Sn-117

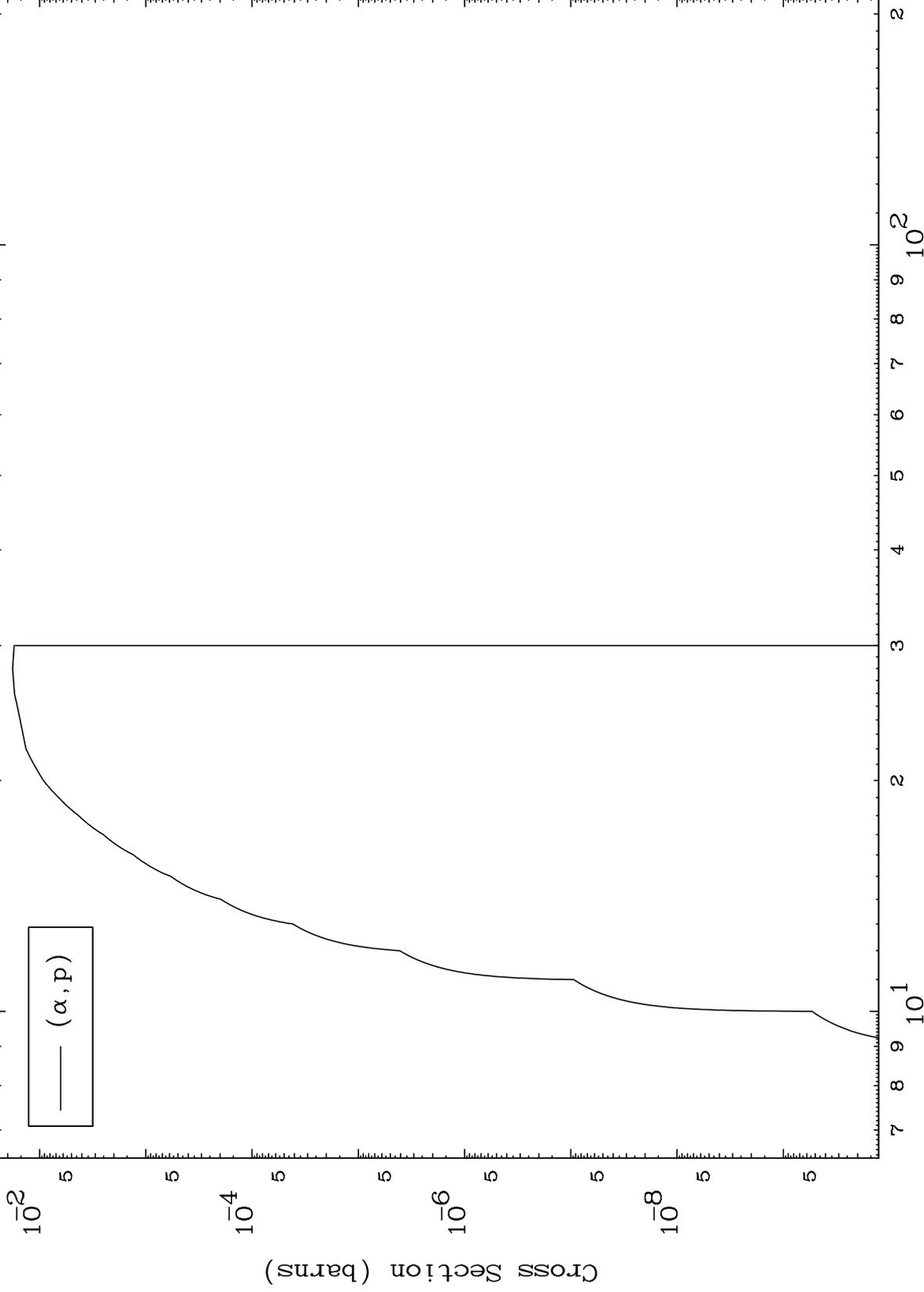
Incident Energy (MeV)

5

MAT 5041

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

50-Sn-117



6

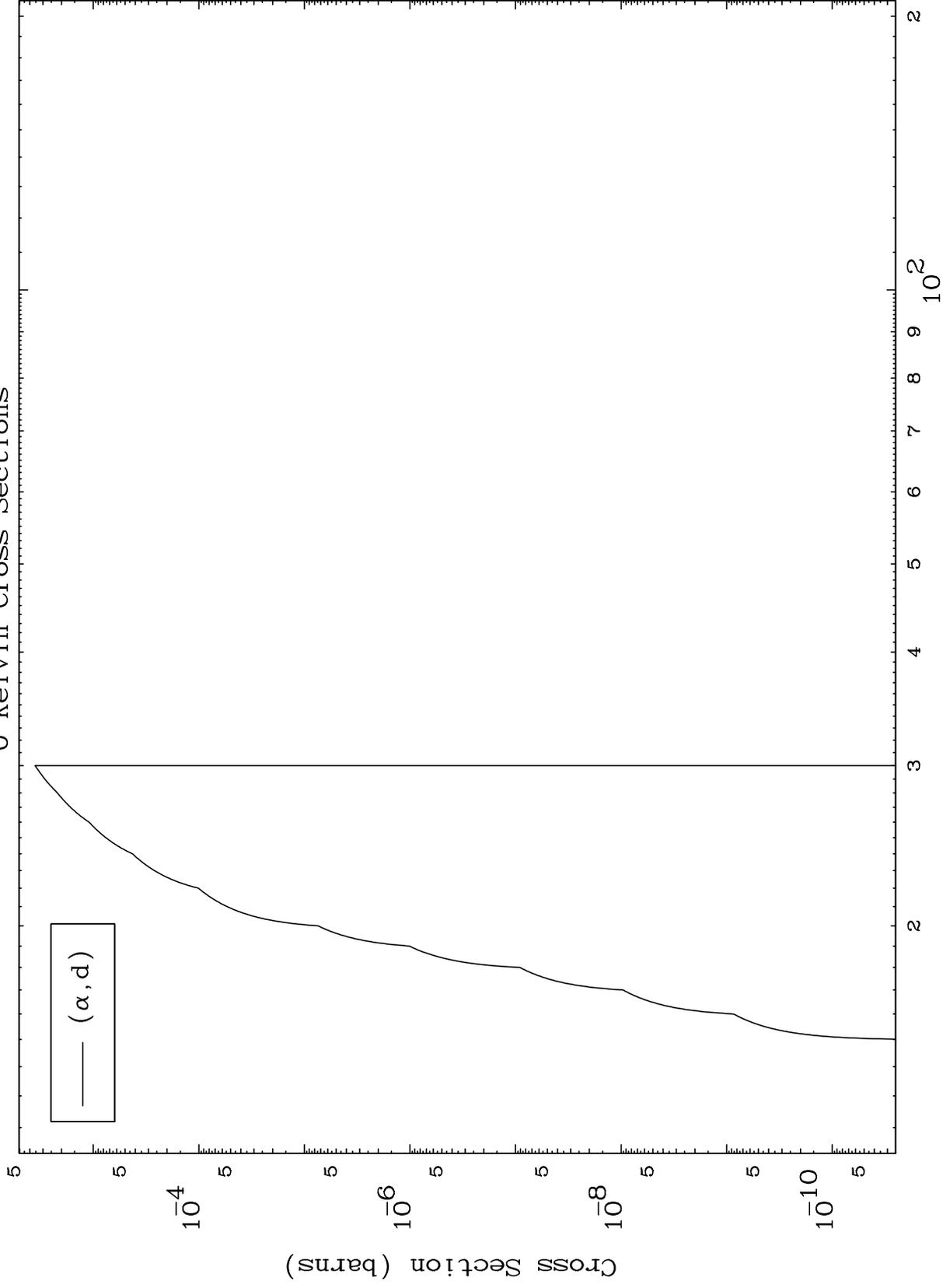
Incident Energy (MeV)

