

Program EVALPLOT  
(Version 2018-1)

by

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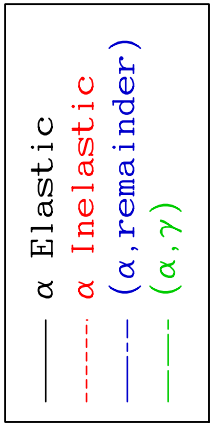
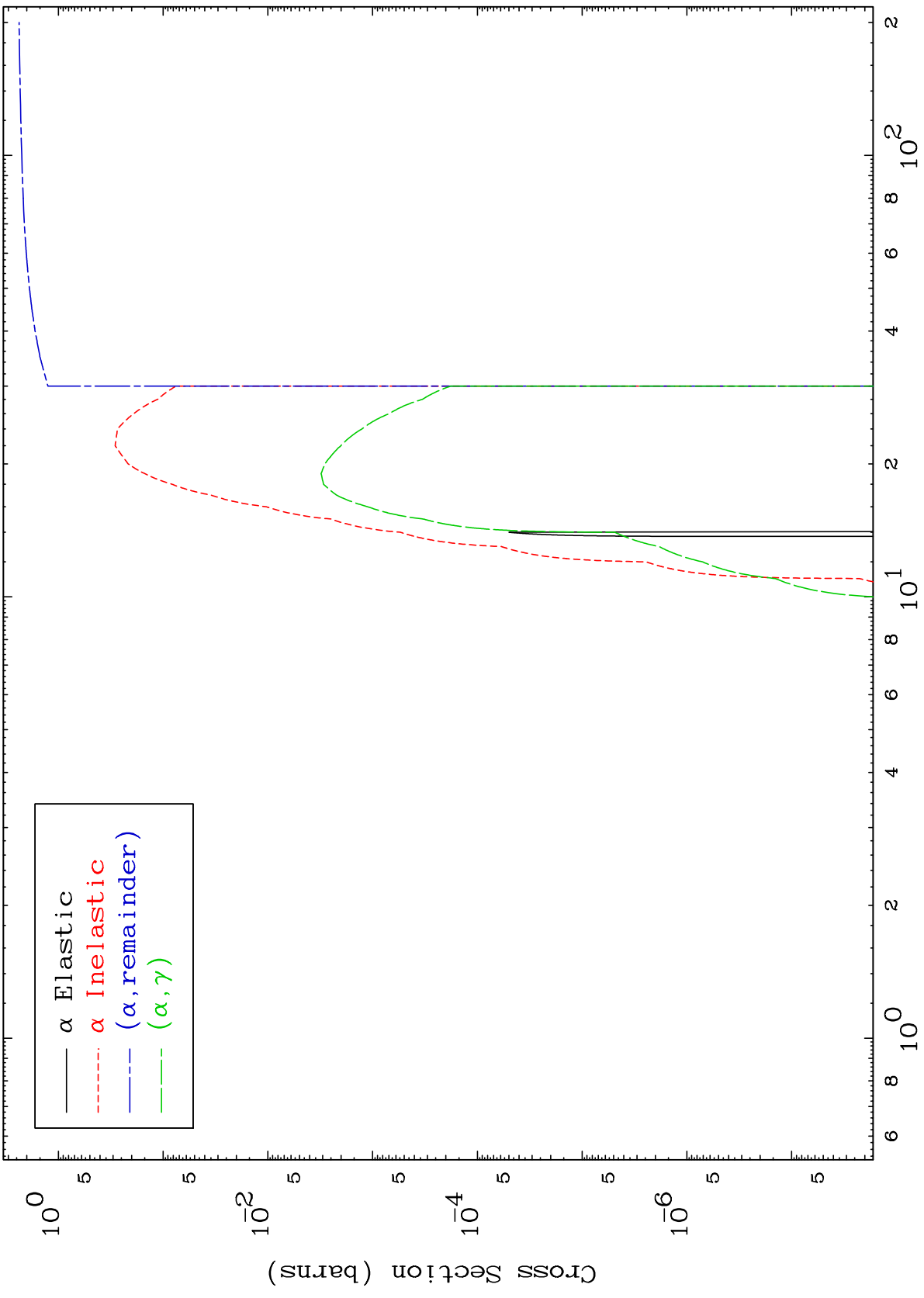
Press Mouse Button to Start

MAT 6299

$\alpha$  Major

63-Eu-142

0 Kelvin Cross Sections



1

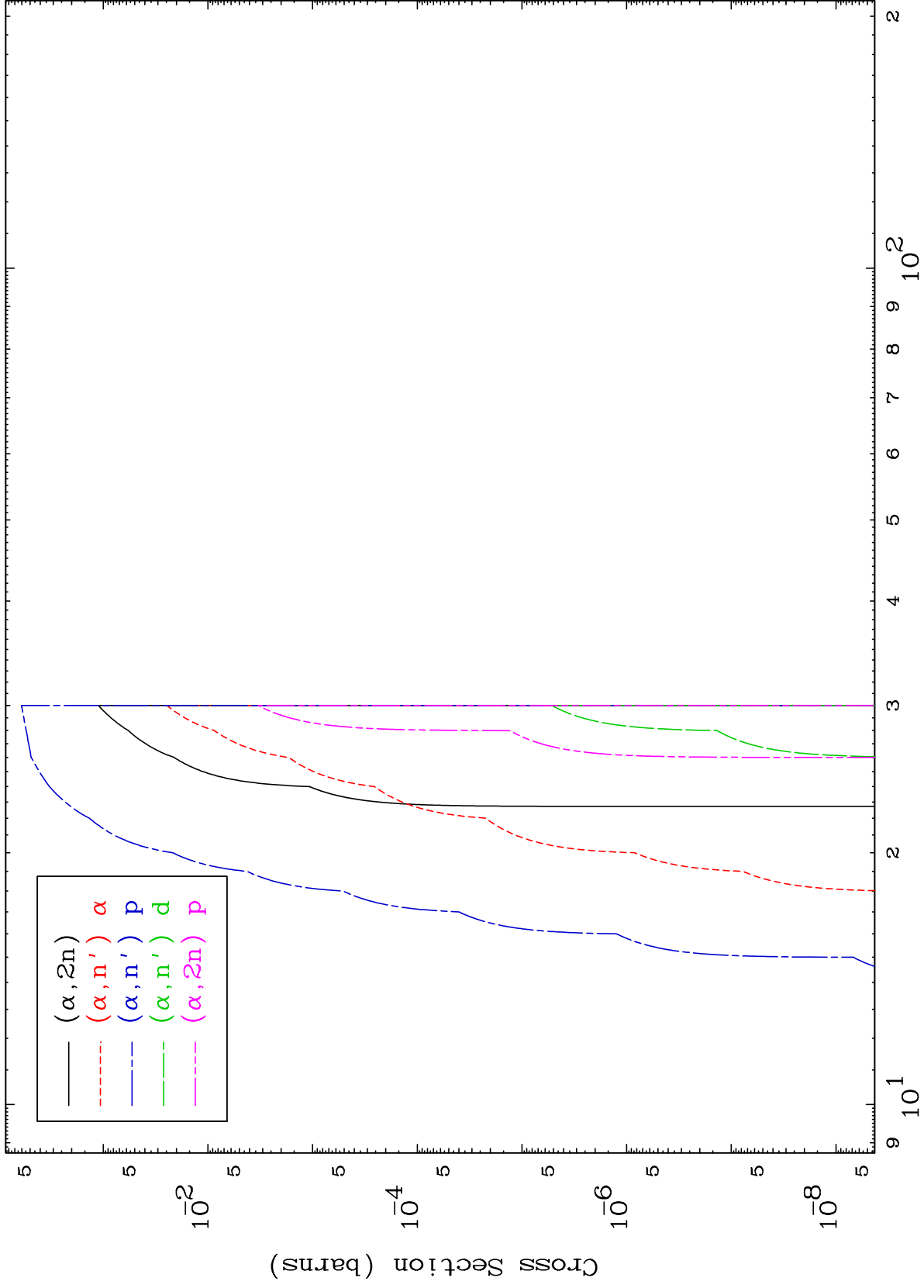
Incident Energy (MeV)

