

Program EVALPLOT  
(Version 2018-1)

by

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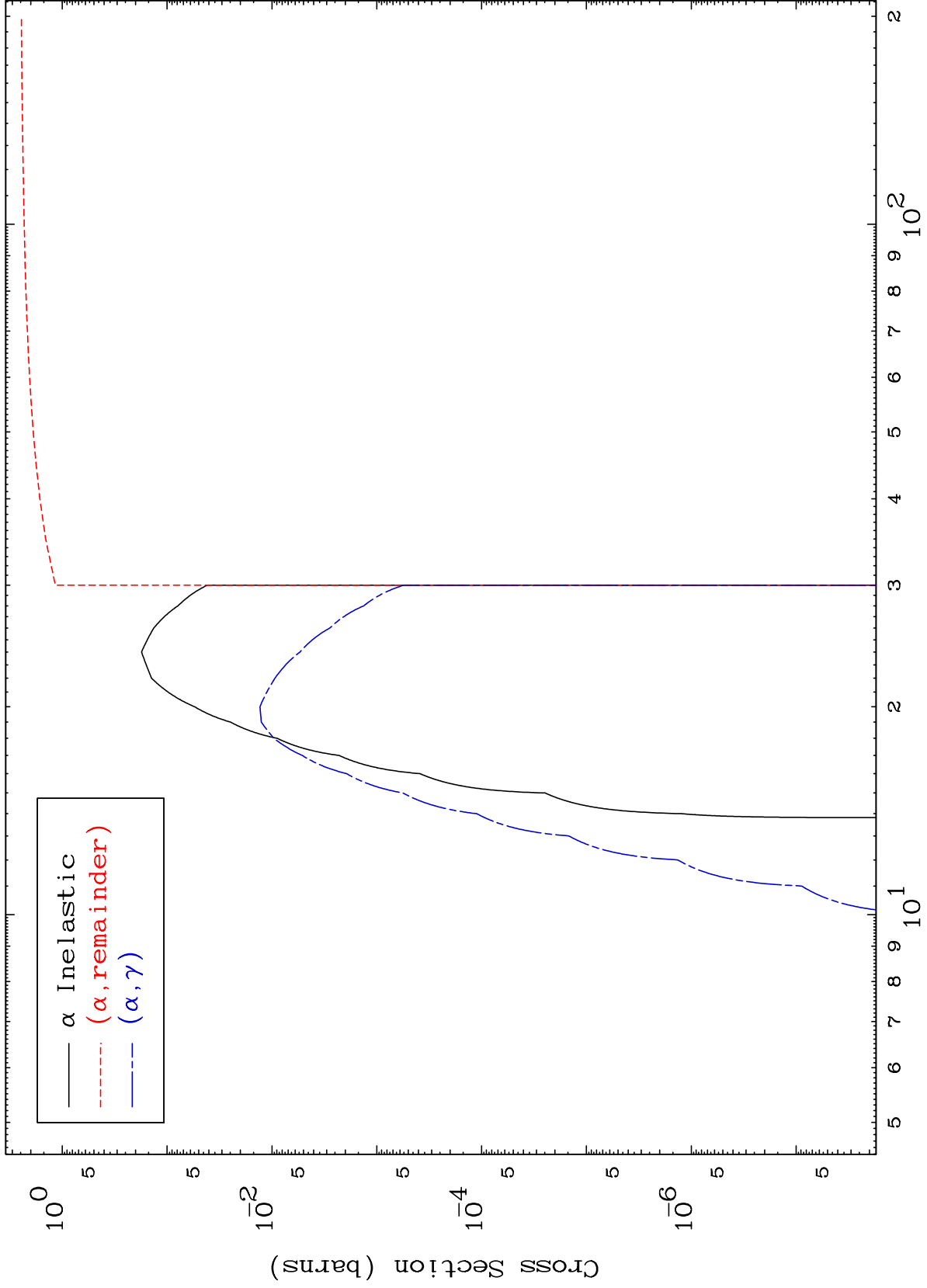
Press Mouse Button to Start