50-Sn-117

MAT 5041

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

50-Sn-117



7

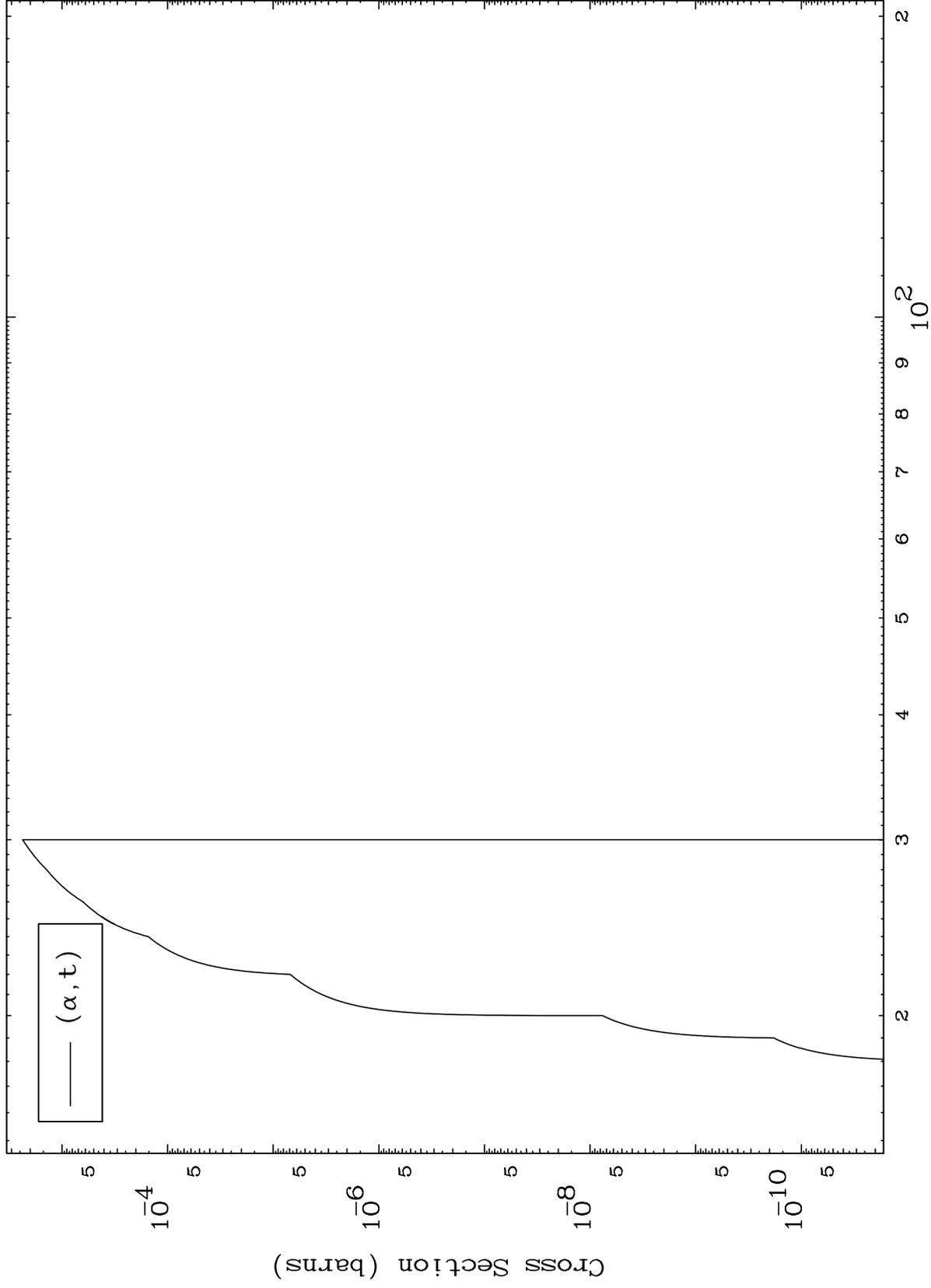
Incident Energy (MeV)