63-Eu-142

MAT 6299

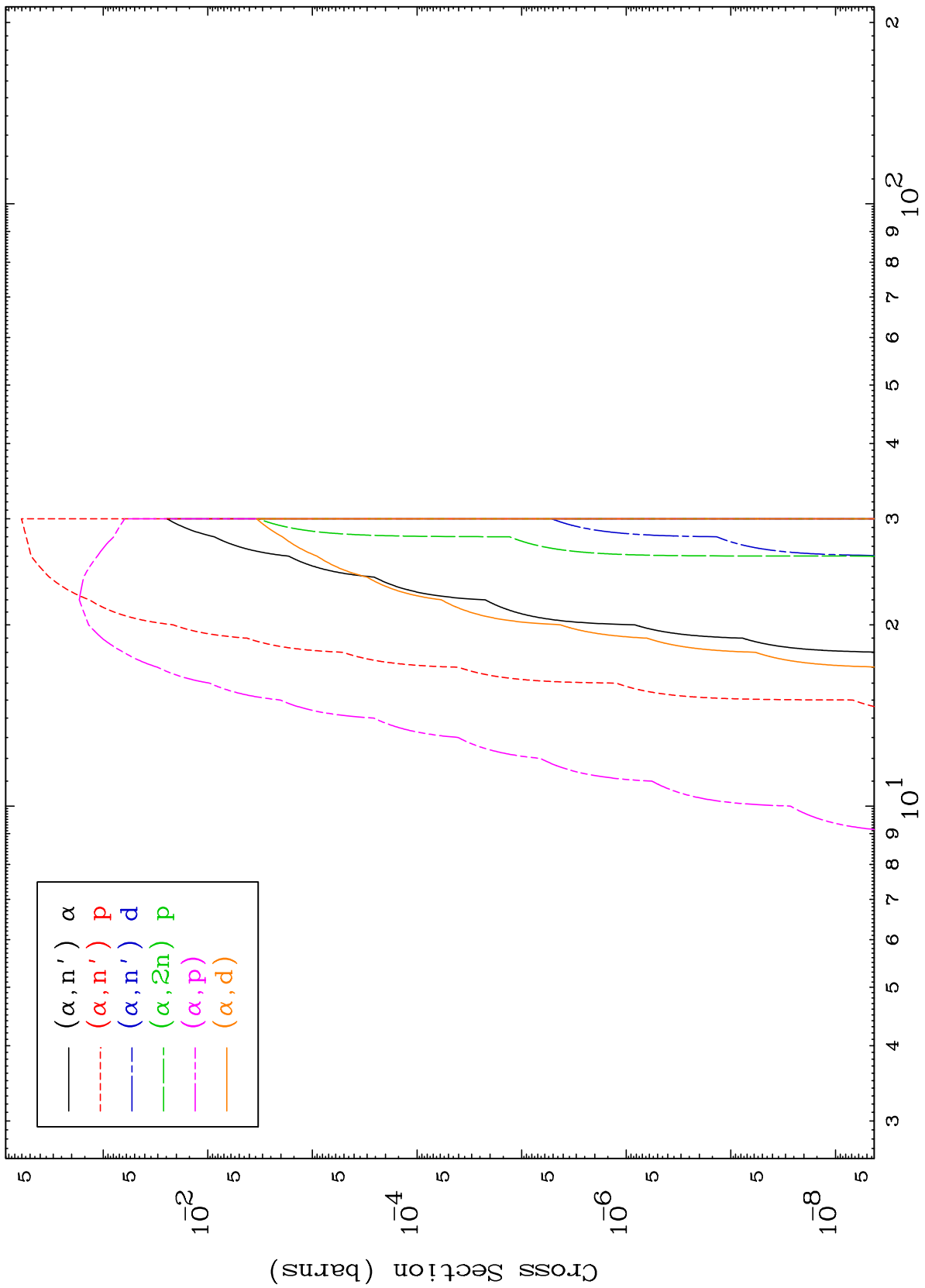
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

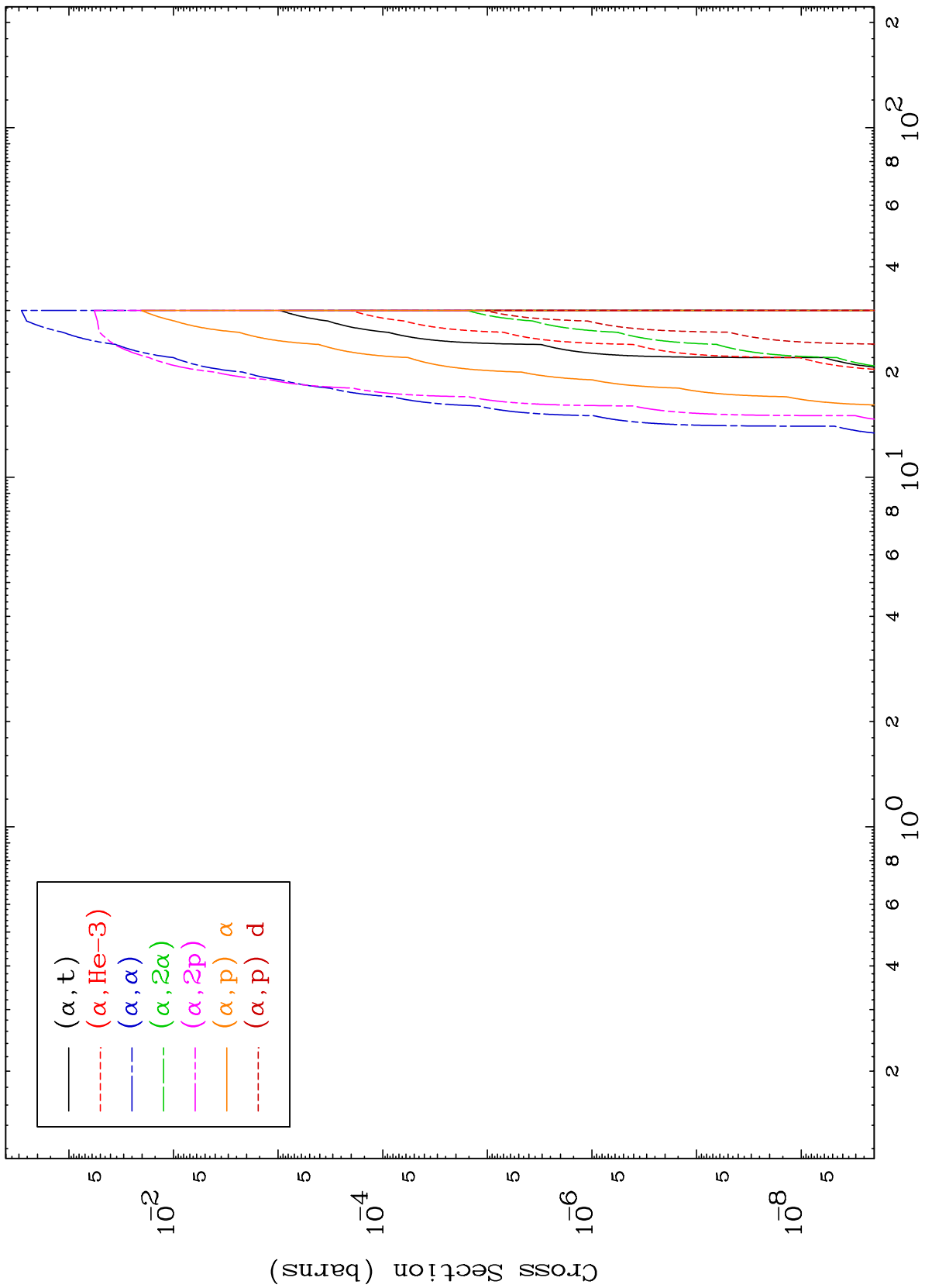
63-Eu-142



Incident Energy (MeV)