MAT 6881

$\alpha$  Major

69-Tm-154

0 Kelvin Cross Sections

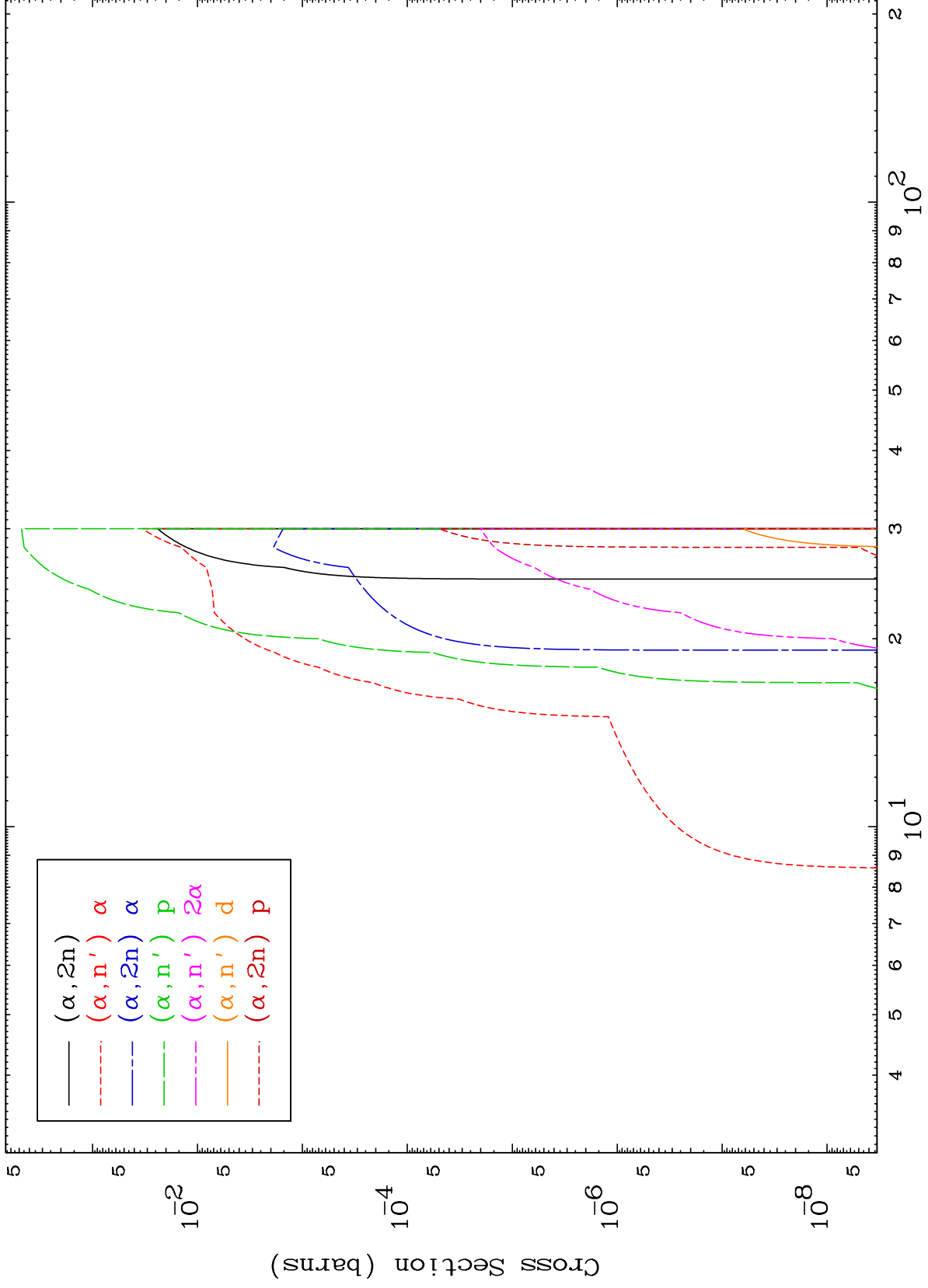


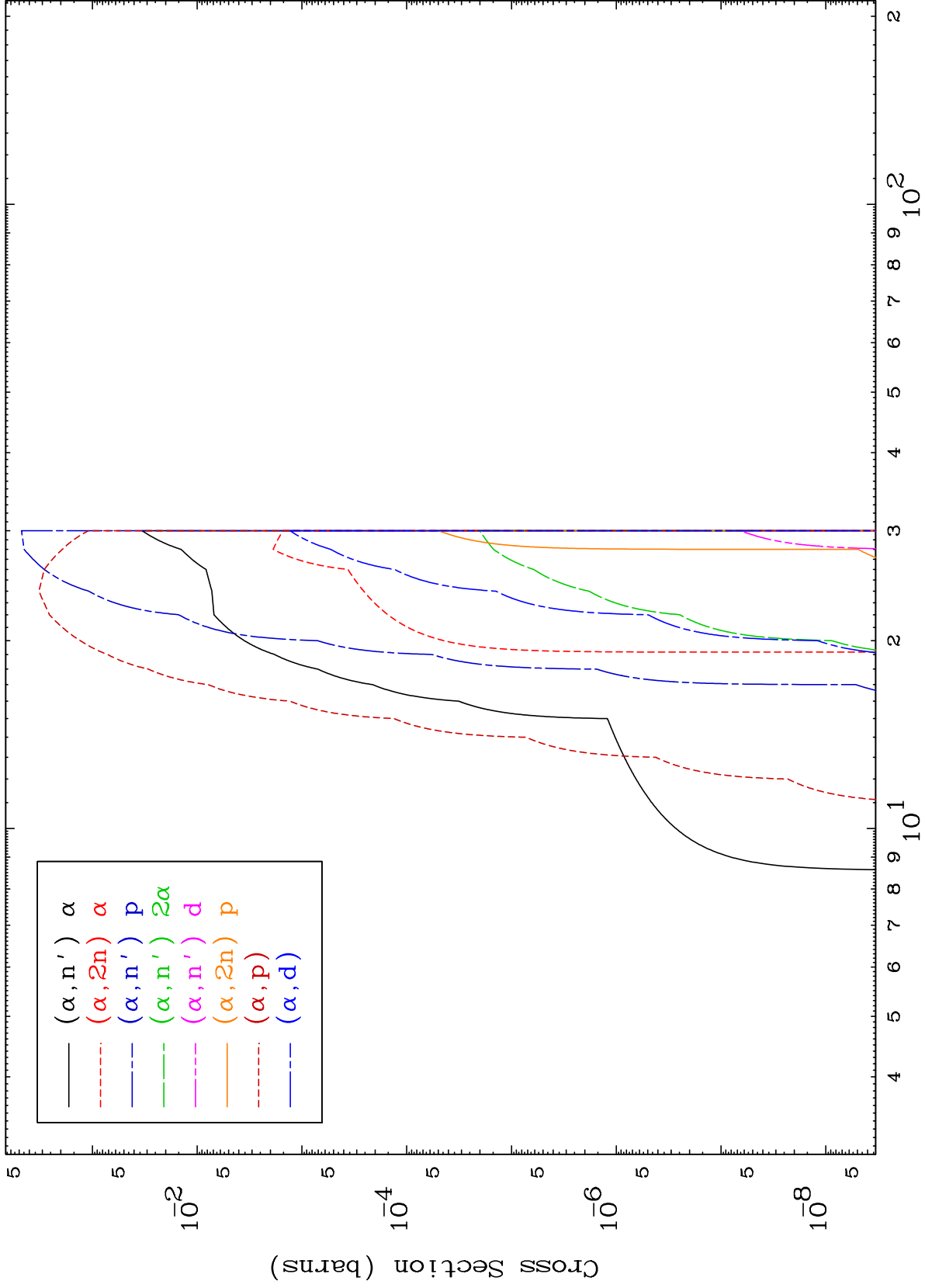
—  $\alpha$  Inelastic  
- - -  $(\alpha, \text{remainder})$   
- - -  $(\alpha, \gamma)$

1

Incident Energy (MeV)