50-Sn-117

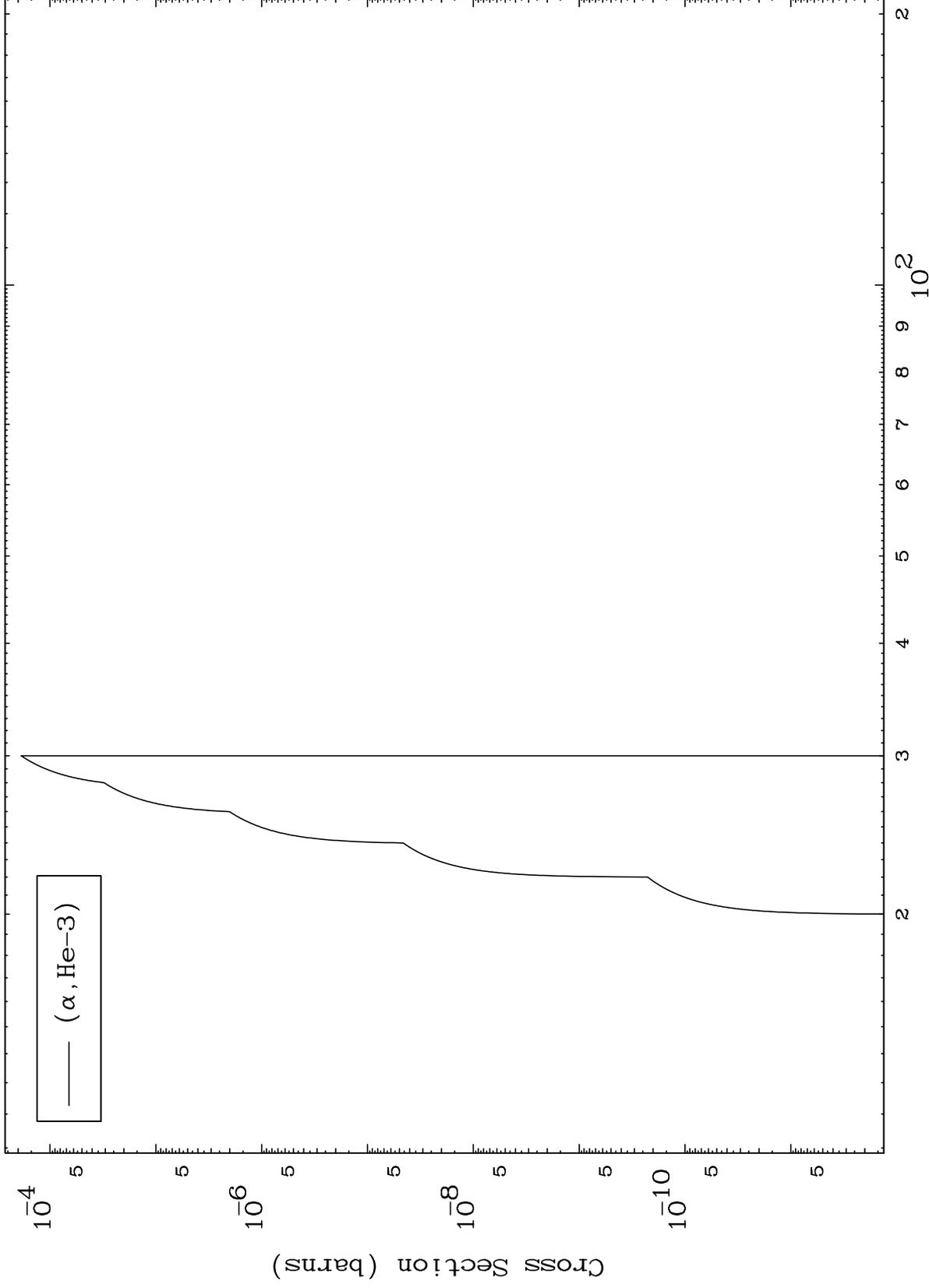
MAT 5041

50-Sn-117

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



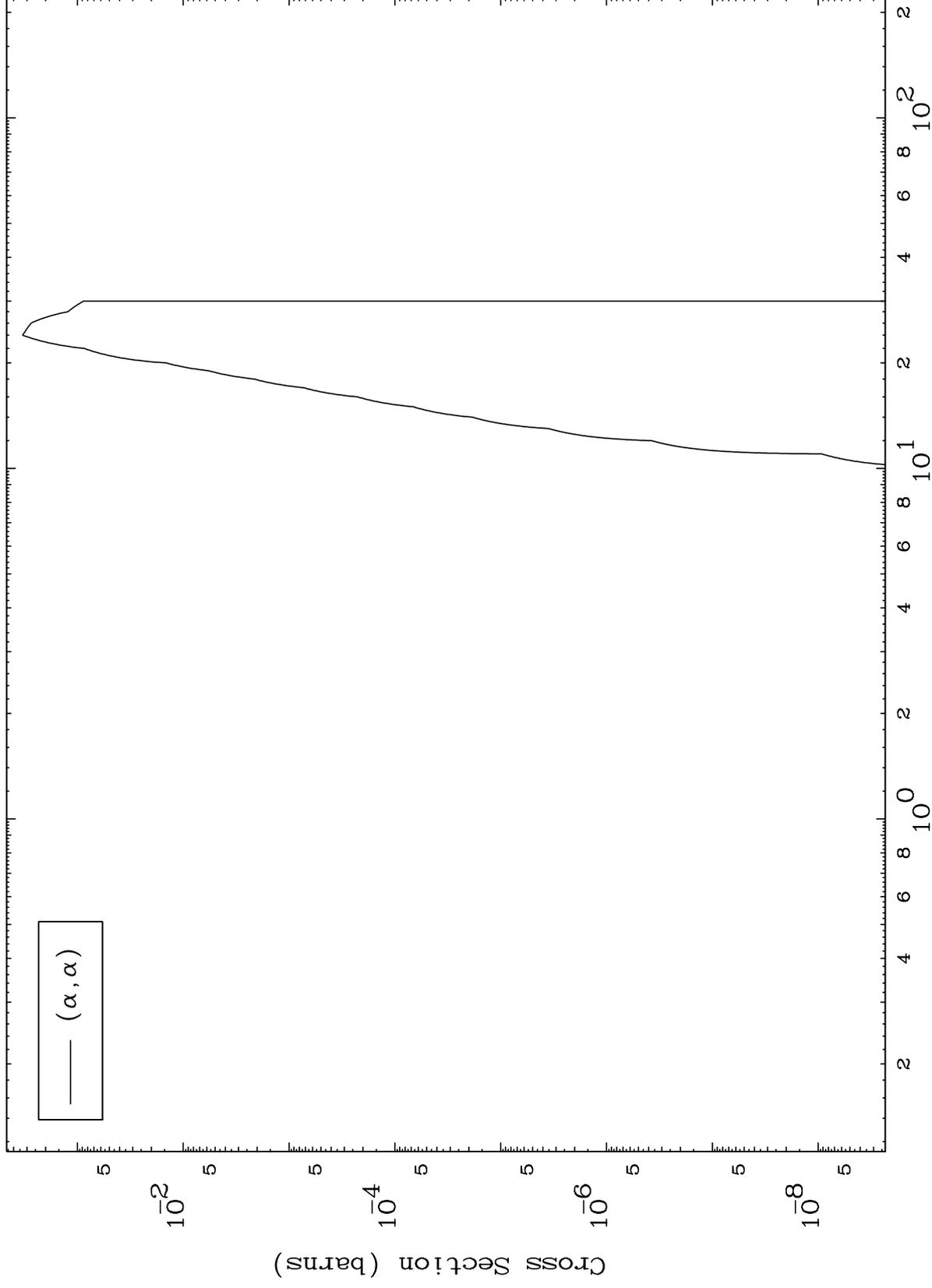
( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections



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

50-Sn-117



10

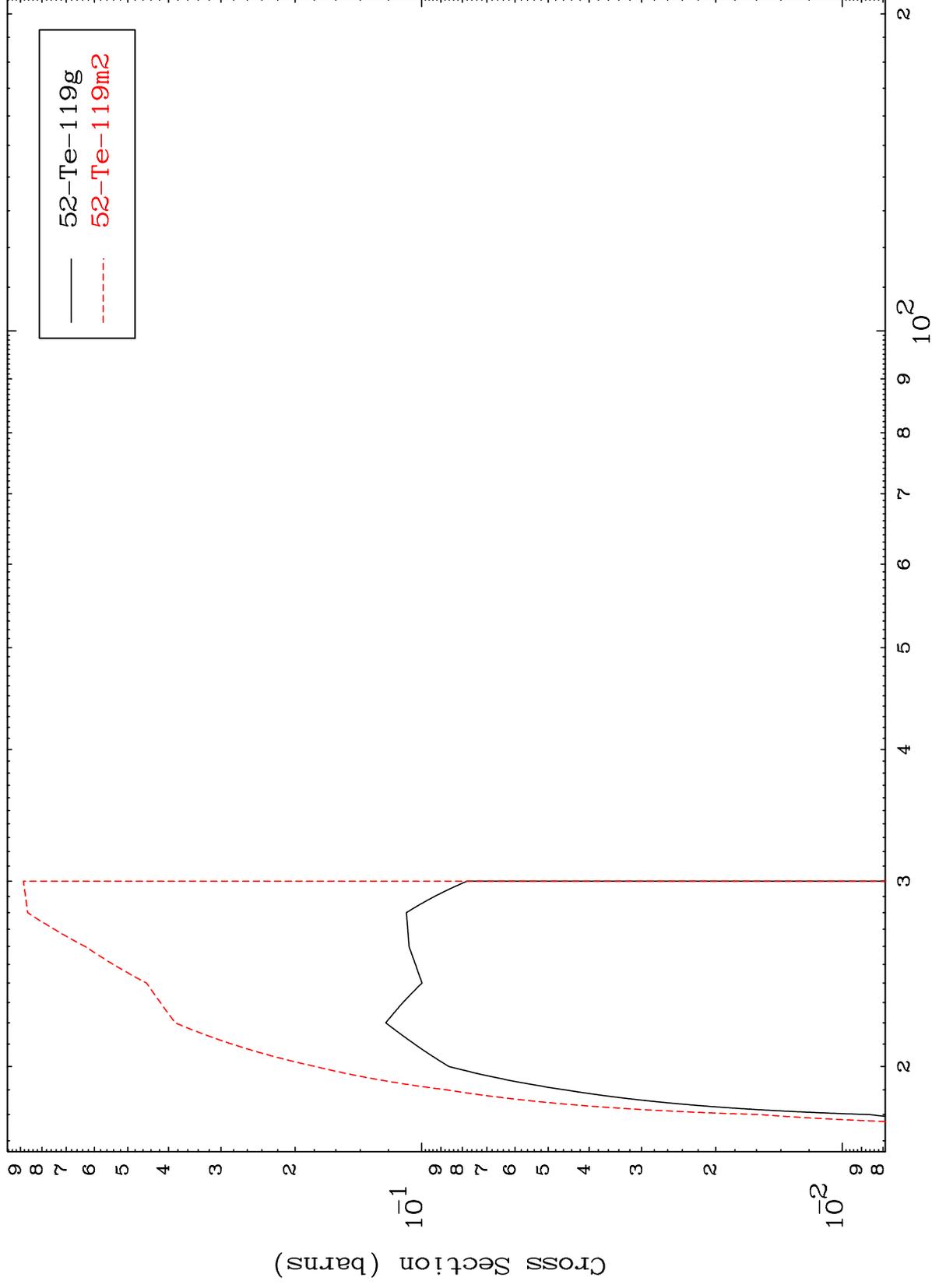
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