63-Eu-142



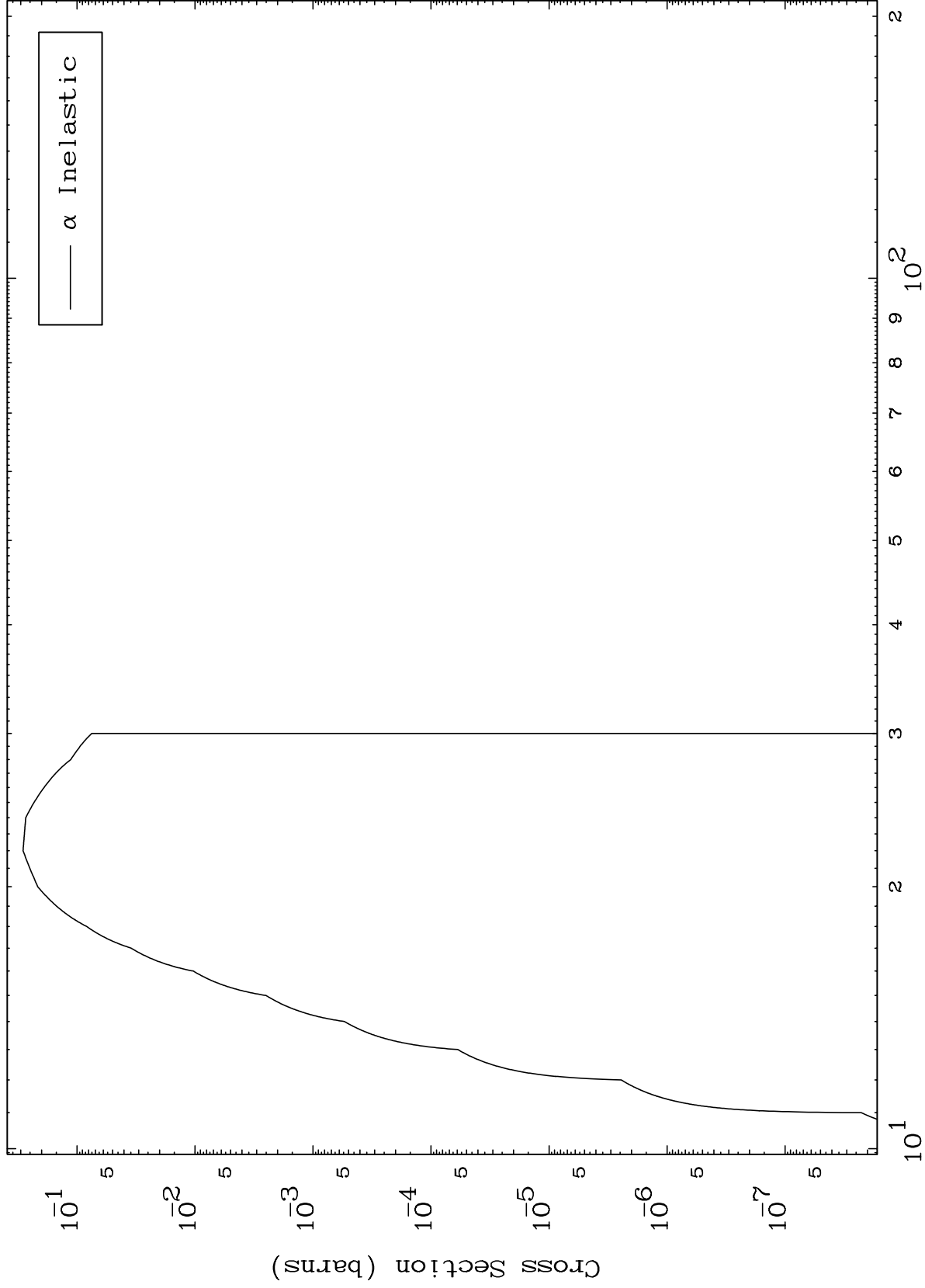


MAT 6299

( $\alpha, n'$ ) Level

63-Eu-142

0 Kelvin Cross Sections



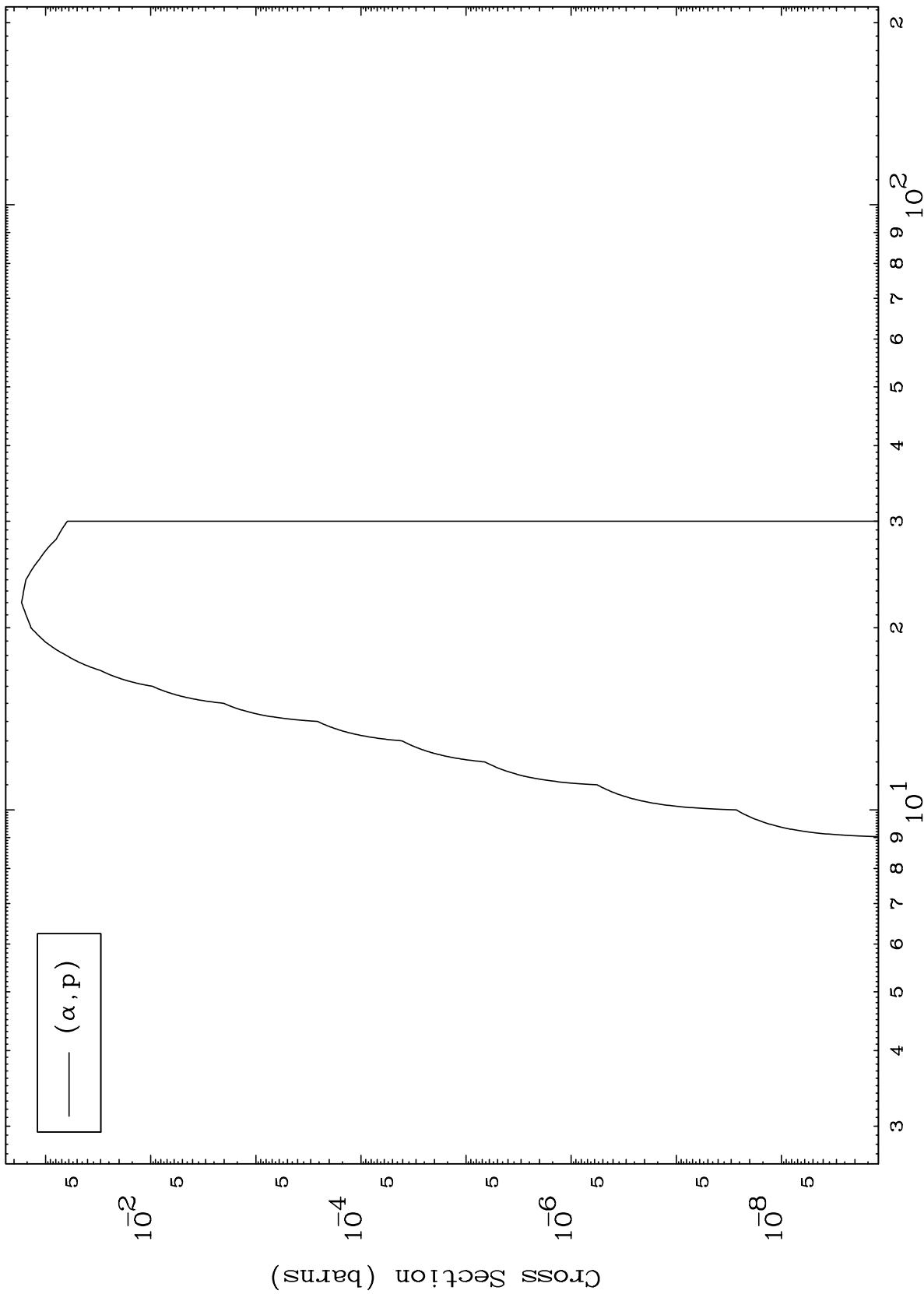
Incident Energy (MeV)

63-Eu-142

MAT 6299

63-Eu-142

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



63-Eu-142

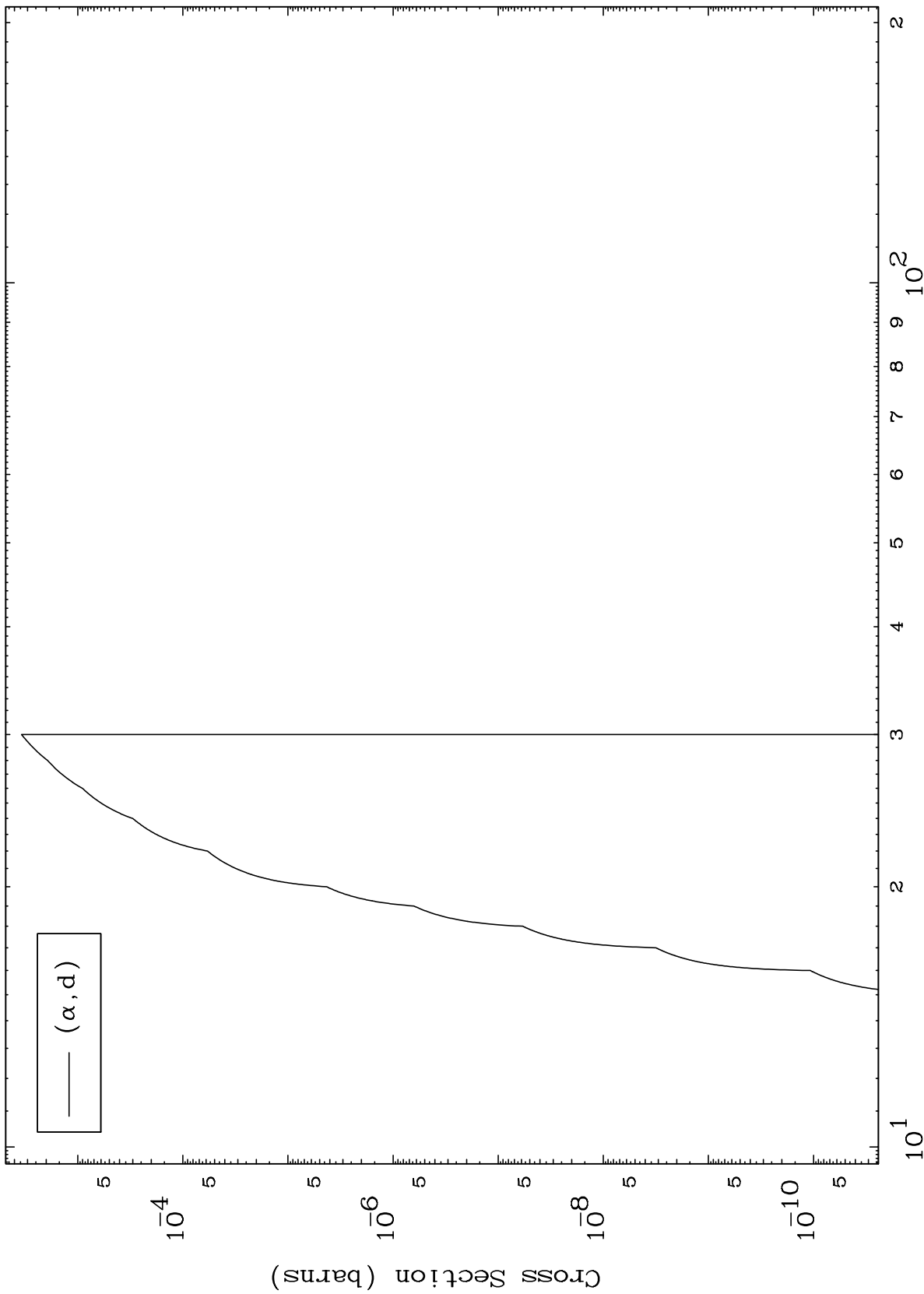
Incident Energy (MeV)