69-Tm-154

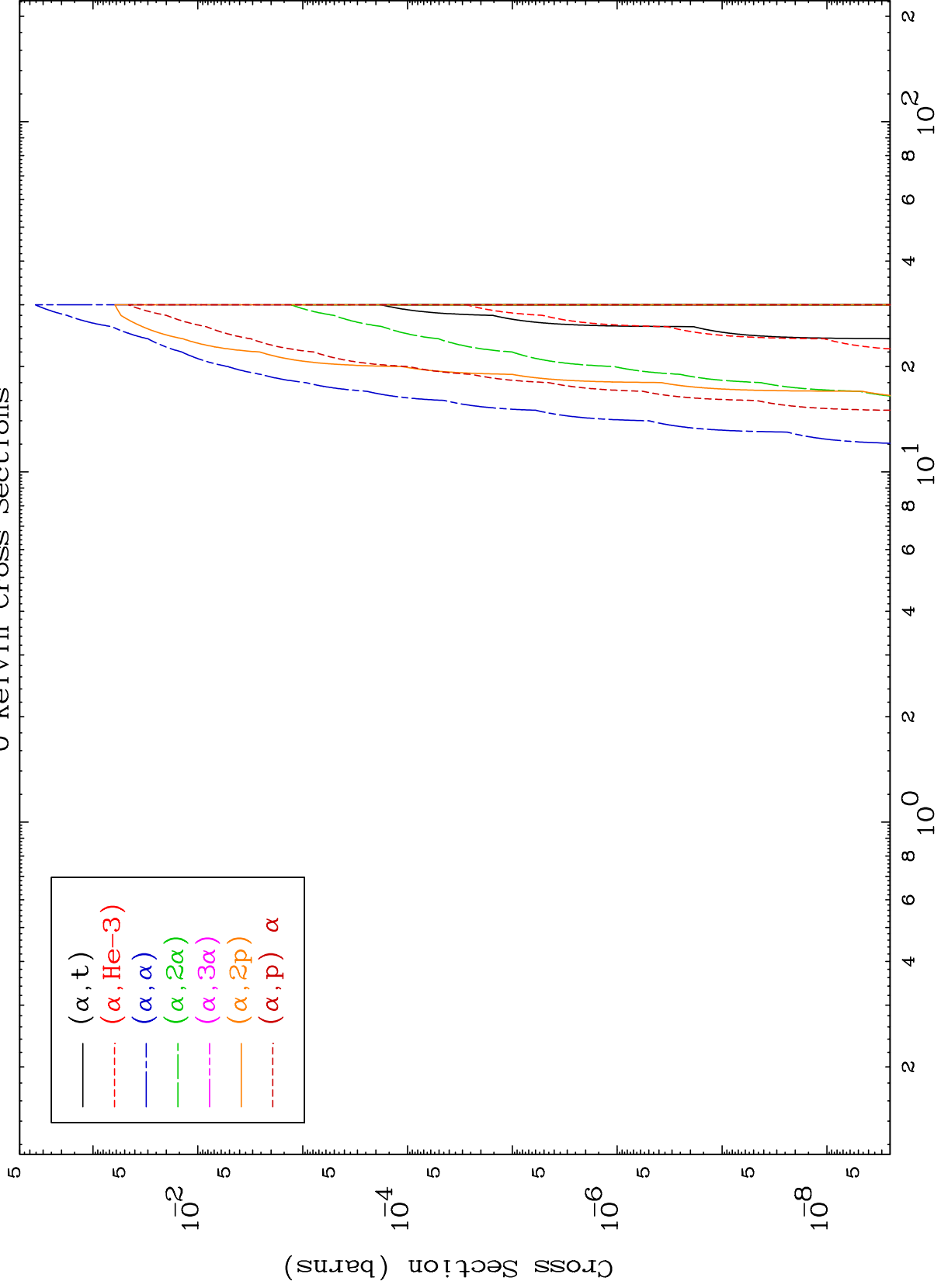




MAT 6881

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

69-Tm-154

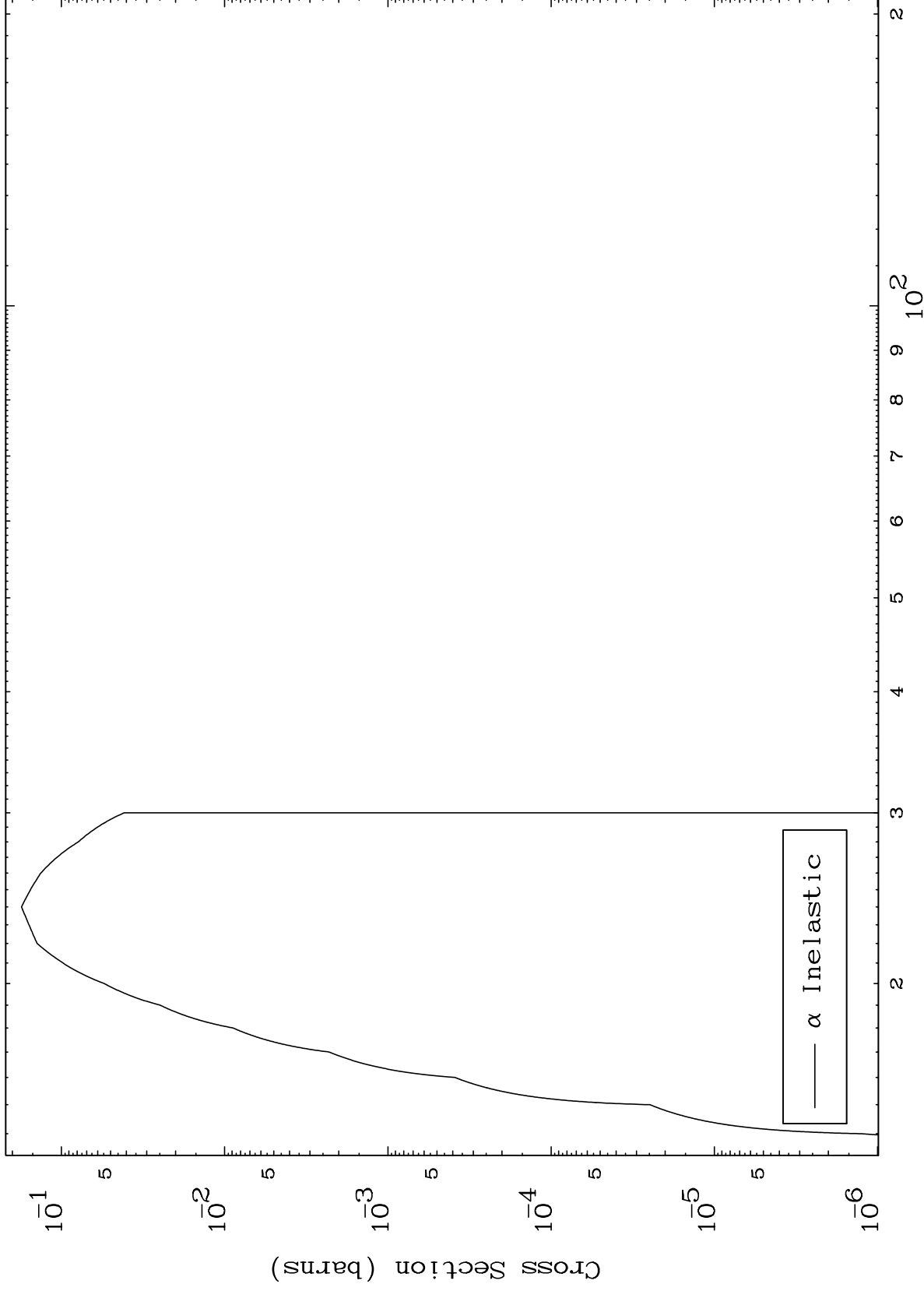


MAT 6881

( $\alpha, n'$ ) Level

69-Tm-154

0 Kelvin Cross Sections



5

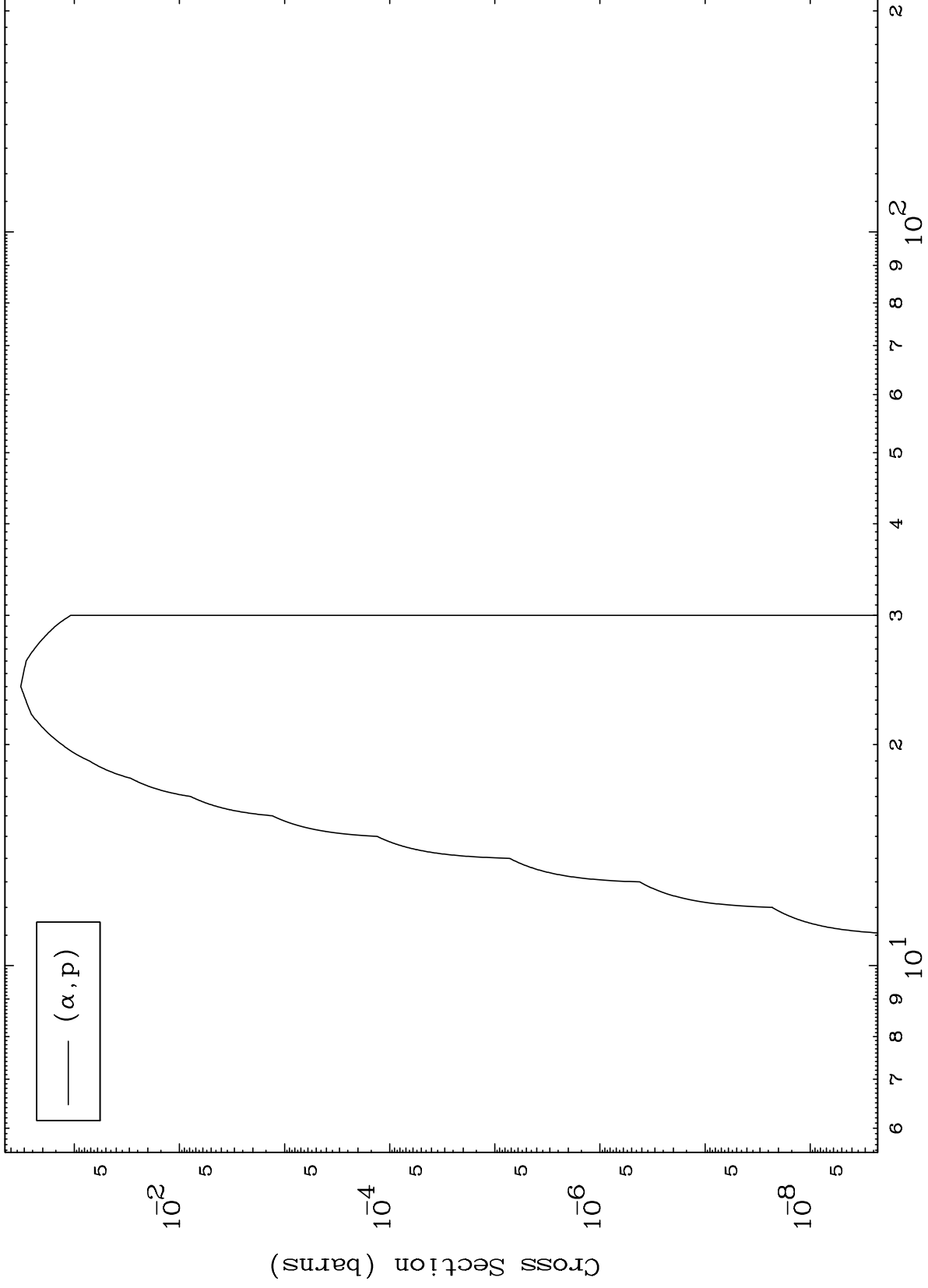
Incident Energy (MeV)