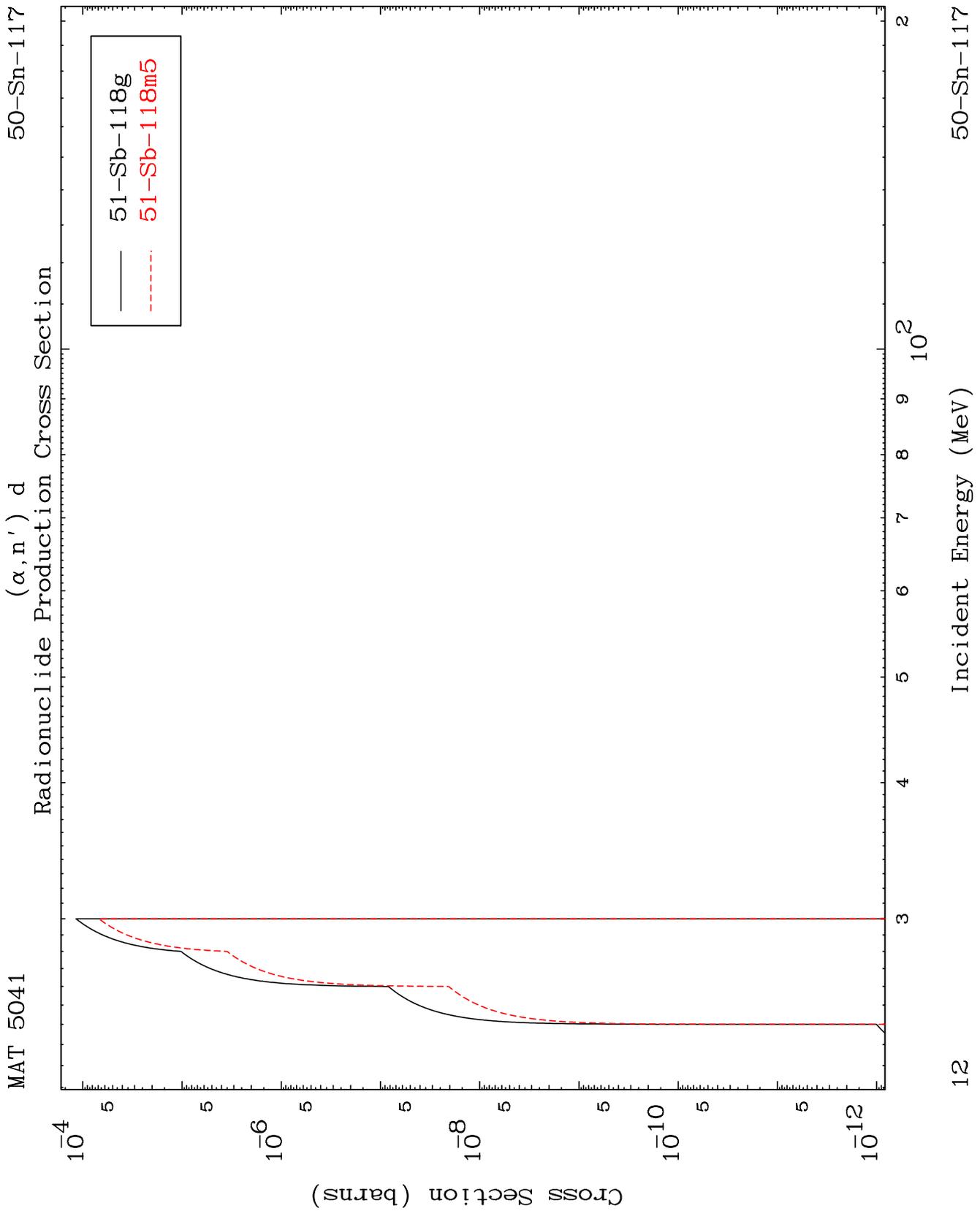
$(\alpha, 2n)$   
Radionuclide Production Cross Section



11

Incident Energy (MeV)

50-Sn-117

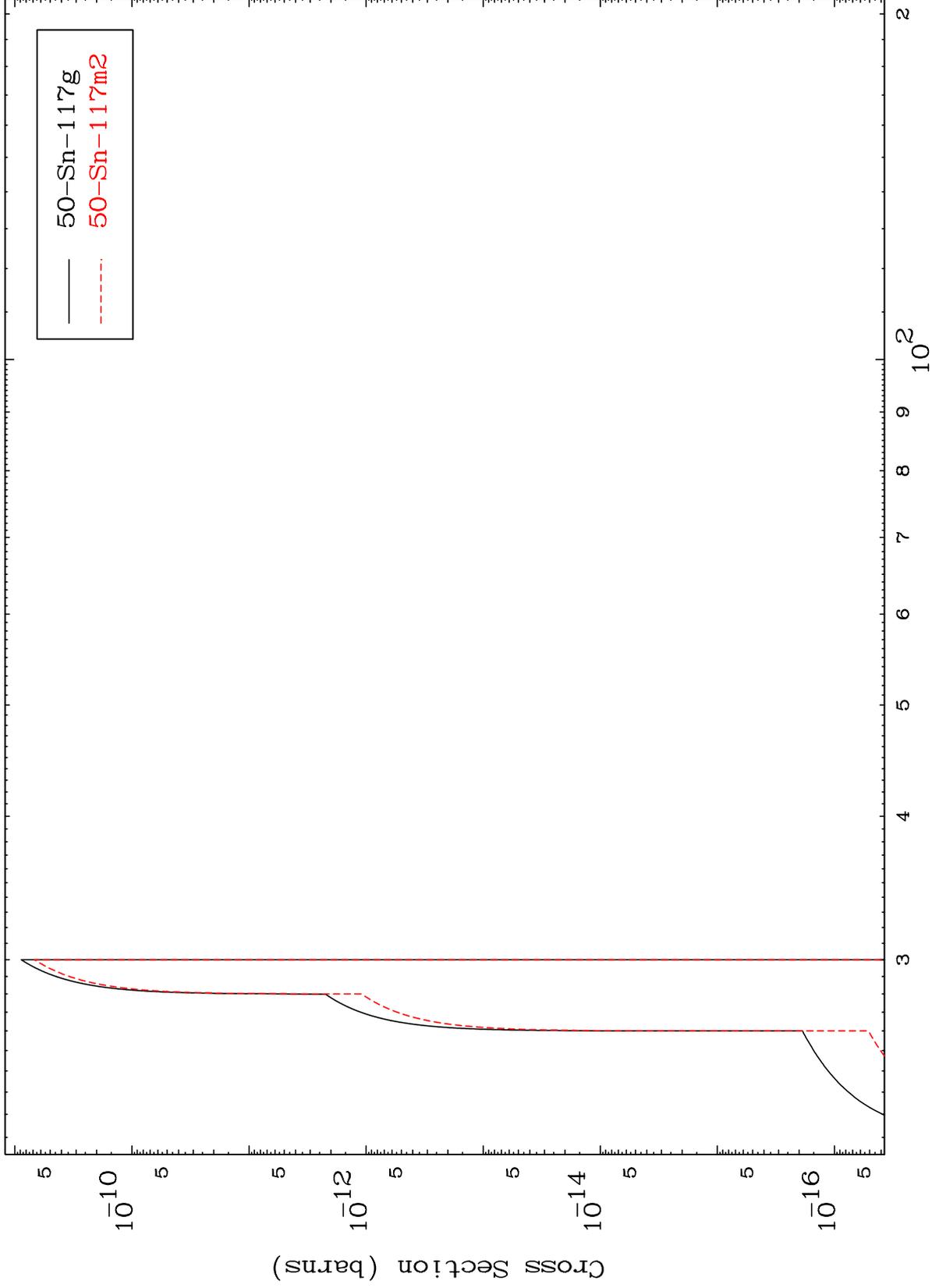


MAT 5041

( $\alpha, n'$ ) He-3

50-Sn-117

Radionuclide Production Cross Section



13

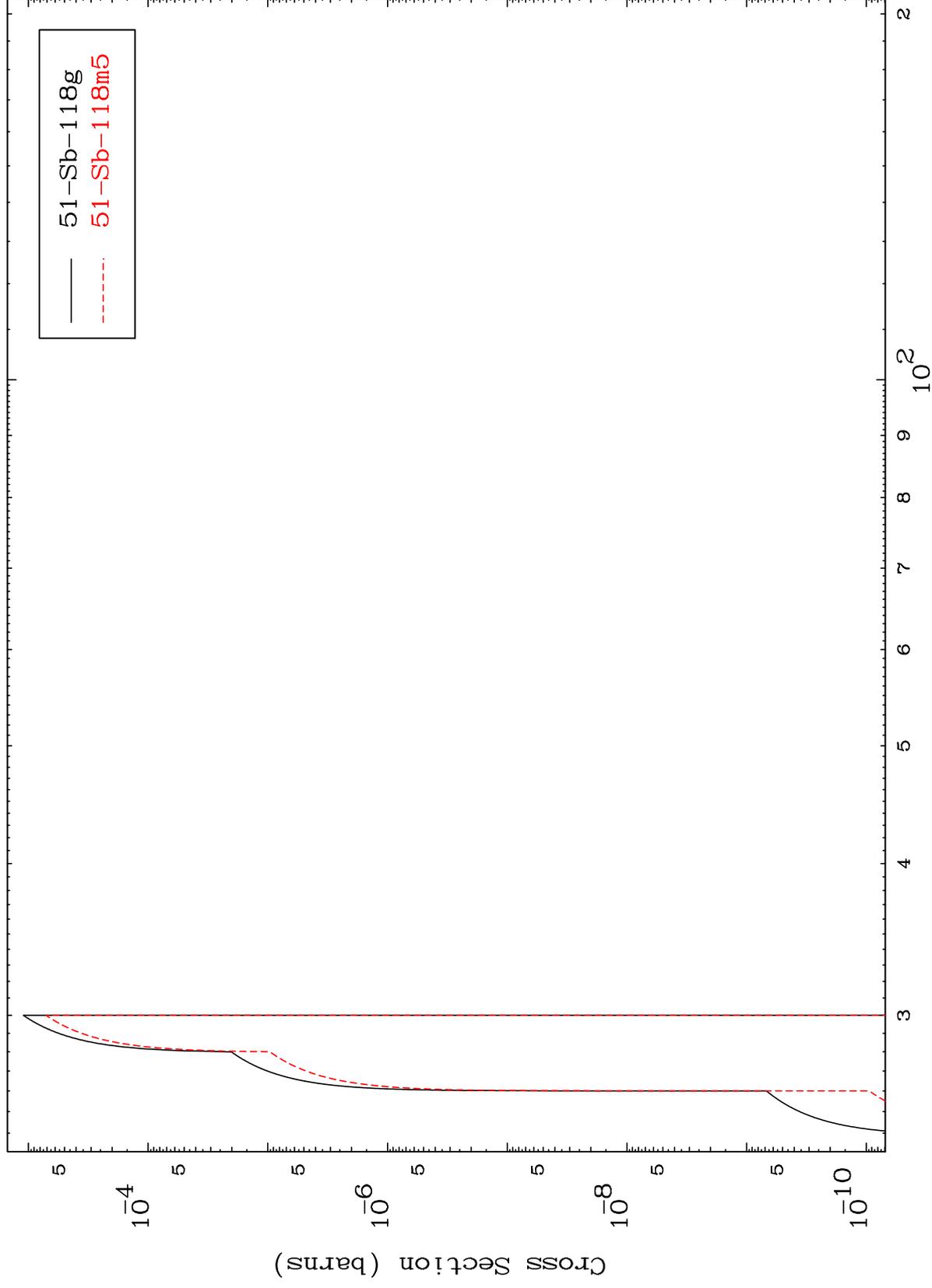
Incident Energy (MeV)