6

MAT 6299

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

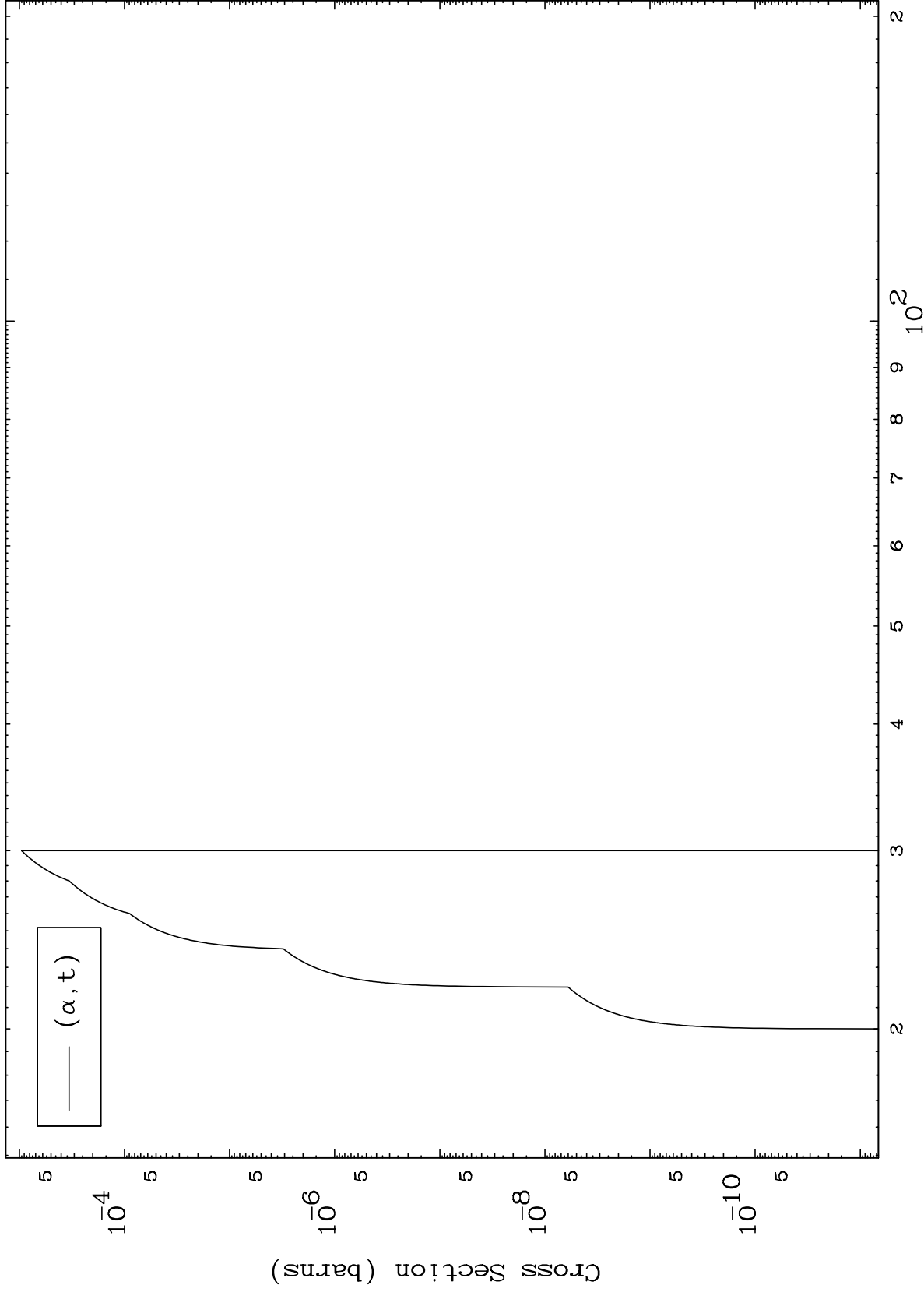
63-Eu-142



Incident Energy (MeV)

63-Eu-142

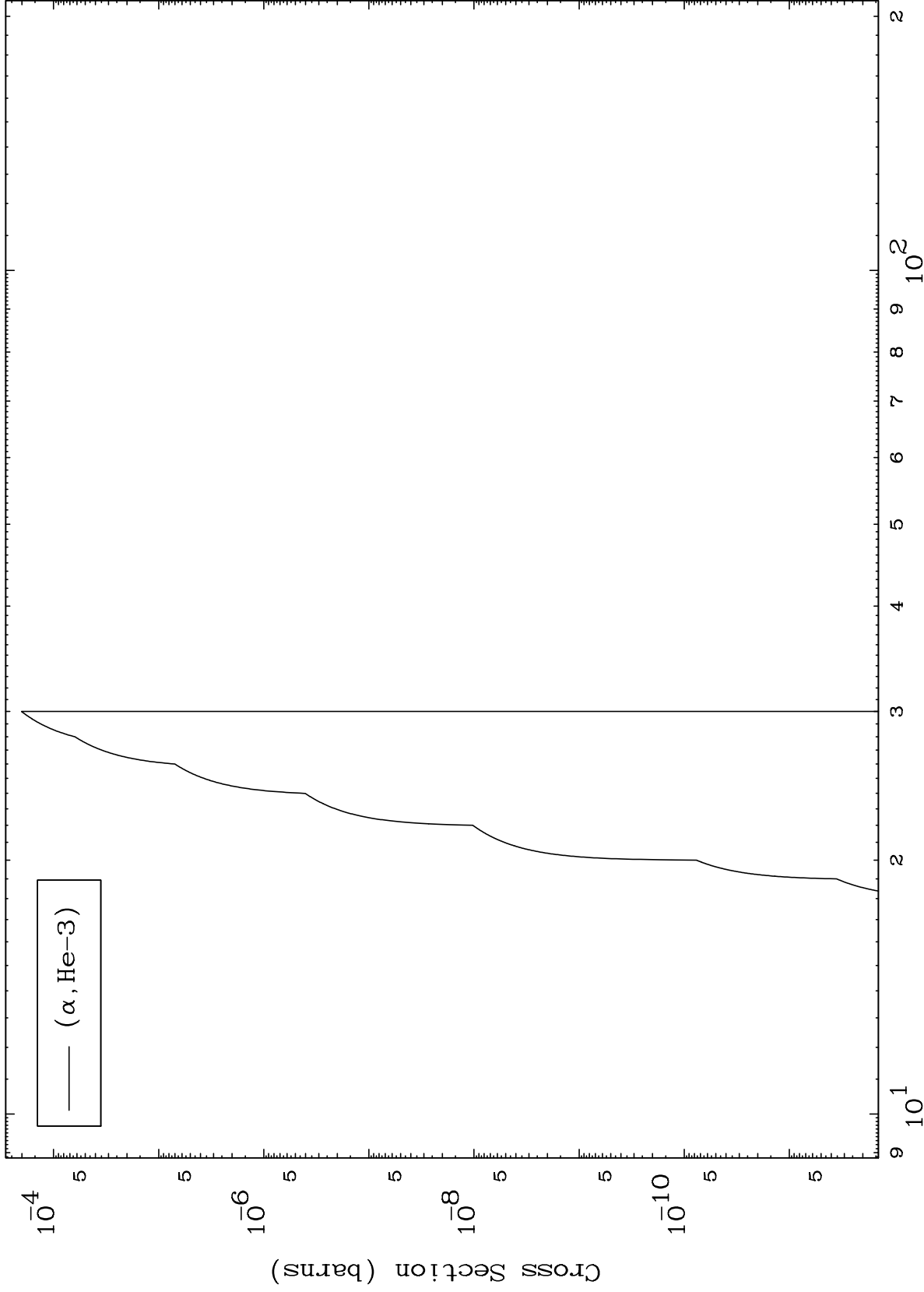




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( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

63-Eu-142



9

Incident Energy (MeV)

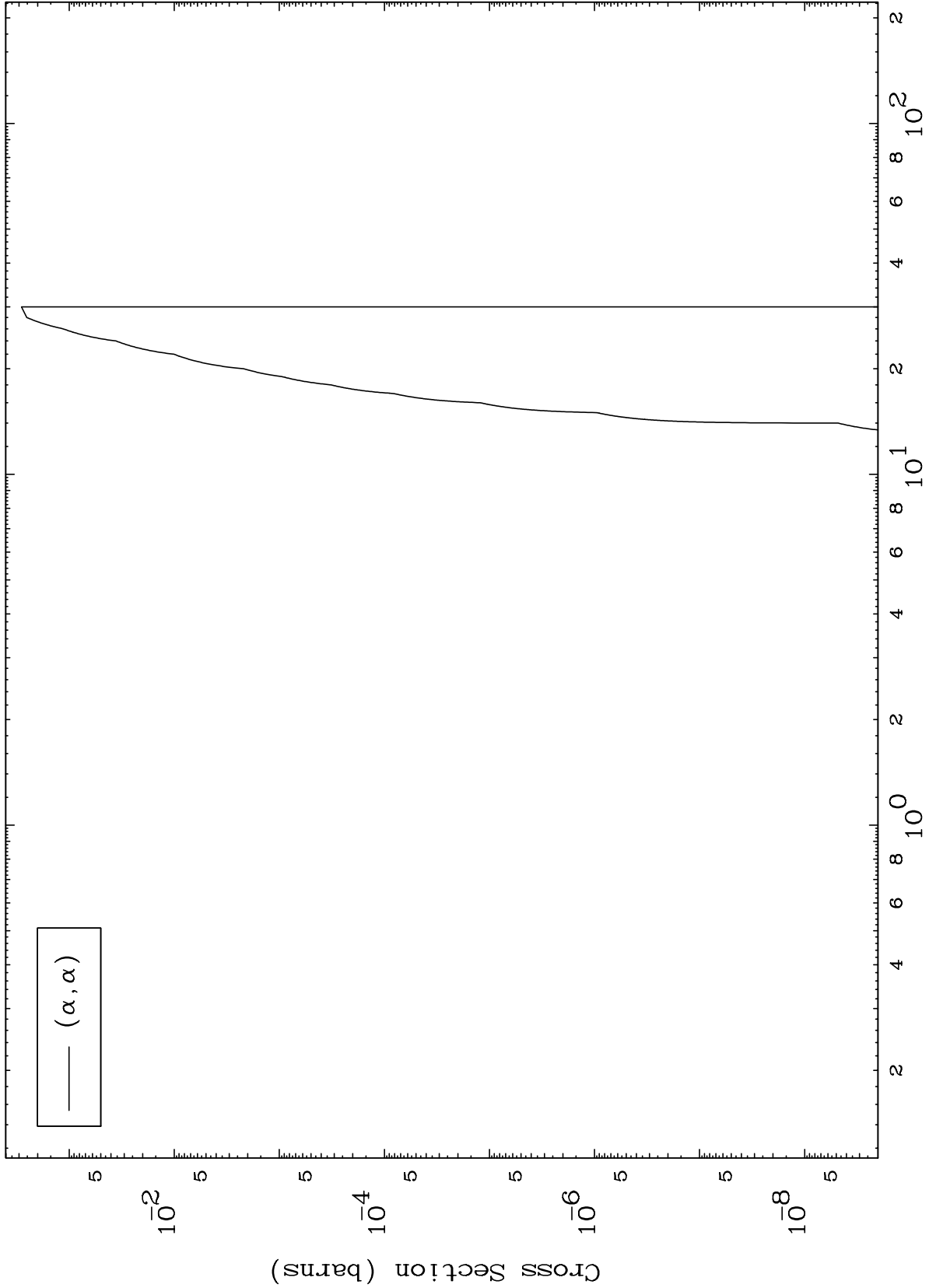
63-Eu-142

MAT 6299

( $\alpha, \alpha$ ) Levels

63-Eu-142

0 Kelvin Cross Sections



( $\alpha, \alpha$ )