69-Tm-154

MAT 6881

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

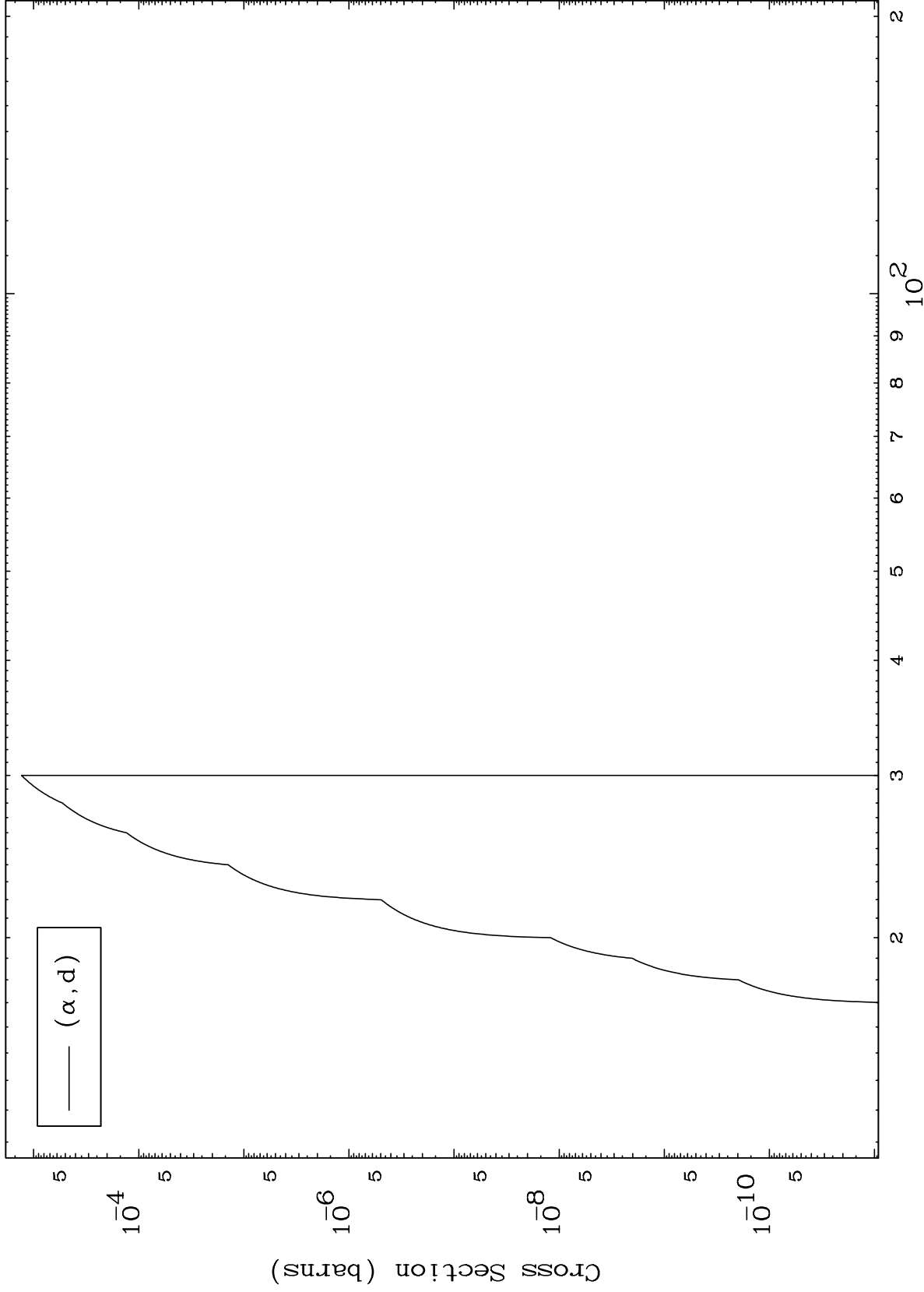
69-Tm-154



6

Incident Energy (MeV)

69-Tm-154

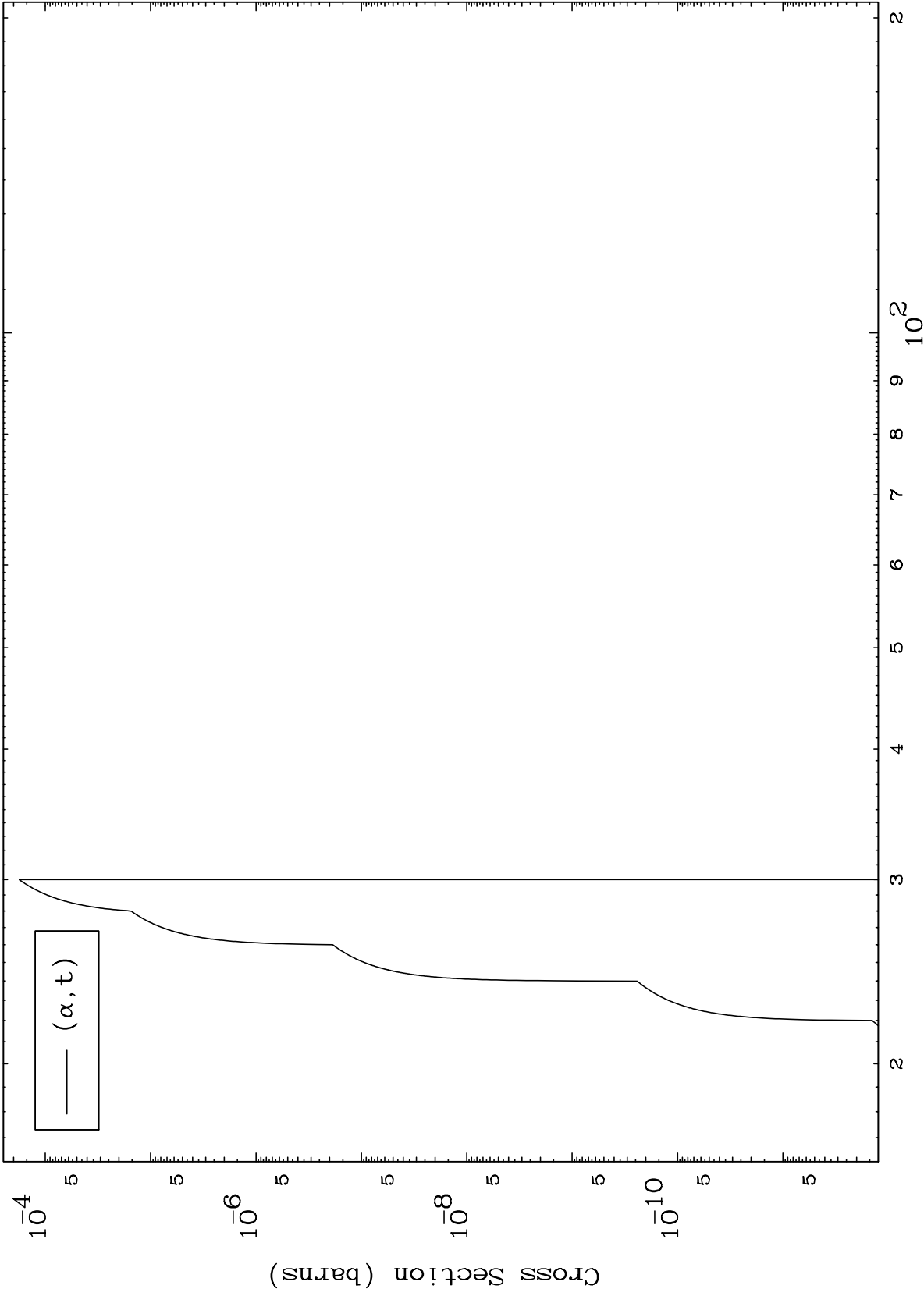




MAT 6881

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

69-Tm-154



8

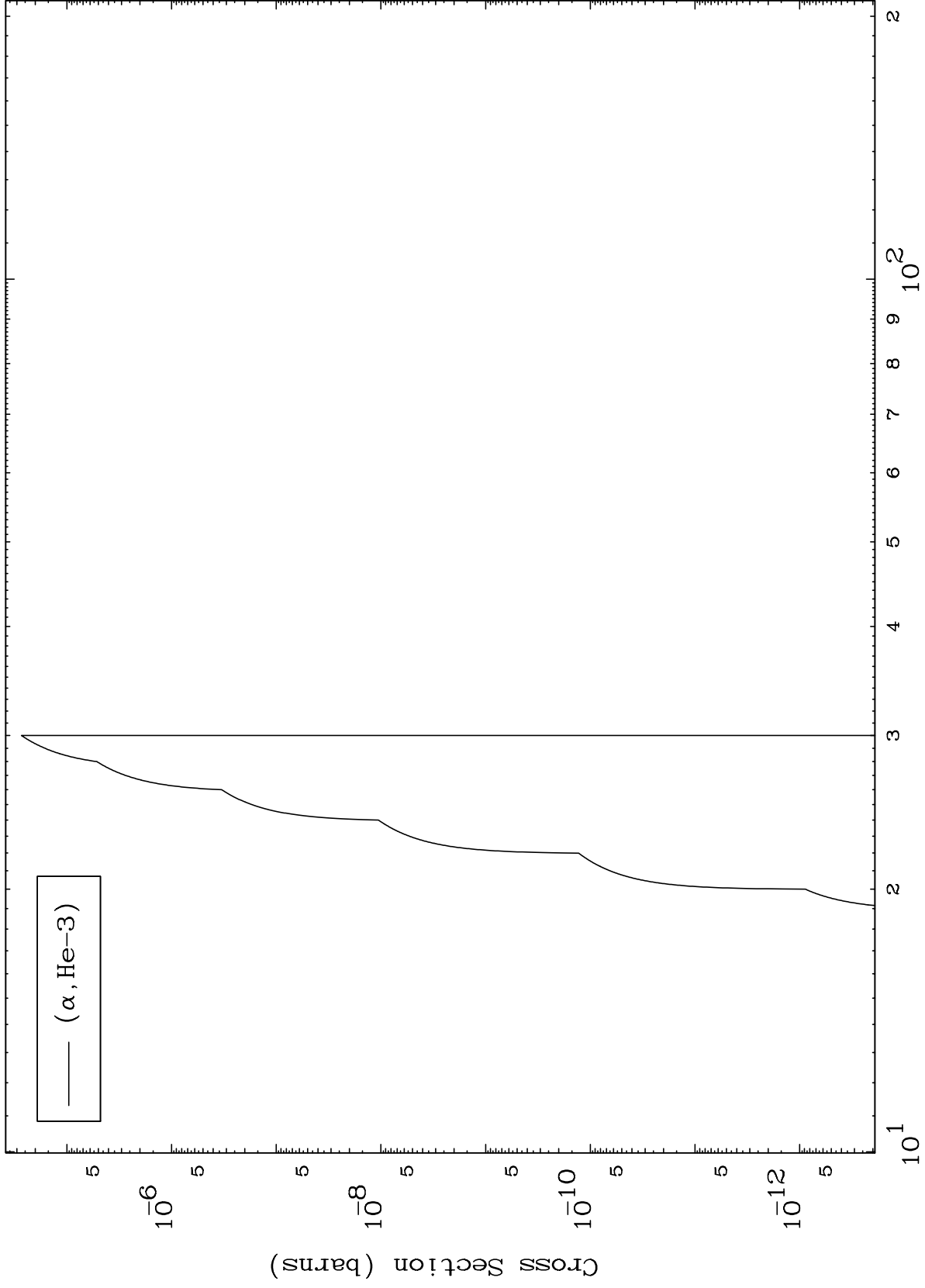
Incident Energy (MeV)