50-Sn-117

MAT 5041

50-Sn-117

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



50-Sn-117

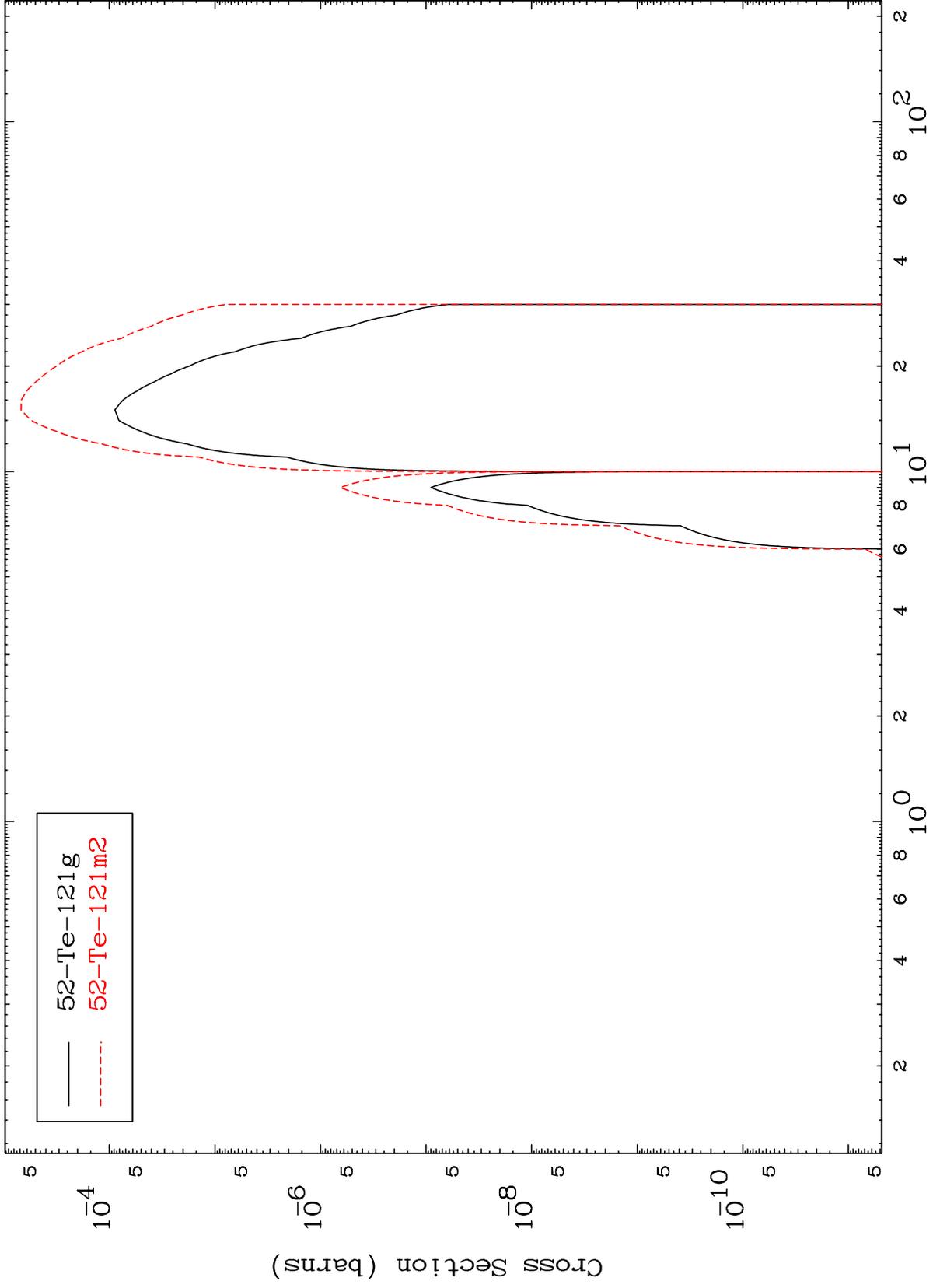
Incident Energy (MeV)

14

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50-Sn-117

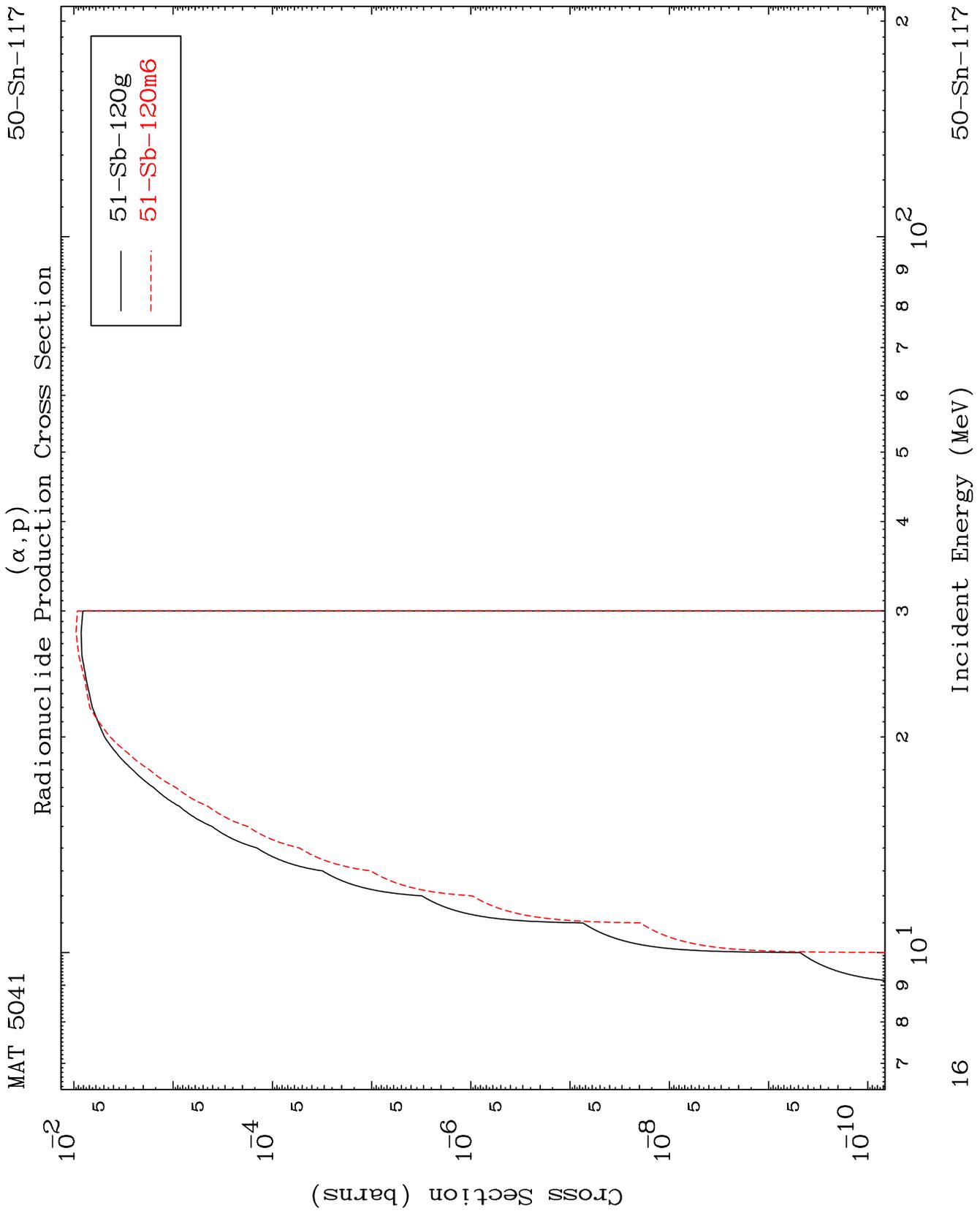
( $\alpha, \gamma$ )  
Radionuclide Production Cross Section