10

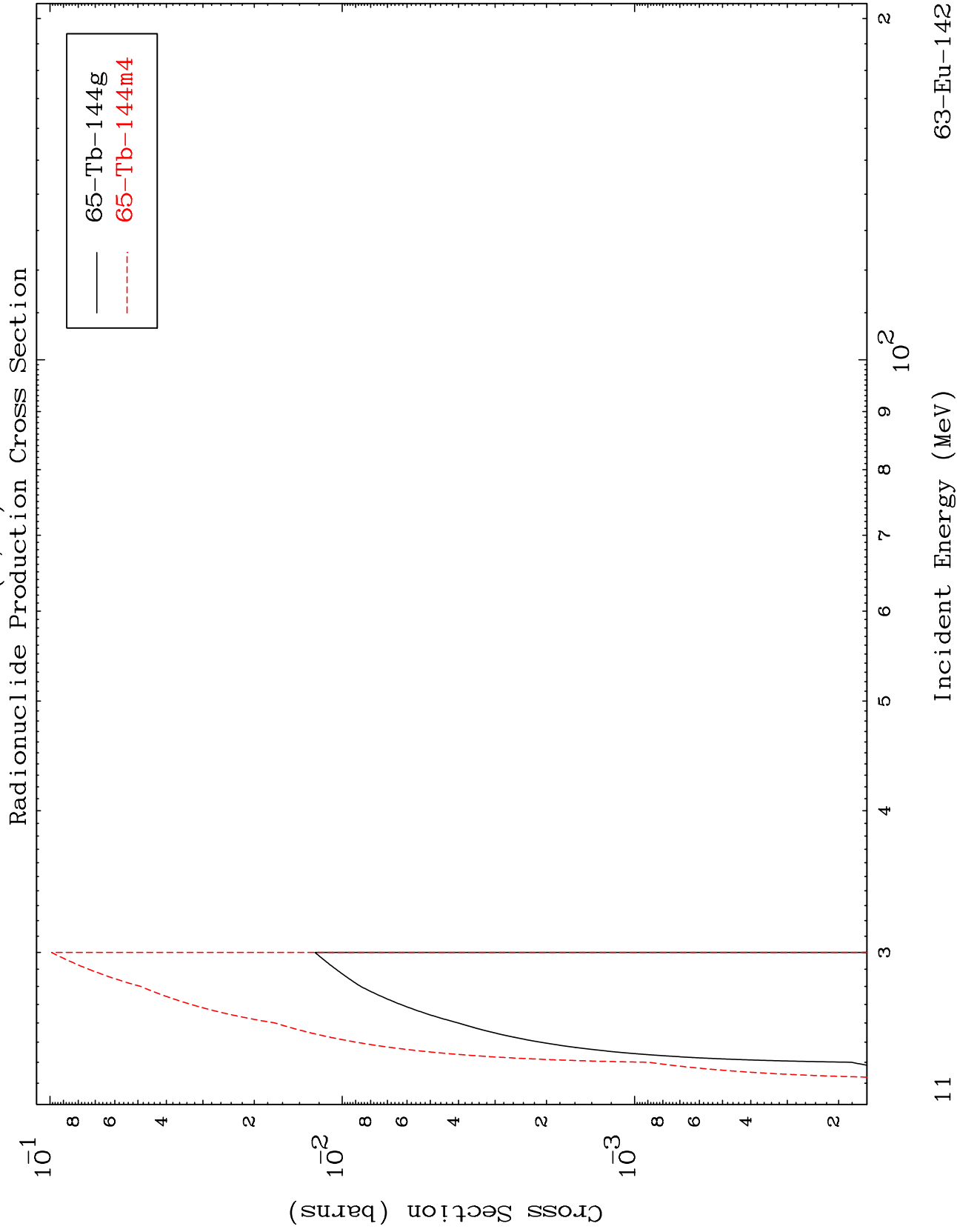
Incident Energy (MeV)

63-Eu-142

MAT 6299

( $\alpha, 2n$ )

63-Eu-142



63-Eu-142

Incident Energy (MeV)