69-Tm-154

MAT 6881

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

69-Tm-154



Incident Energy (MeV)

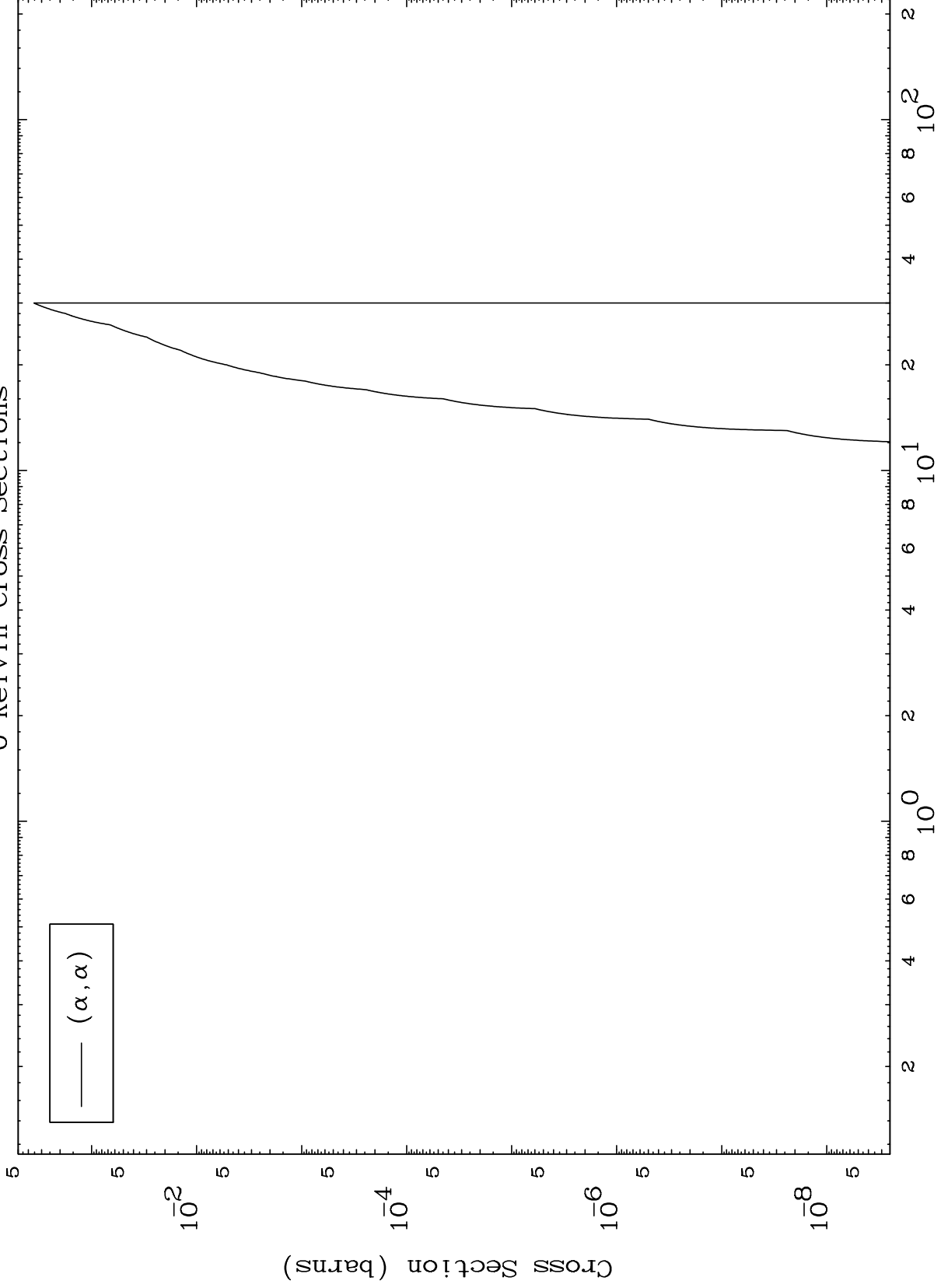
69-Tm-154

MAT 6881

( $\alpha, \alpha$ ) Levels

69-Tm-154

0 Kelvin Cross Sections



10

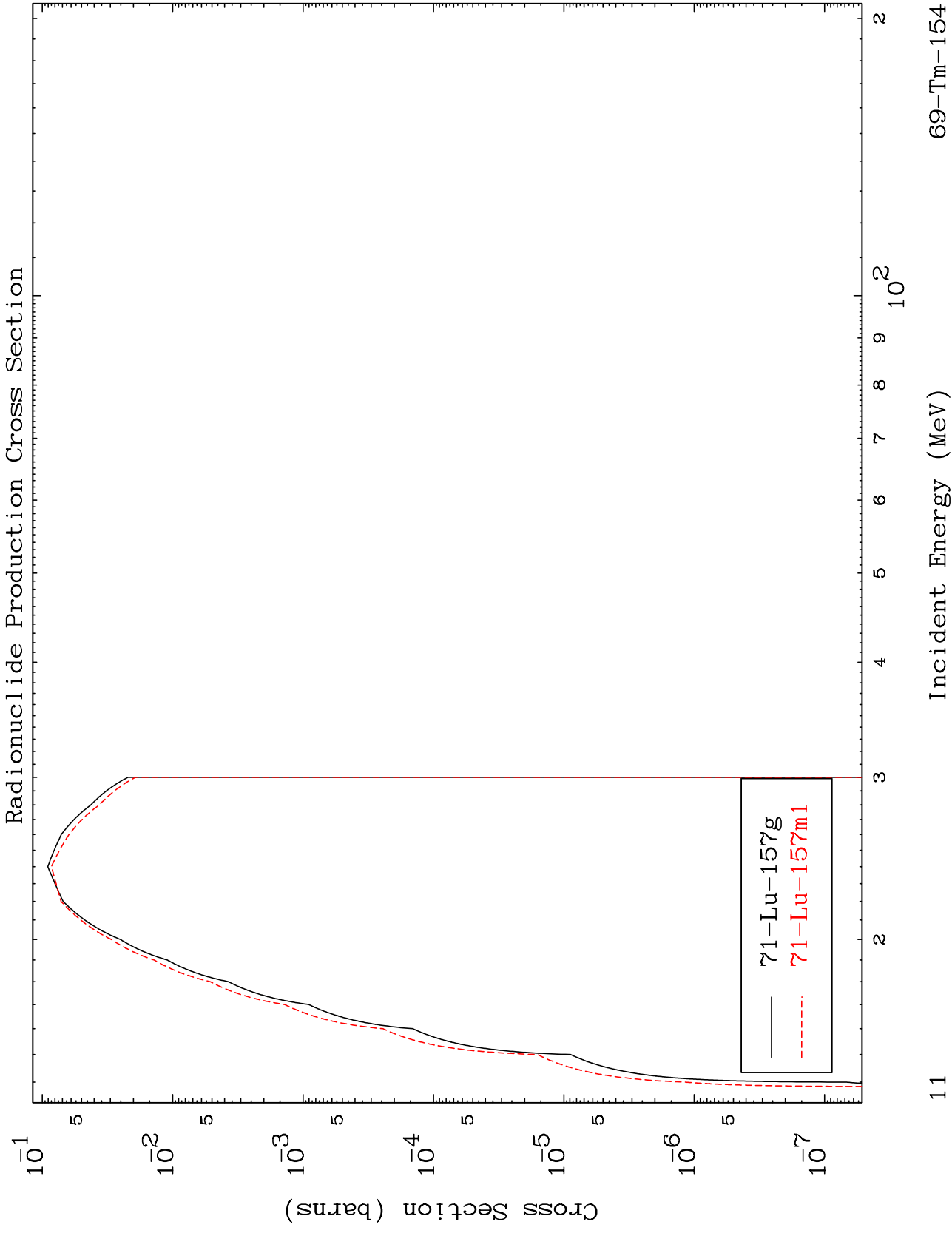
Incident Energy (MeV)