15

50-Sn-117

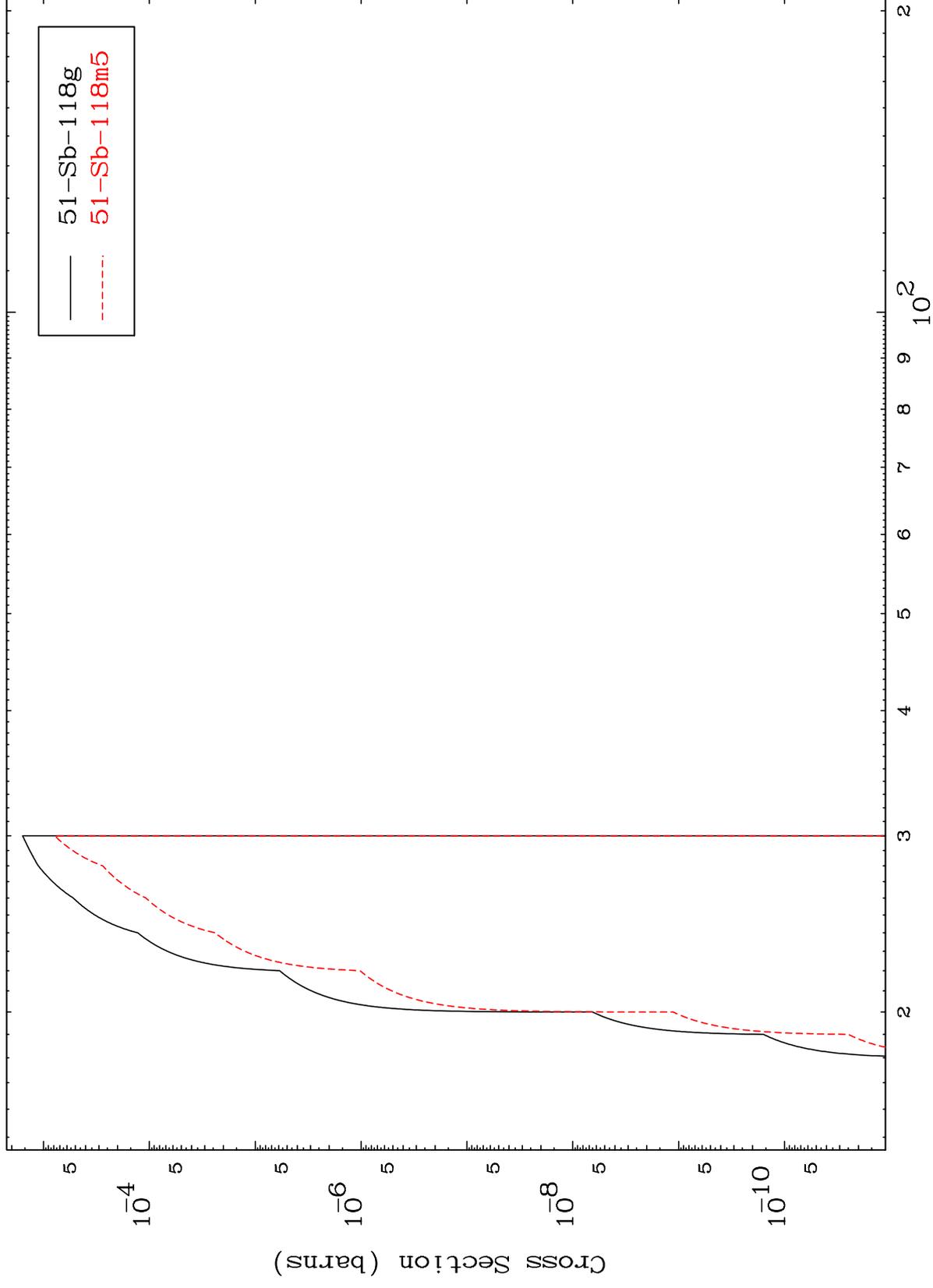
Incident Energy (MeV)