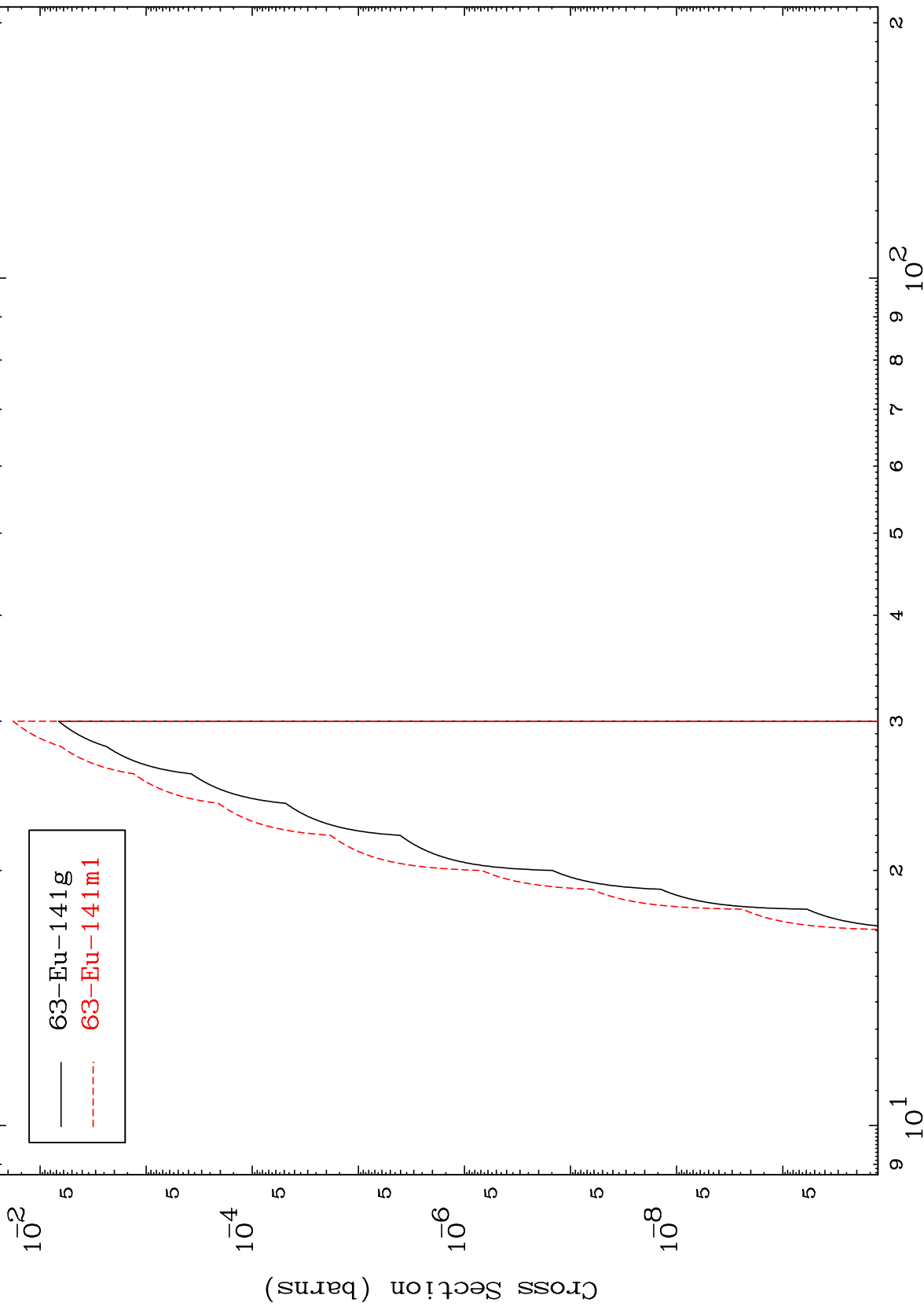
11

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

63-Eu-142

Radionuclide Production Cross Section

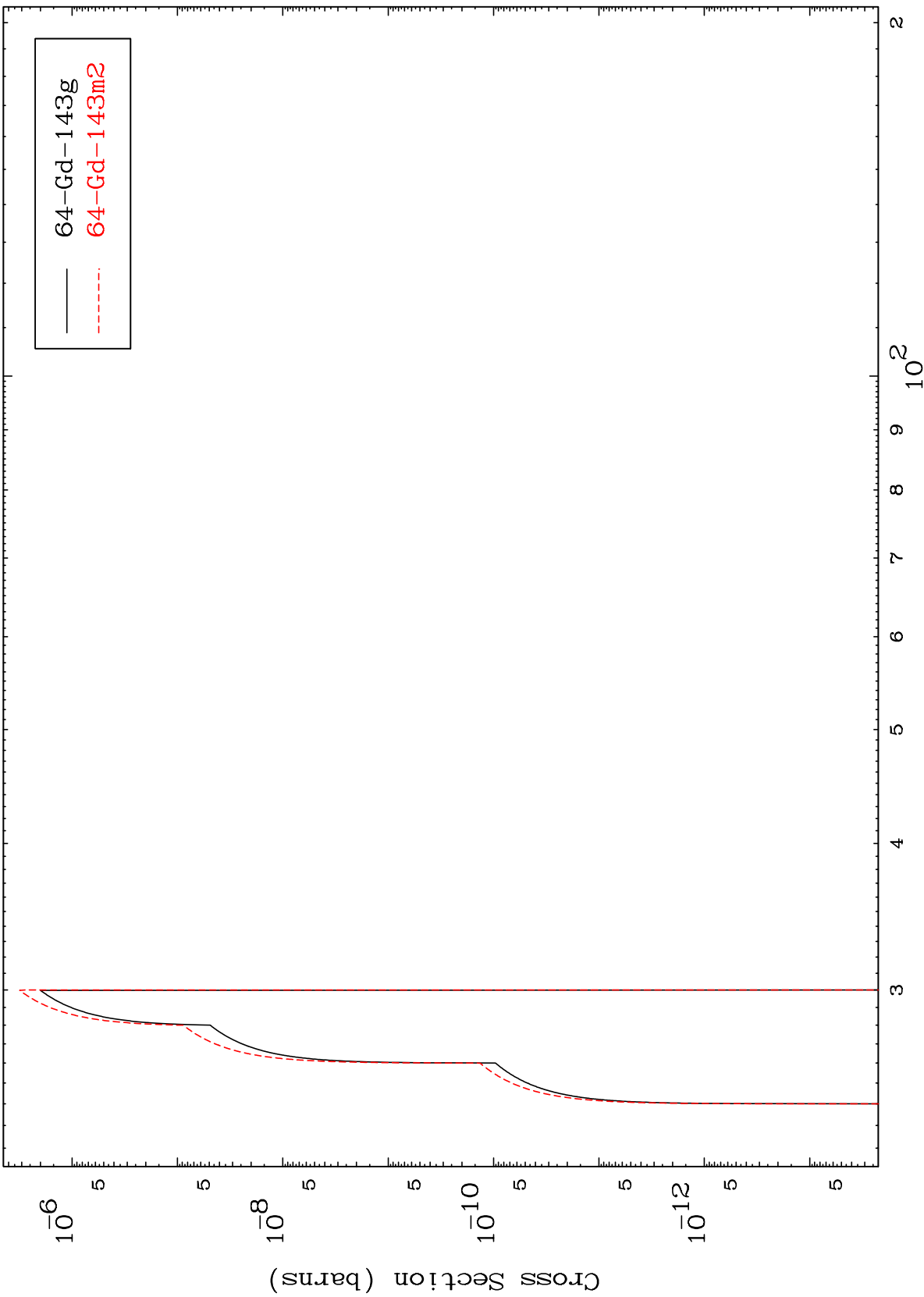


12

Incident Energy (MeV)

63-Eu-142

Radionuclide Production Cross Section

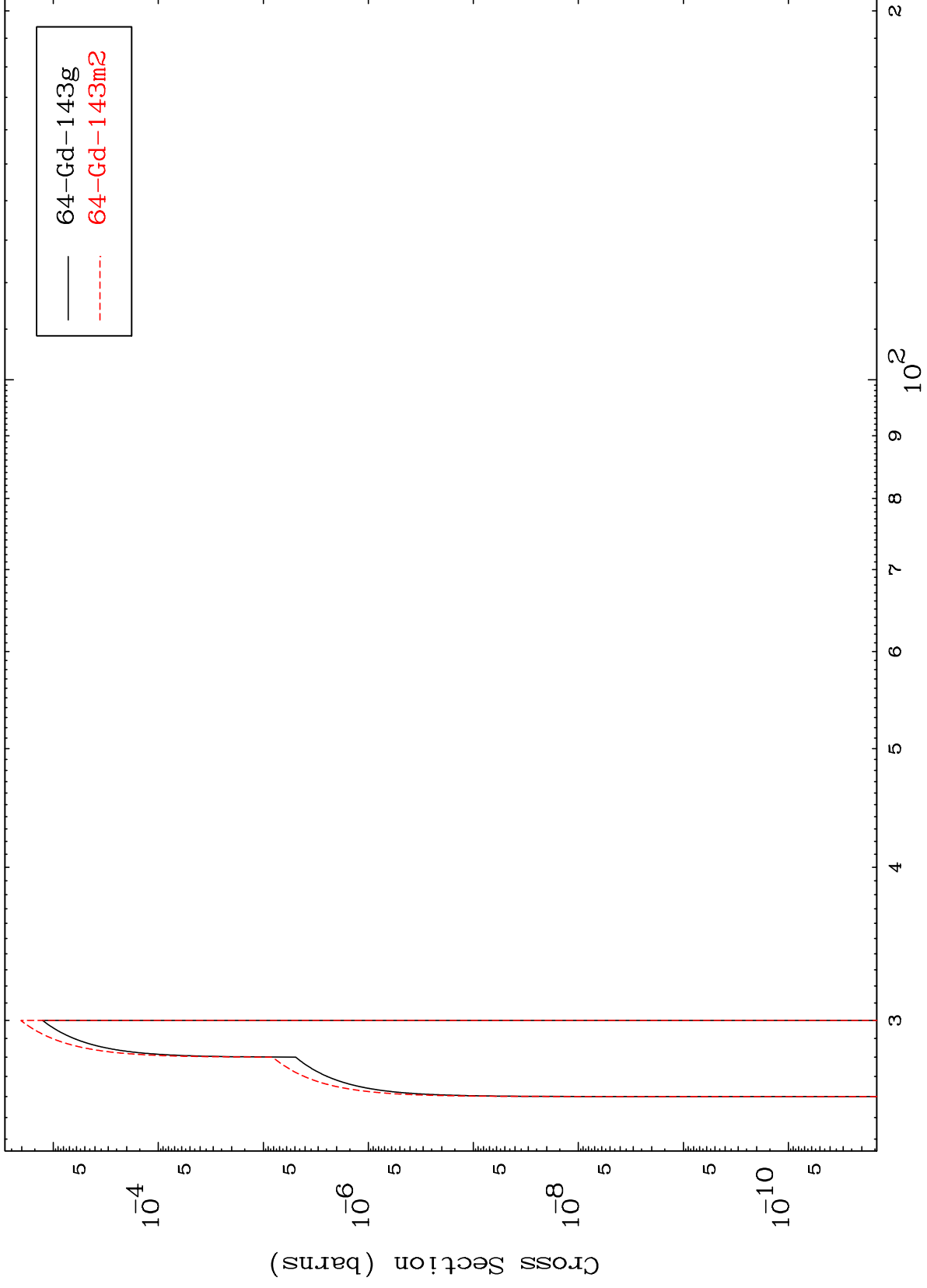


MAT 6299

$(\alpha, 2n)$  p

63-Eu-142

Radionuclide Production Cross Section



14

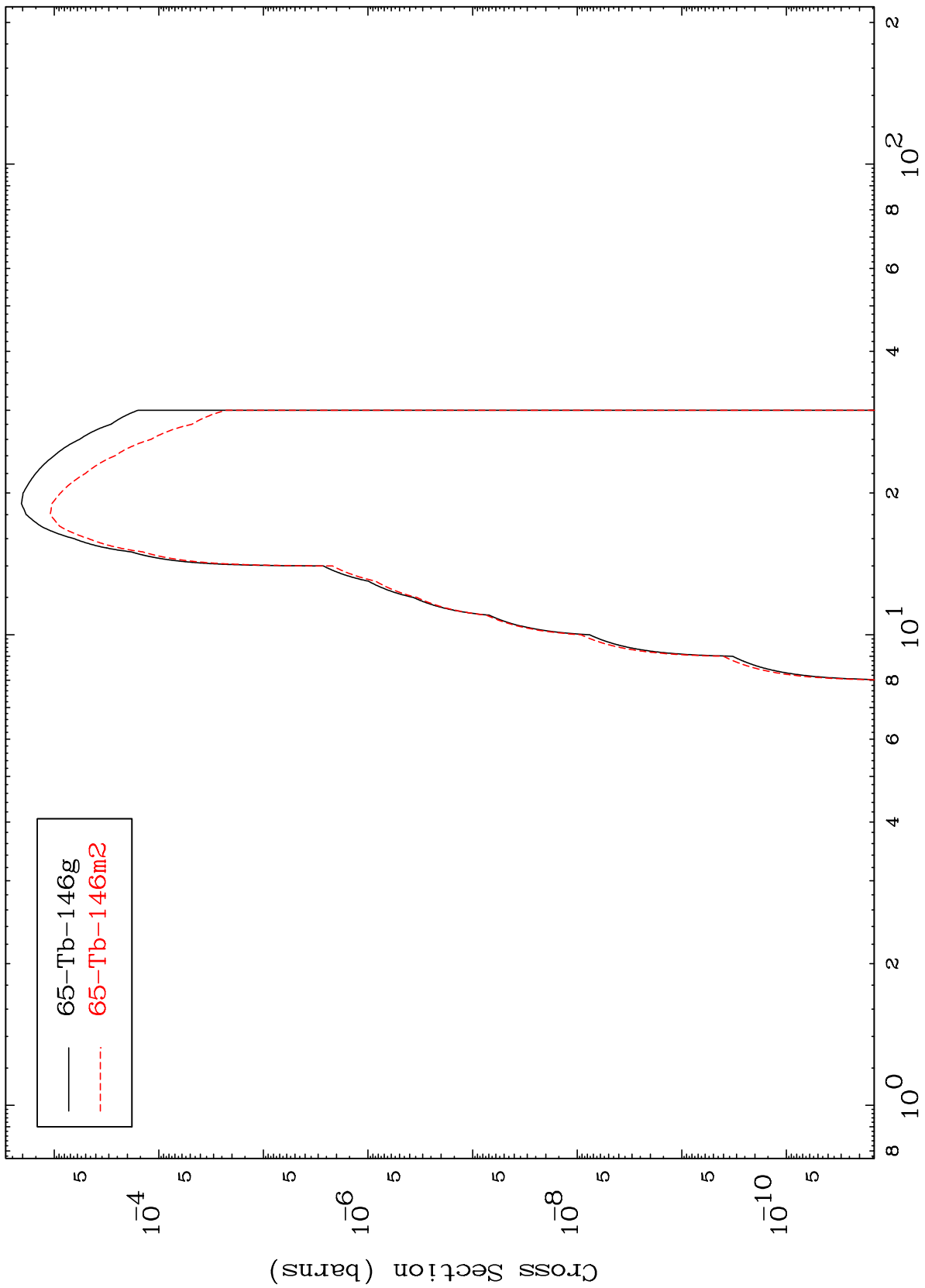
Incident Energy (MeV)

63-Eu-142

MAT 6299

63-Eu-142

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



63-Eu-142

Incident Energy (MeV)