69-Tm-154

MAT 6881

$\alpha$  Inelastic

69-Tm-154



11

Incident Energy (MeV)

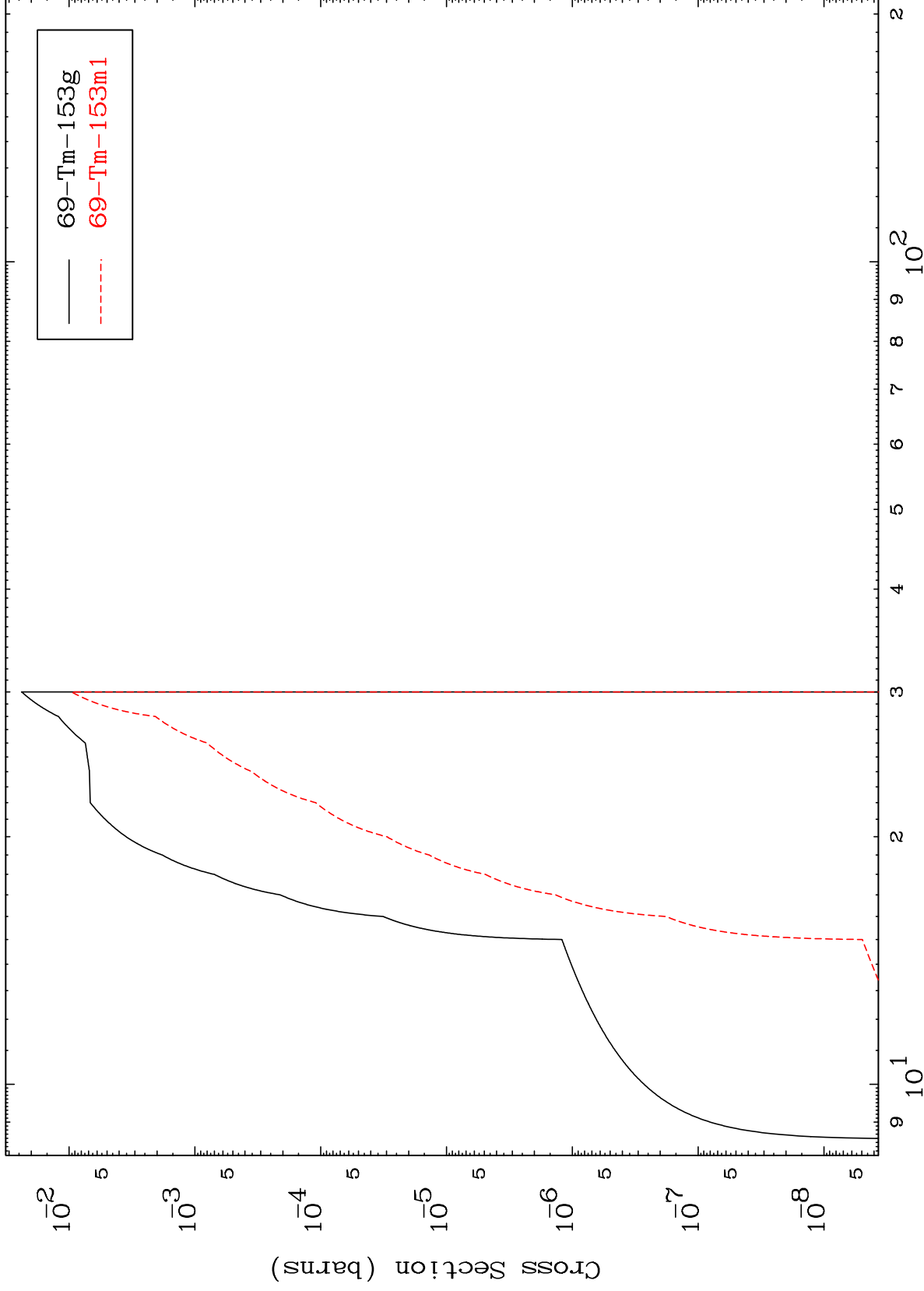
69-Tm-154

MAT 6881

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

69-Tm-154

Radionuclide Production Cross Section



12

Incident Energy (MeV)

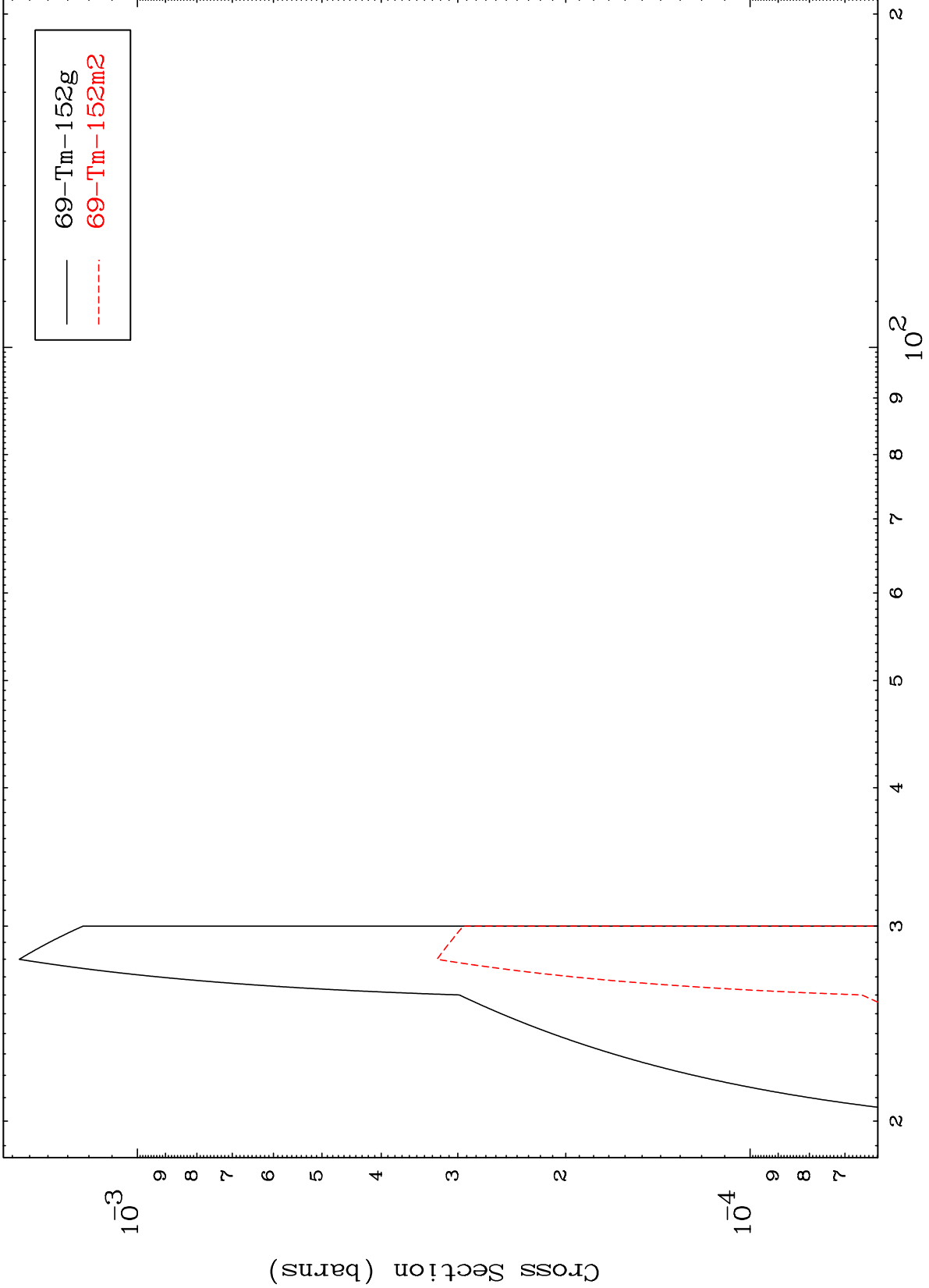
69-Tm-154

MAT 6881

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

$^{69}\text{Tm}-154$

Radionuclide Production Cross Section



—  $^{69}\text{Tm}-152g$   
- - -  $^{69}\text{Tm}-152m2$

13

Incident Energy (MeV)