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50-Sn-117

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



17

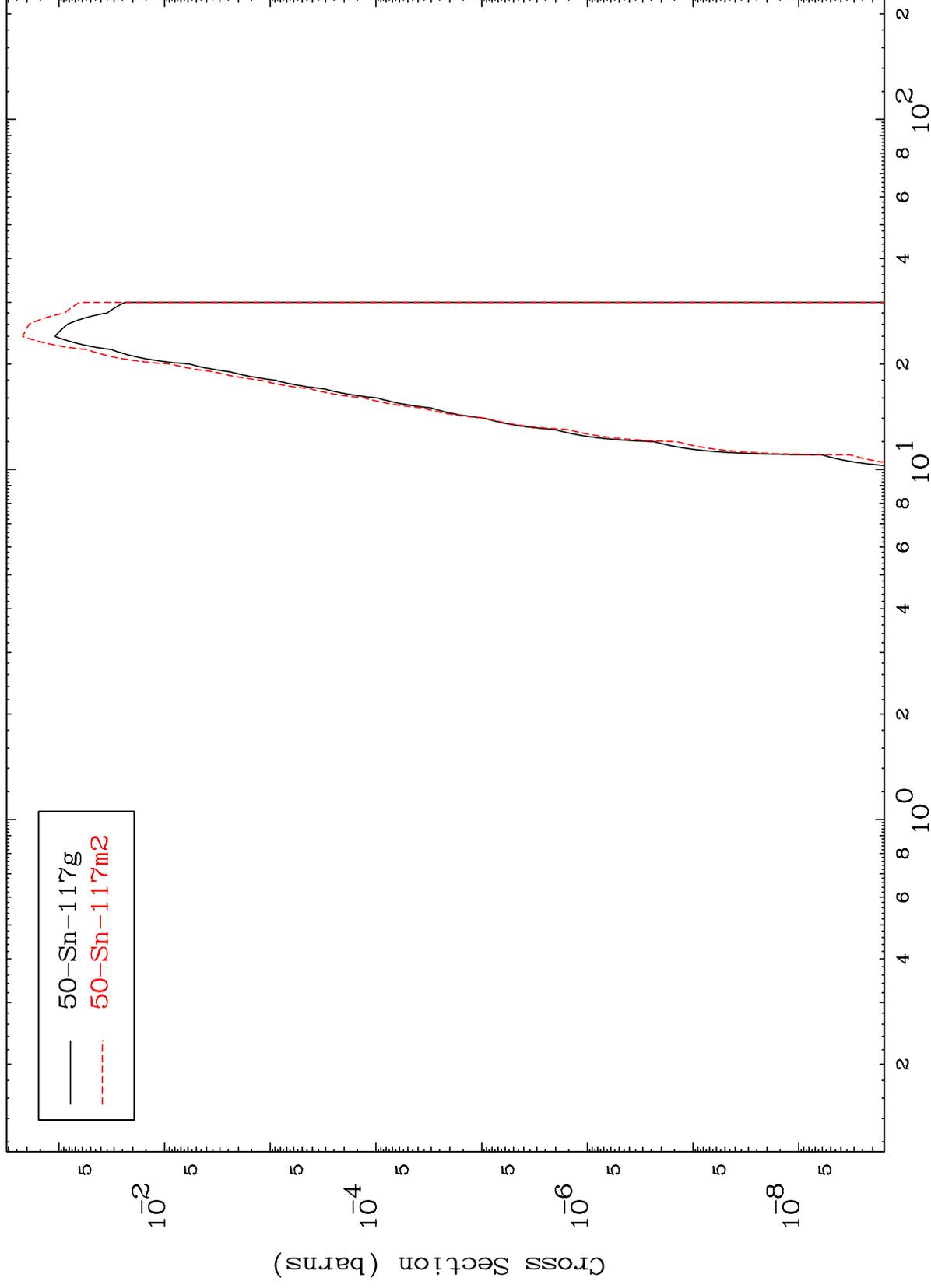
50-Sn-117

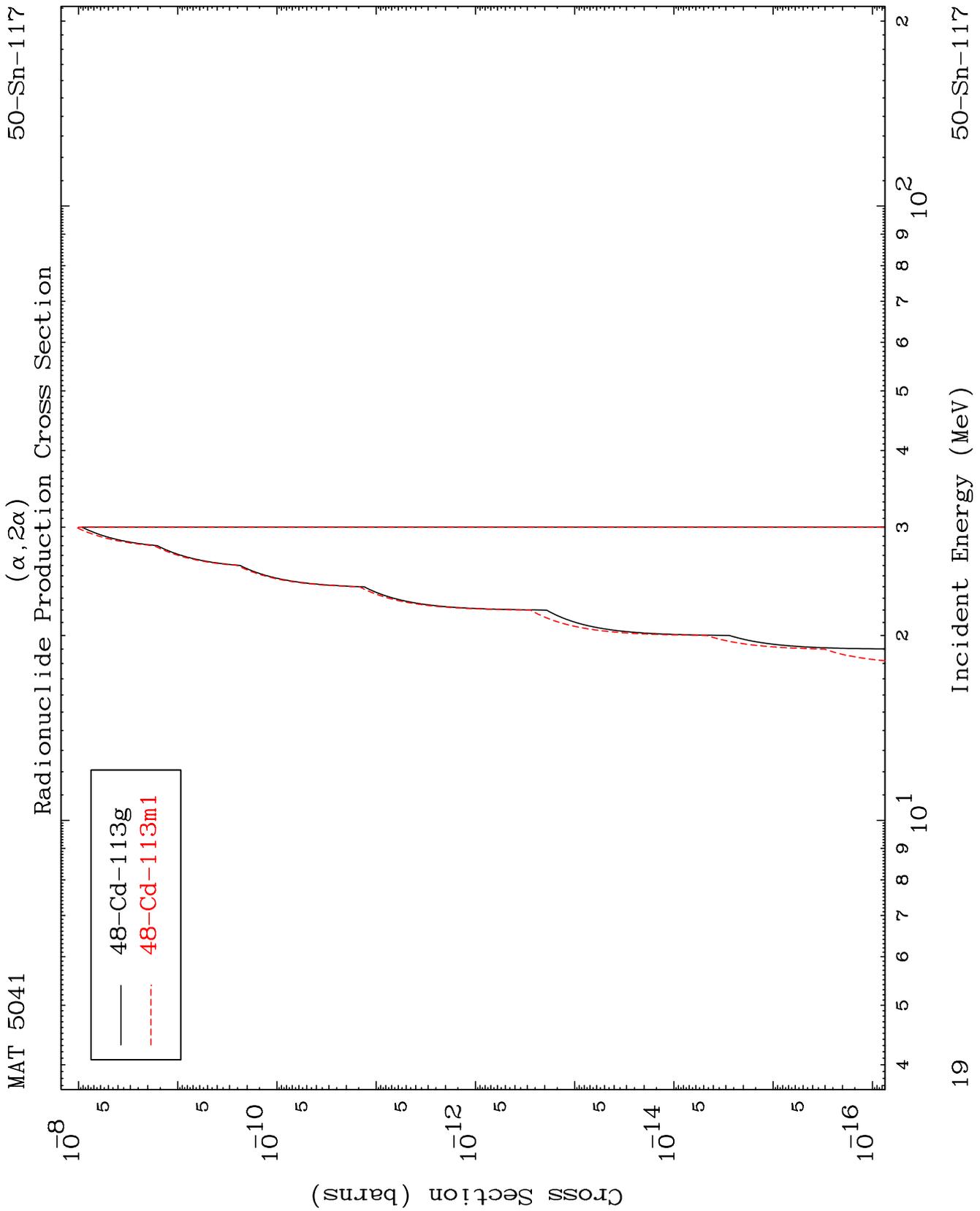
Incident Energy (MeV)

MAT 5041

50-Sn-117

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

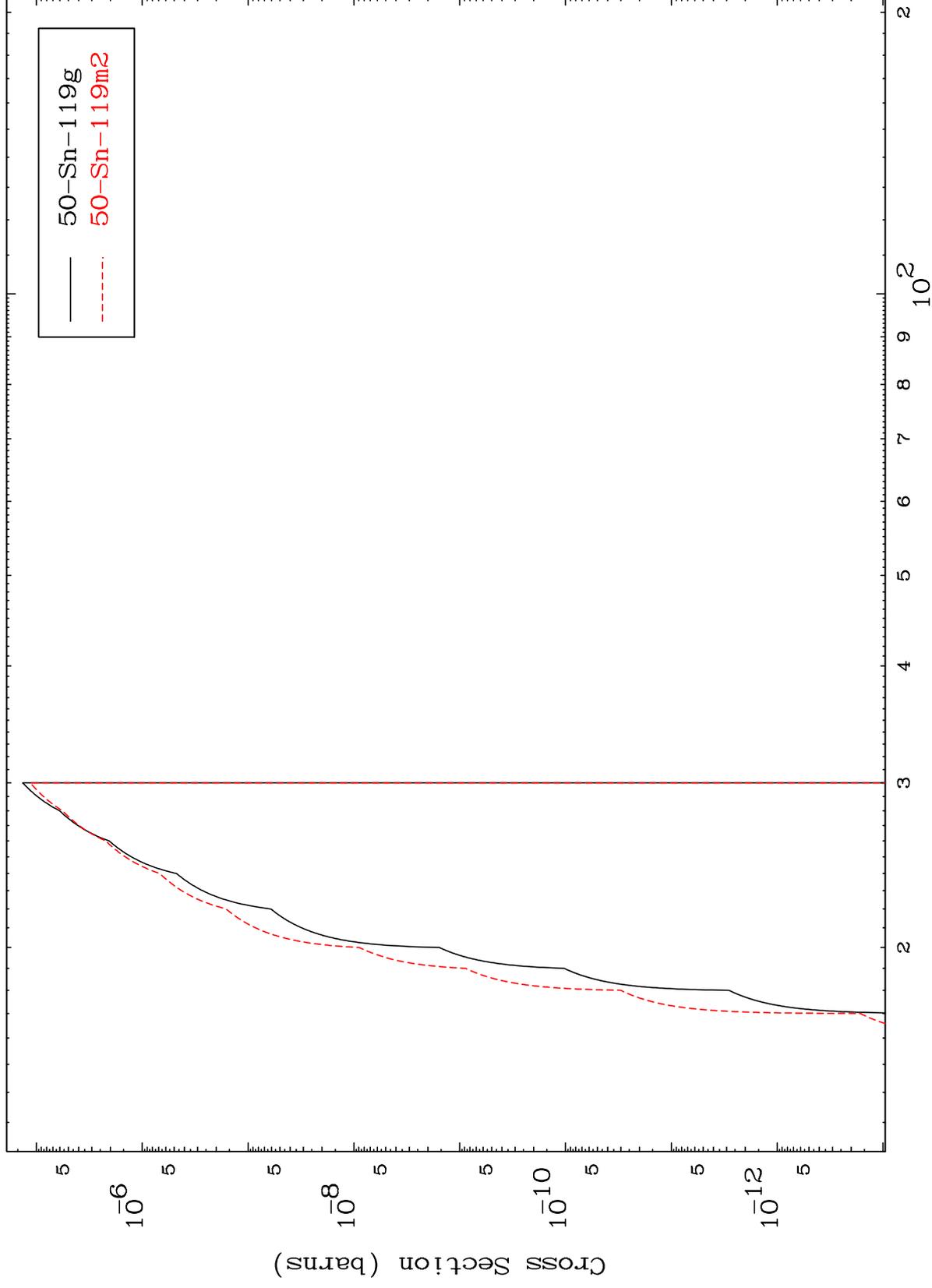




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50-Sn-117

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



20

Incident Energy (MeV)