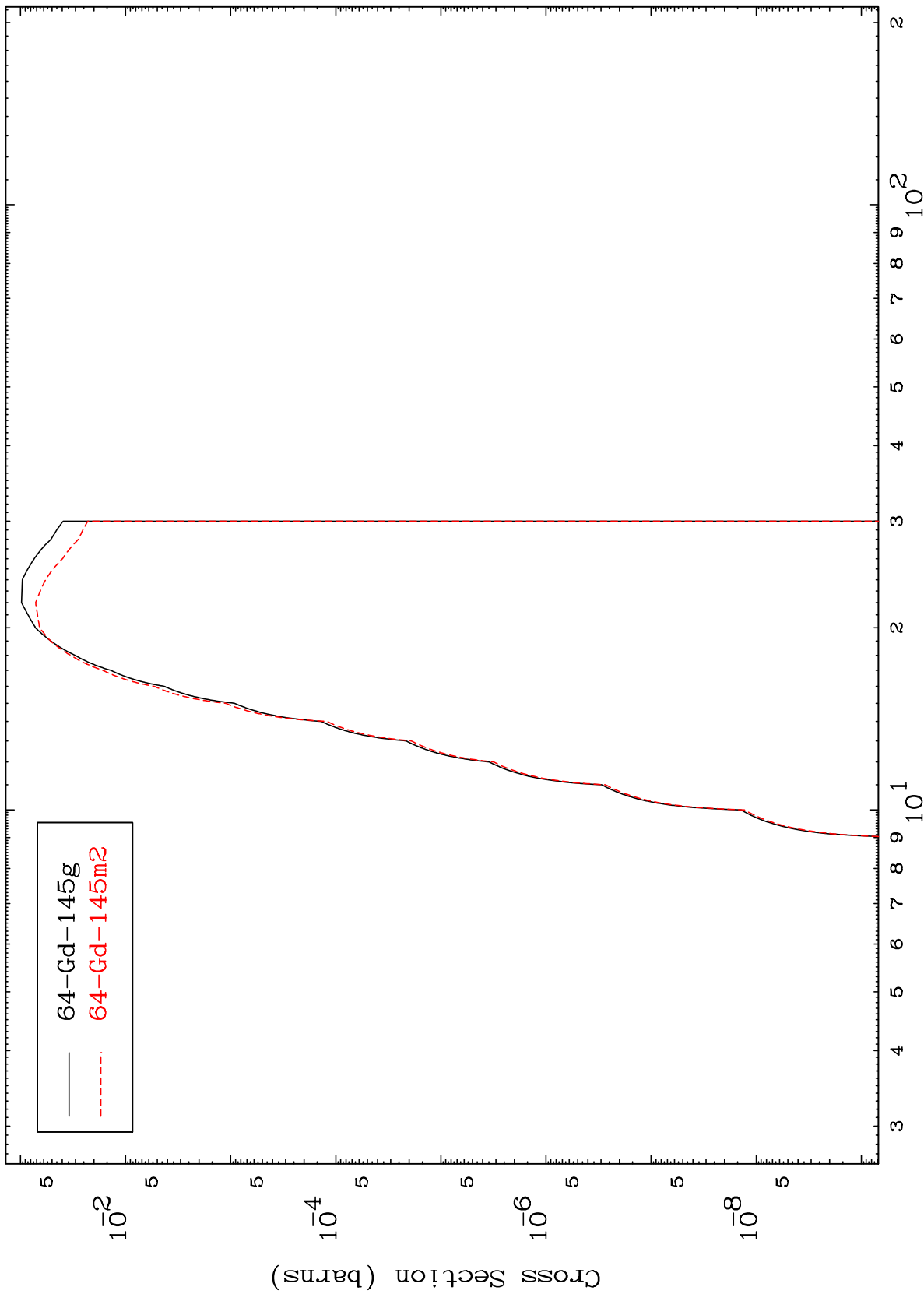
15



MAT 6299

63-Eu-142

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

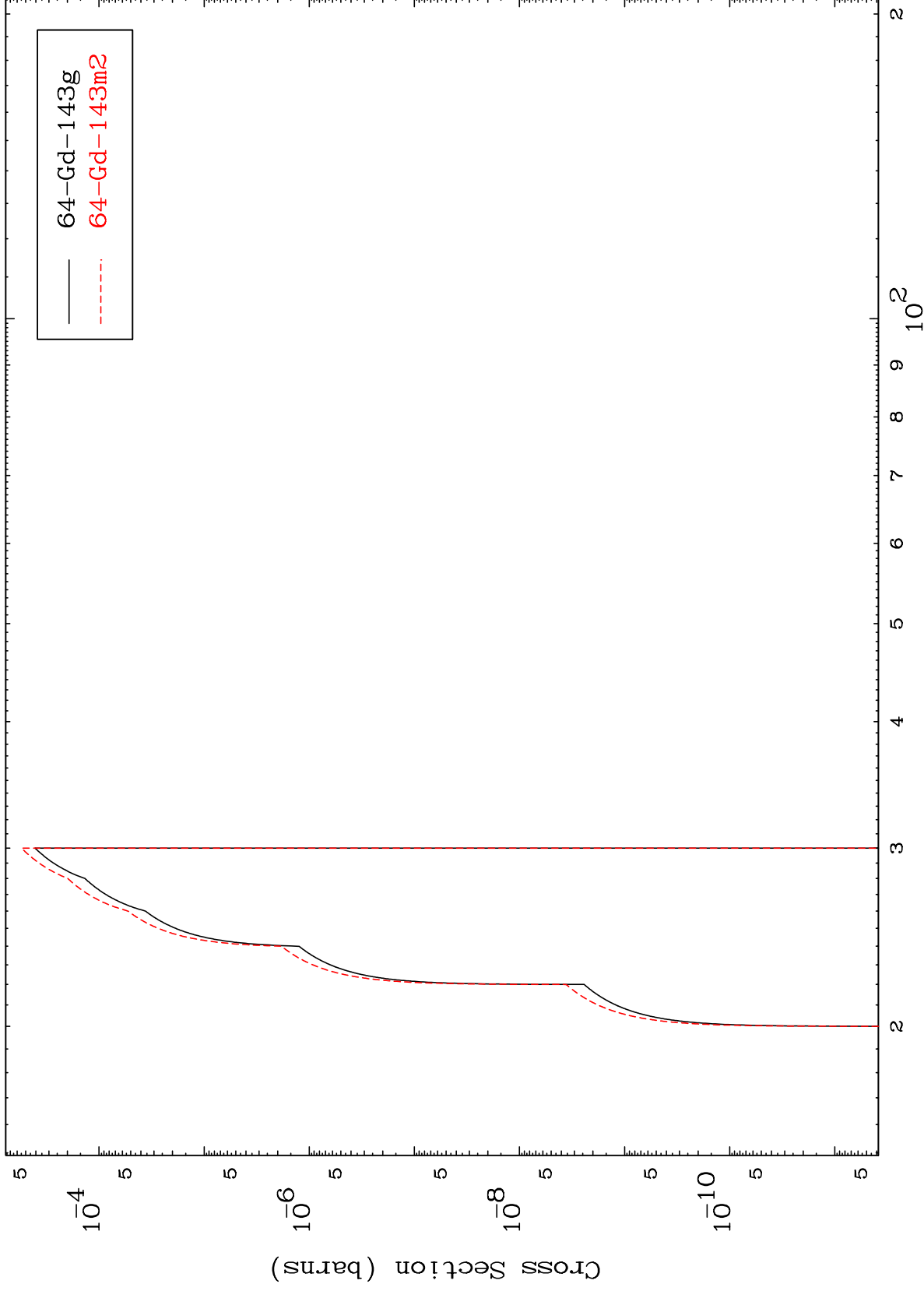


16

Incident Energy (MeV)

63-Eu-142

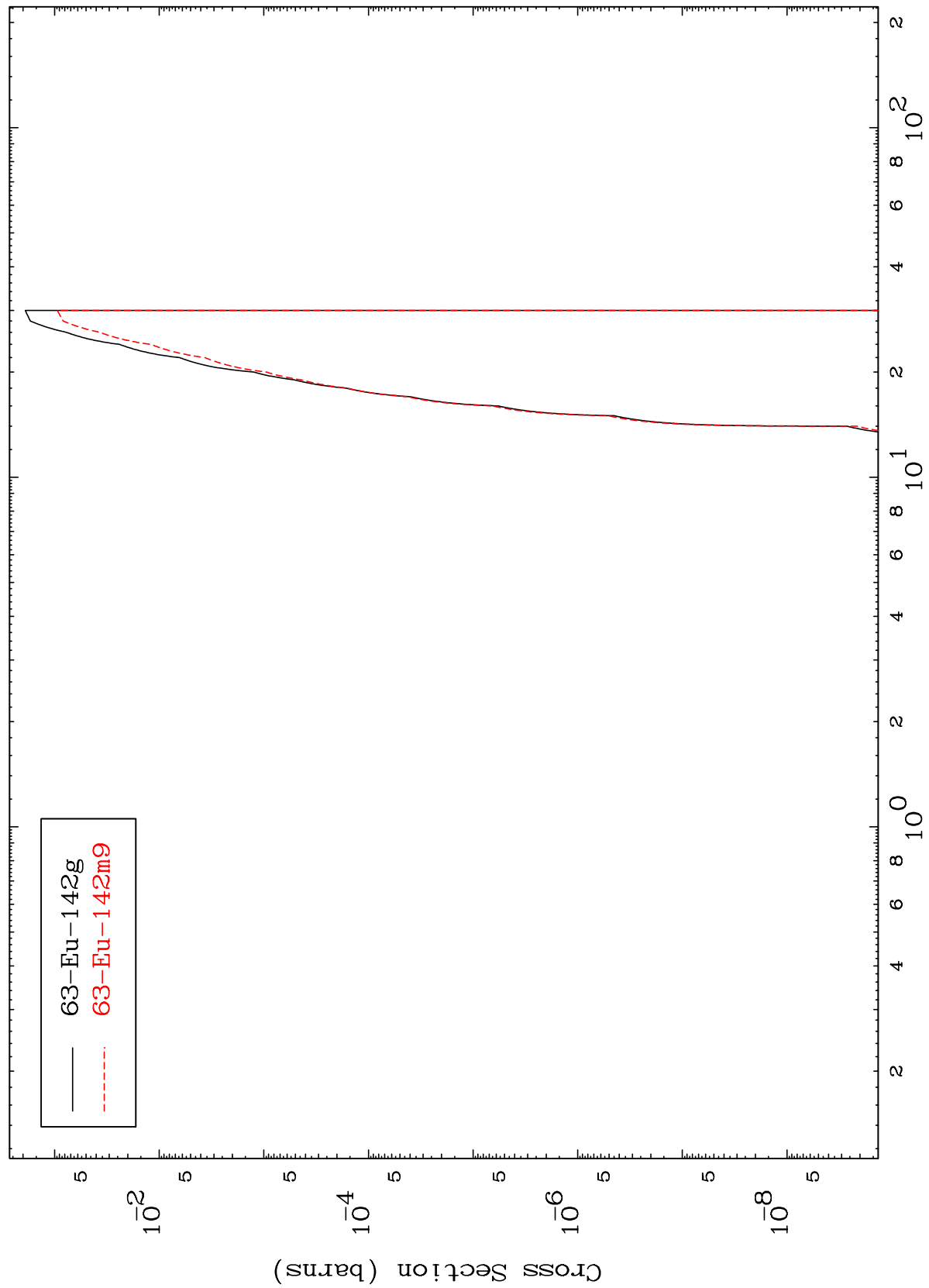
( $\alpha, t$ )  
Radionuclide Production Cross Section