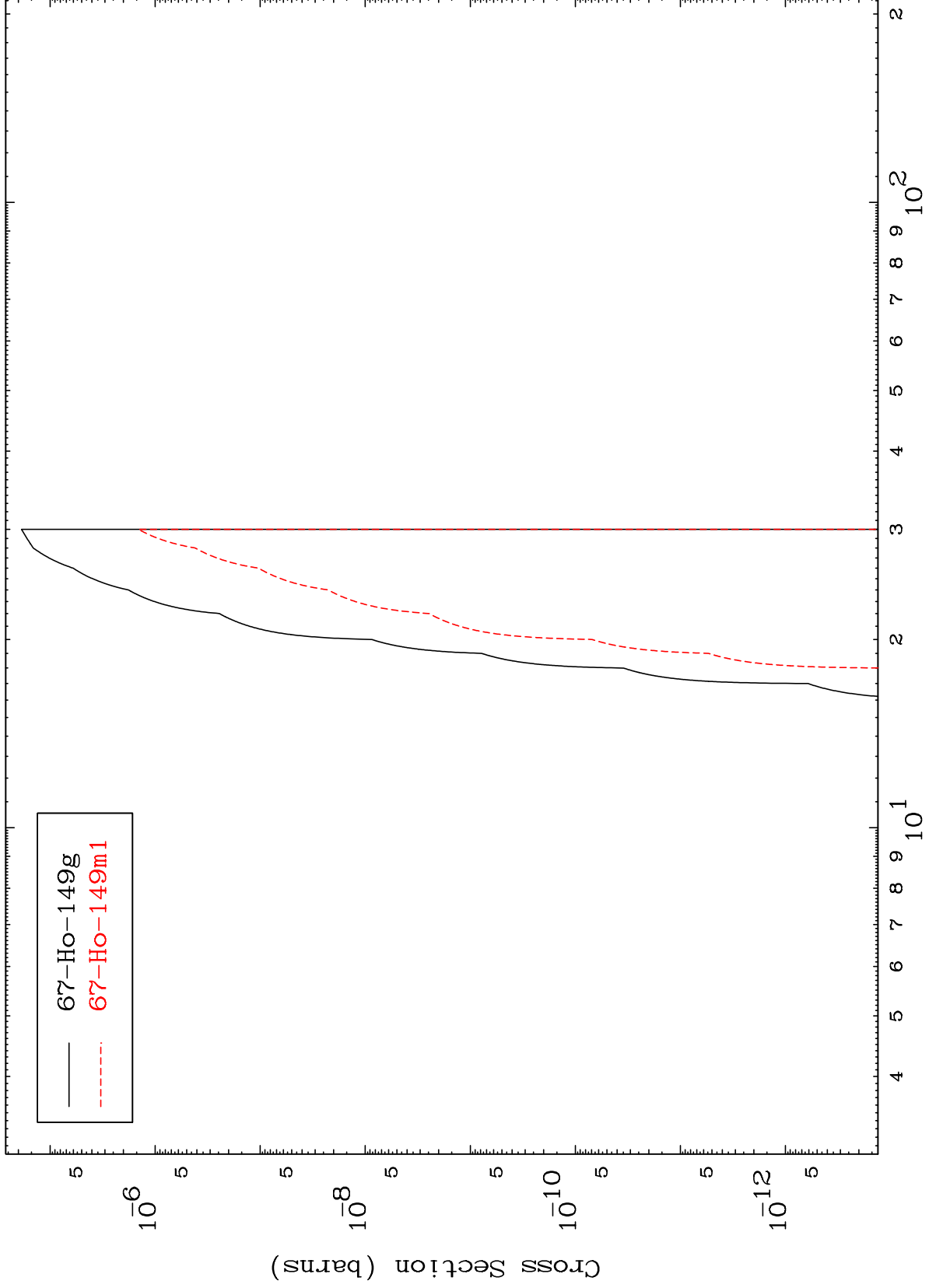
$^{69}\text{Tm}-154$

MAT 6881

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

69-Tm-154

Radionuclide Production Cross Section



14

Incident Energy (MeV)

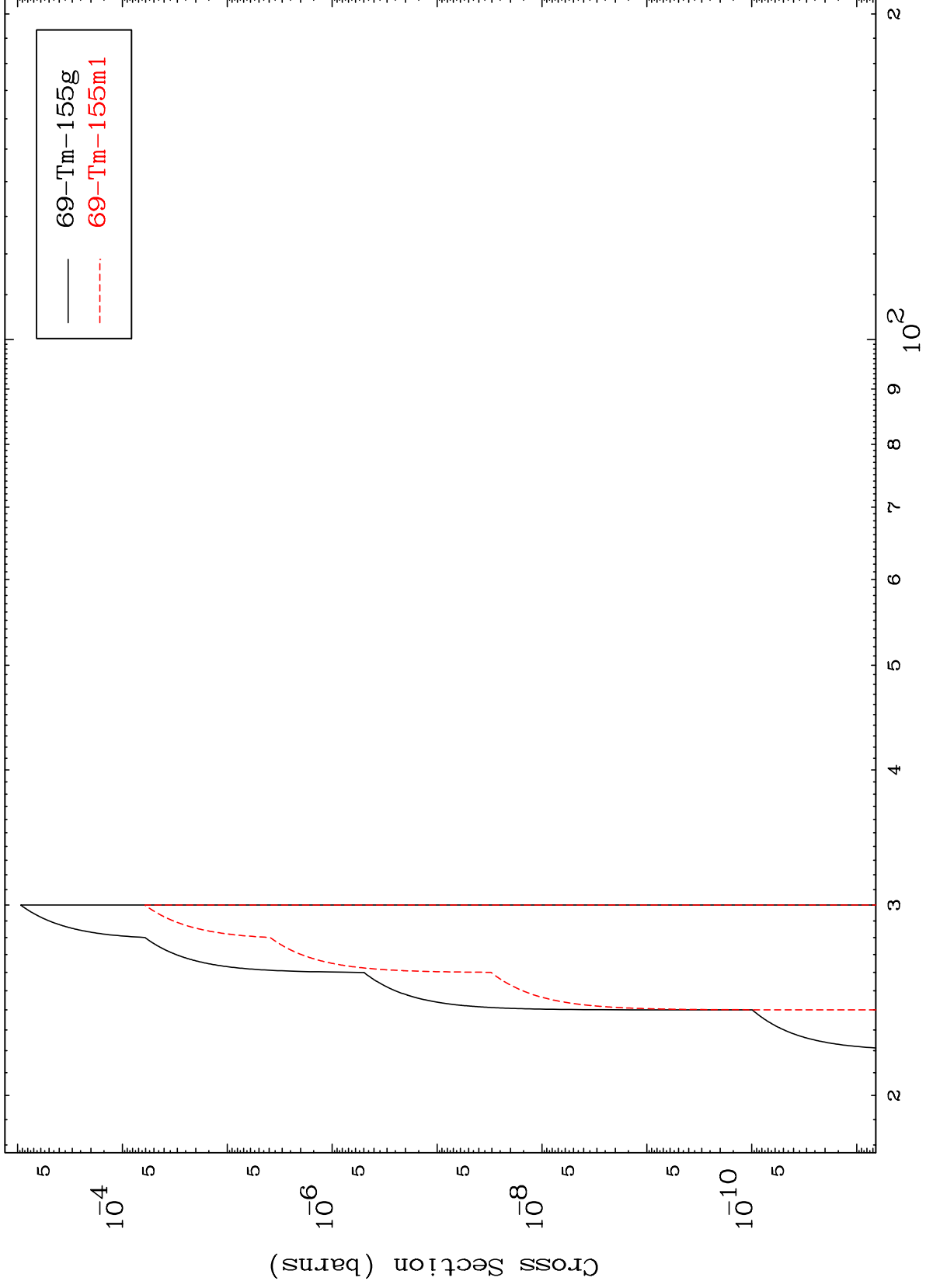
69-Tm-154

MAT 6881

$(\alpha, 2n)$  p

69-Tm-154

Radionuclide Production Cross Section



15

Incident Energy (MeV)