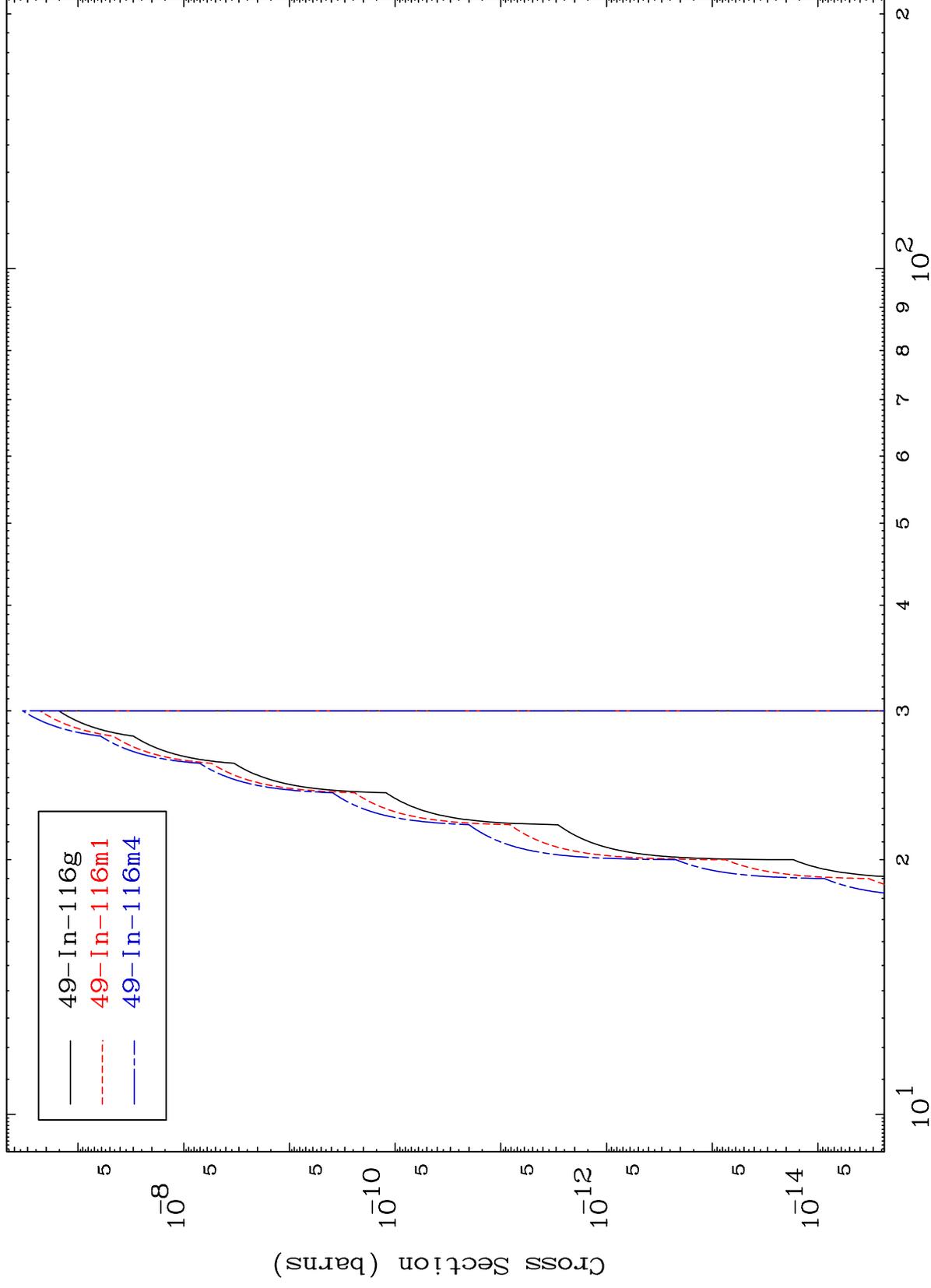
50-Sn-117

MAT 5041

50-Sn-117

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

Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

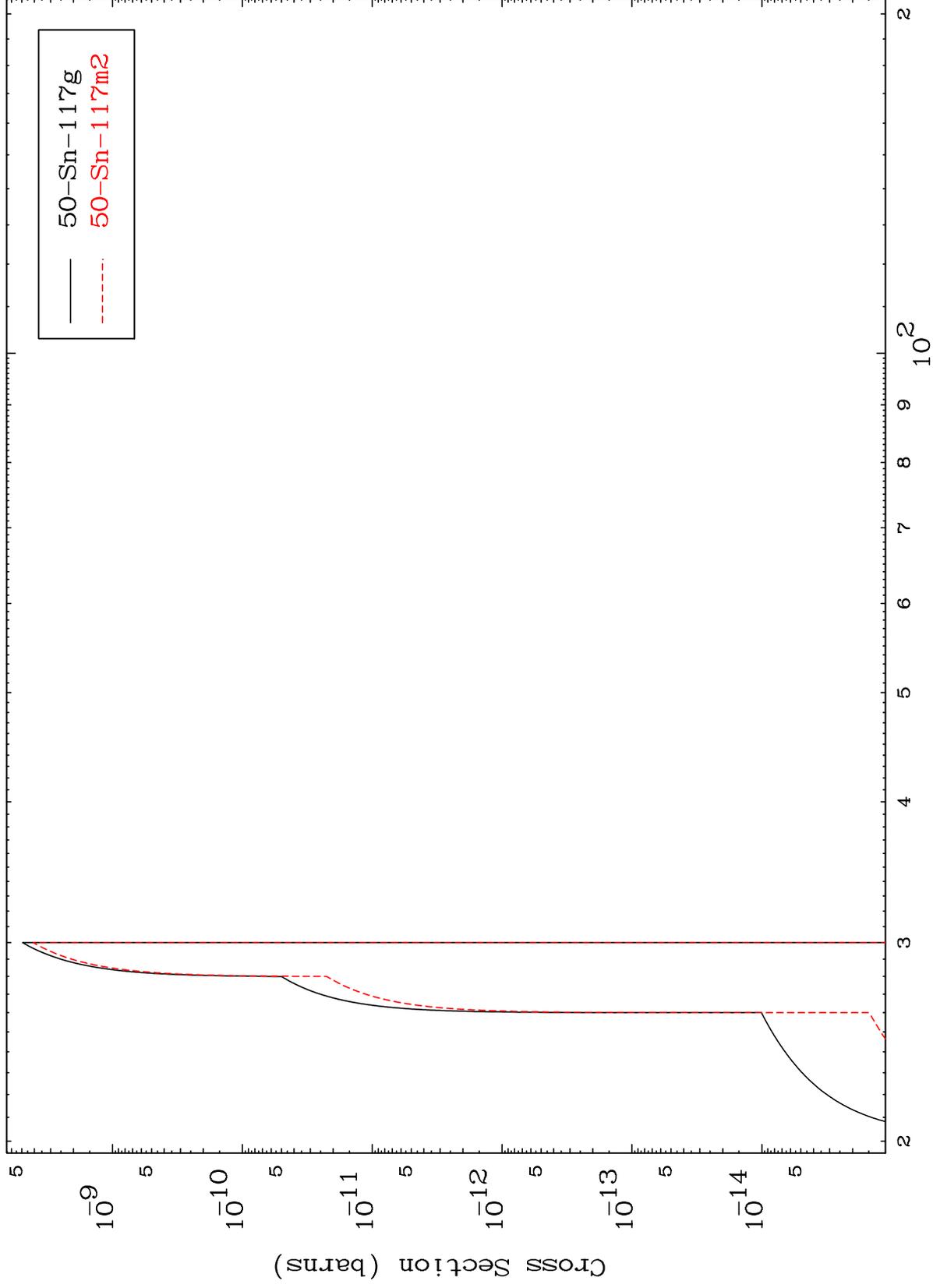
21

MAT 5041

( $\alpha, p$ ) t

50-Sn-117

Radionuclide Production Cross Section



22

Incident Energy (MeV)

50-Sn-117