MAT 6299

63-Eu-142

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



18

63-Eu-142

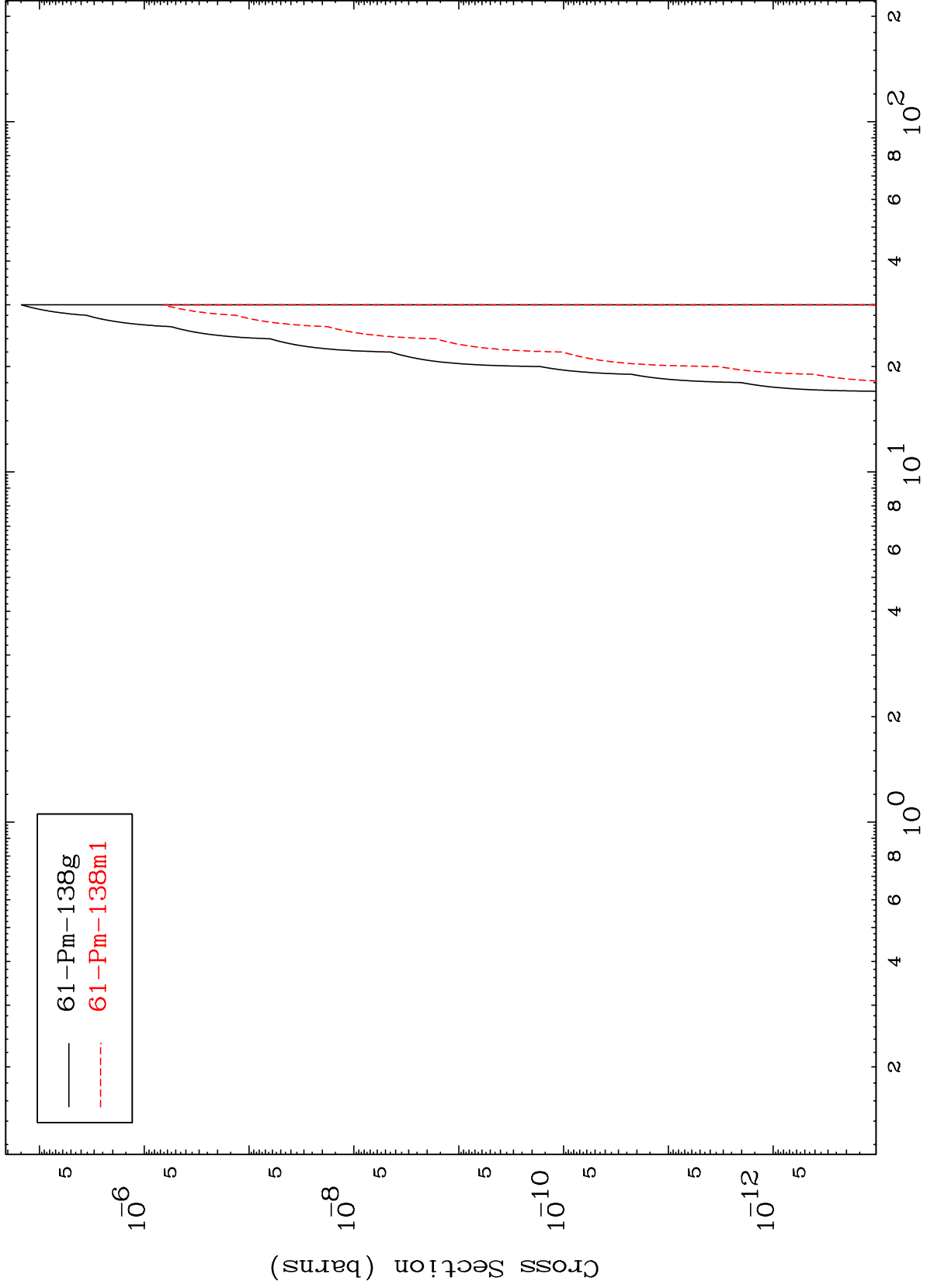
Incident Energy (MeV)

MAT 6299

( $\alpha, 2\alpha$ )

63-Eu-142

Radionuclide Production Cross Section



19

Incident Energy (MeV)

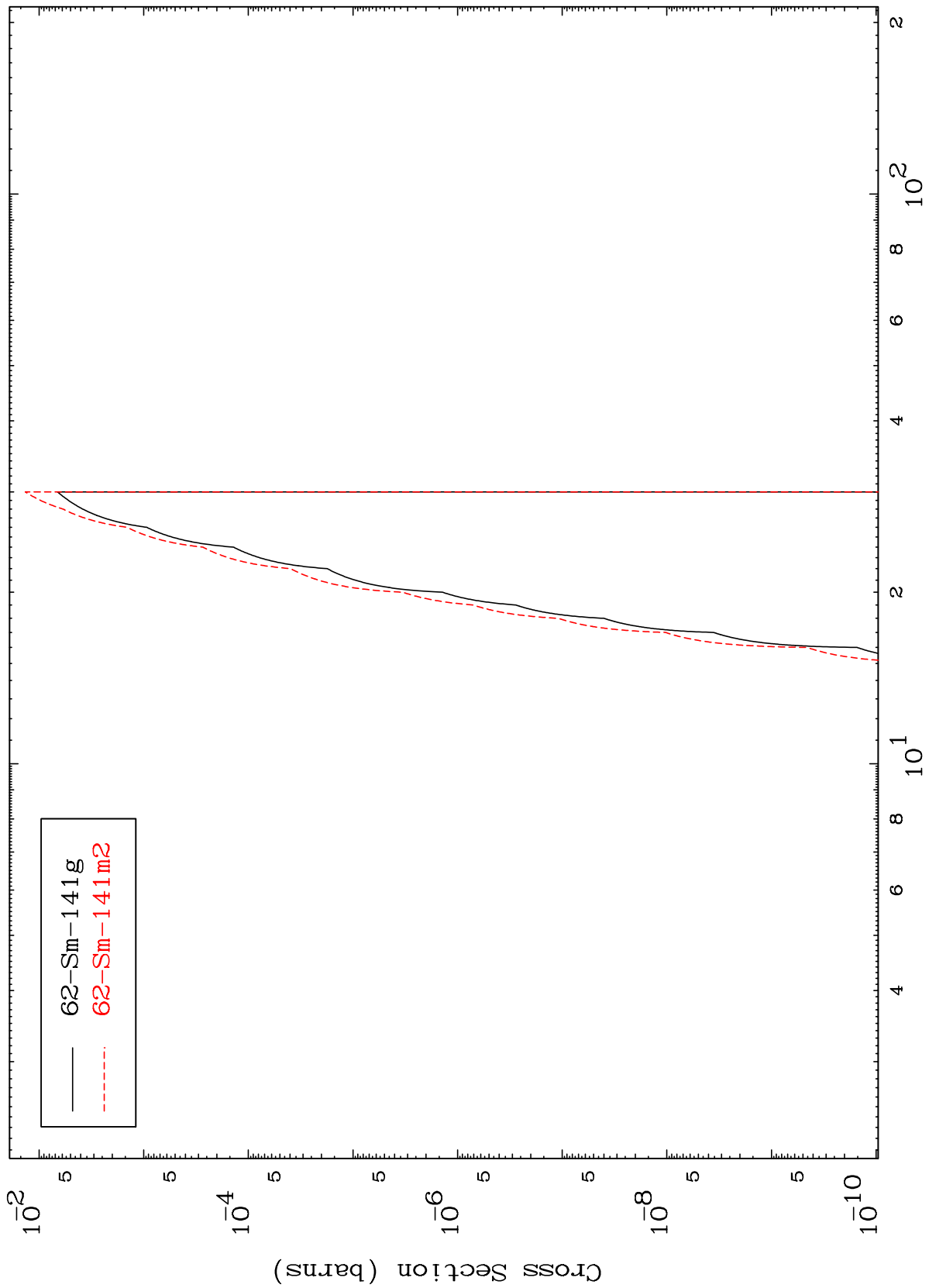
63-Eu-142

MAT 6299

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

63-Eu-142

Radionuclide Production Cross Section



— 62-Sm-141g  
- - - 62-Sm-141m2