69-Tm-154

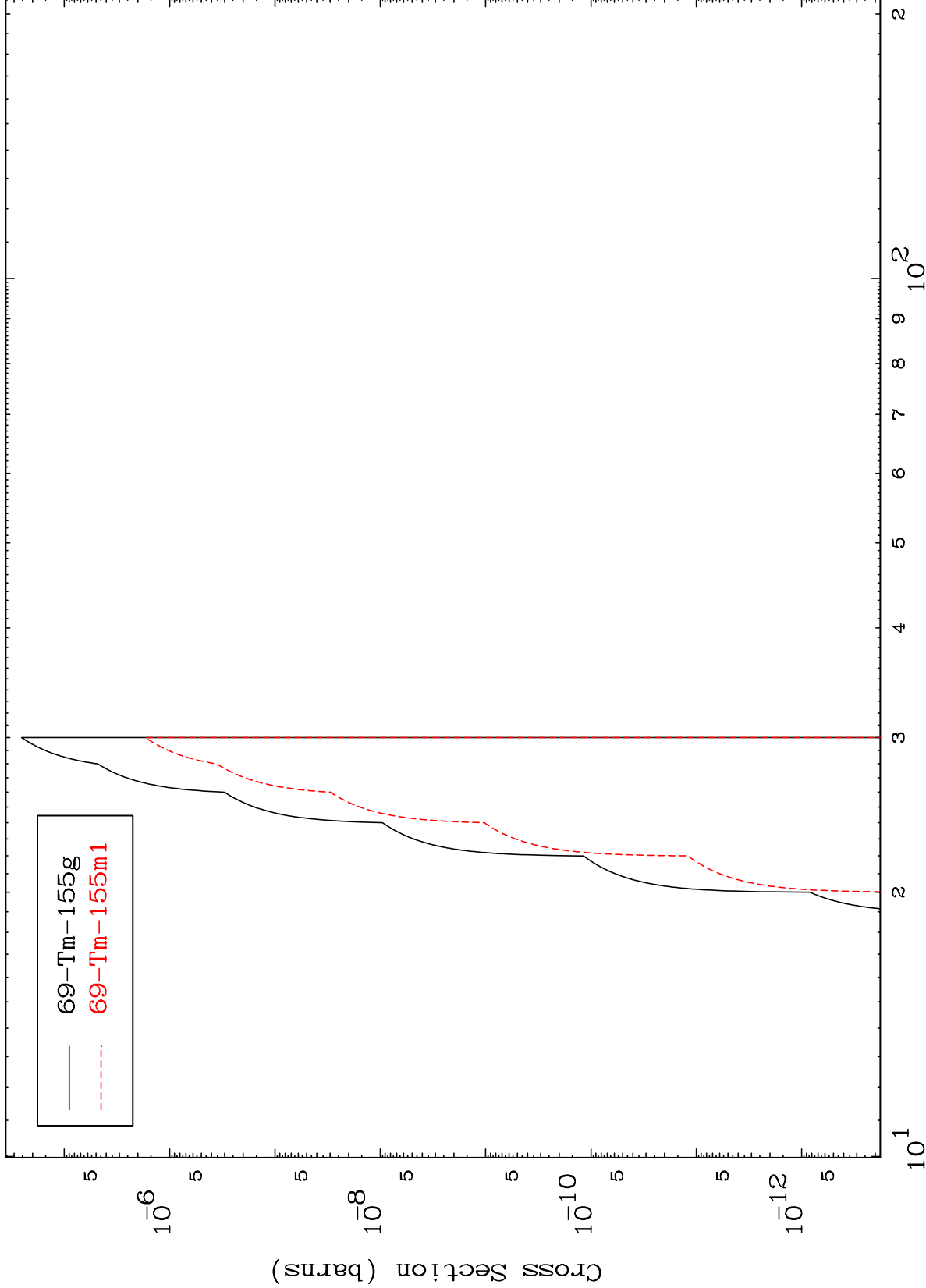


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( $\alpha, \text{He-3}$ )

69-Tm-154

Radionuclide Production Cross Section



16

Incident Energy (MeV)

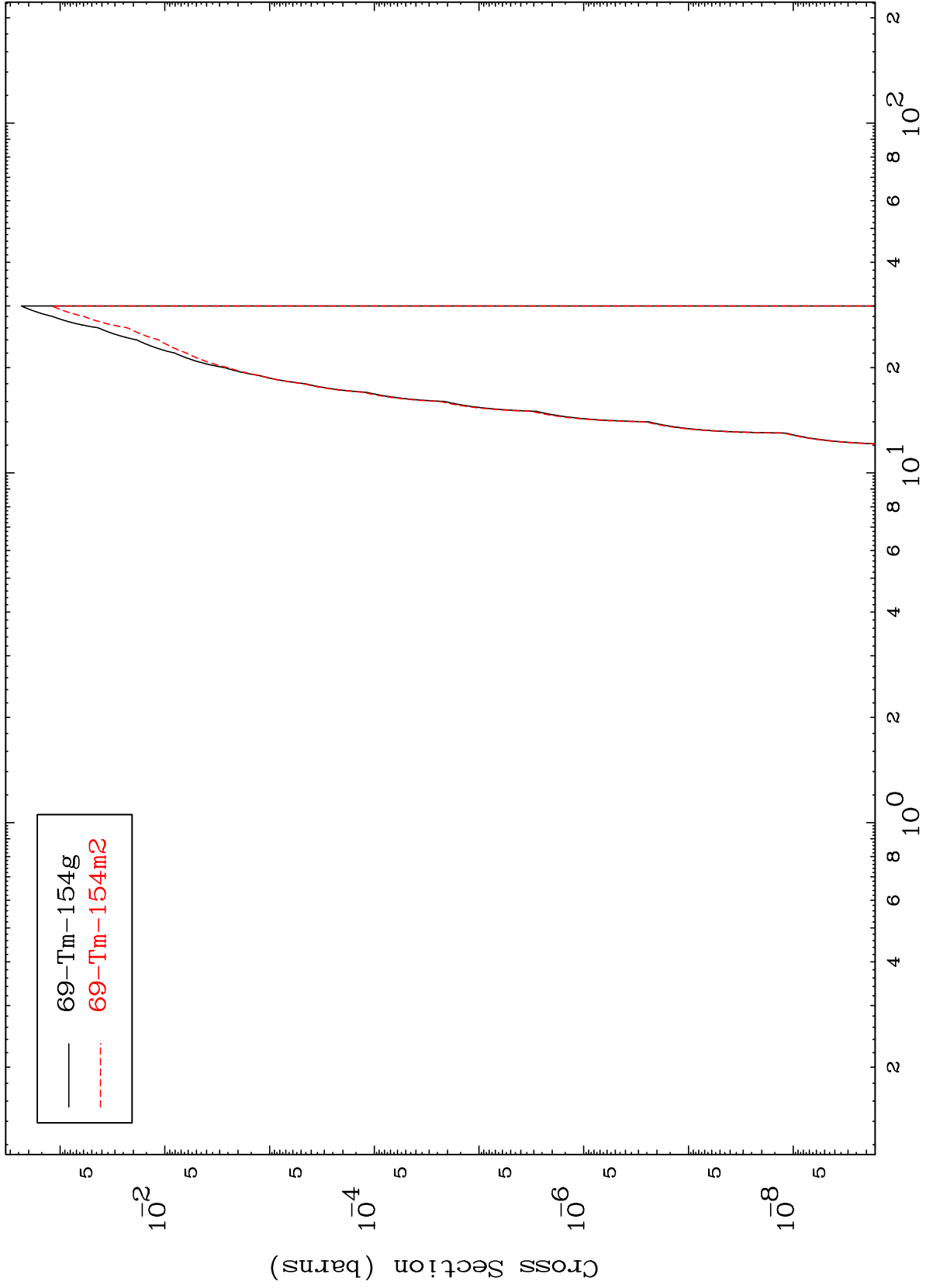
69-Tm-154

MAT 6881

( $\alpha, \alpha$ )

69-Tm-154

Radionuclide Production Cross Section



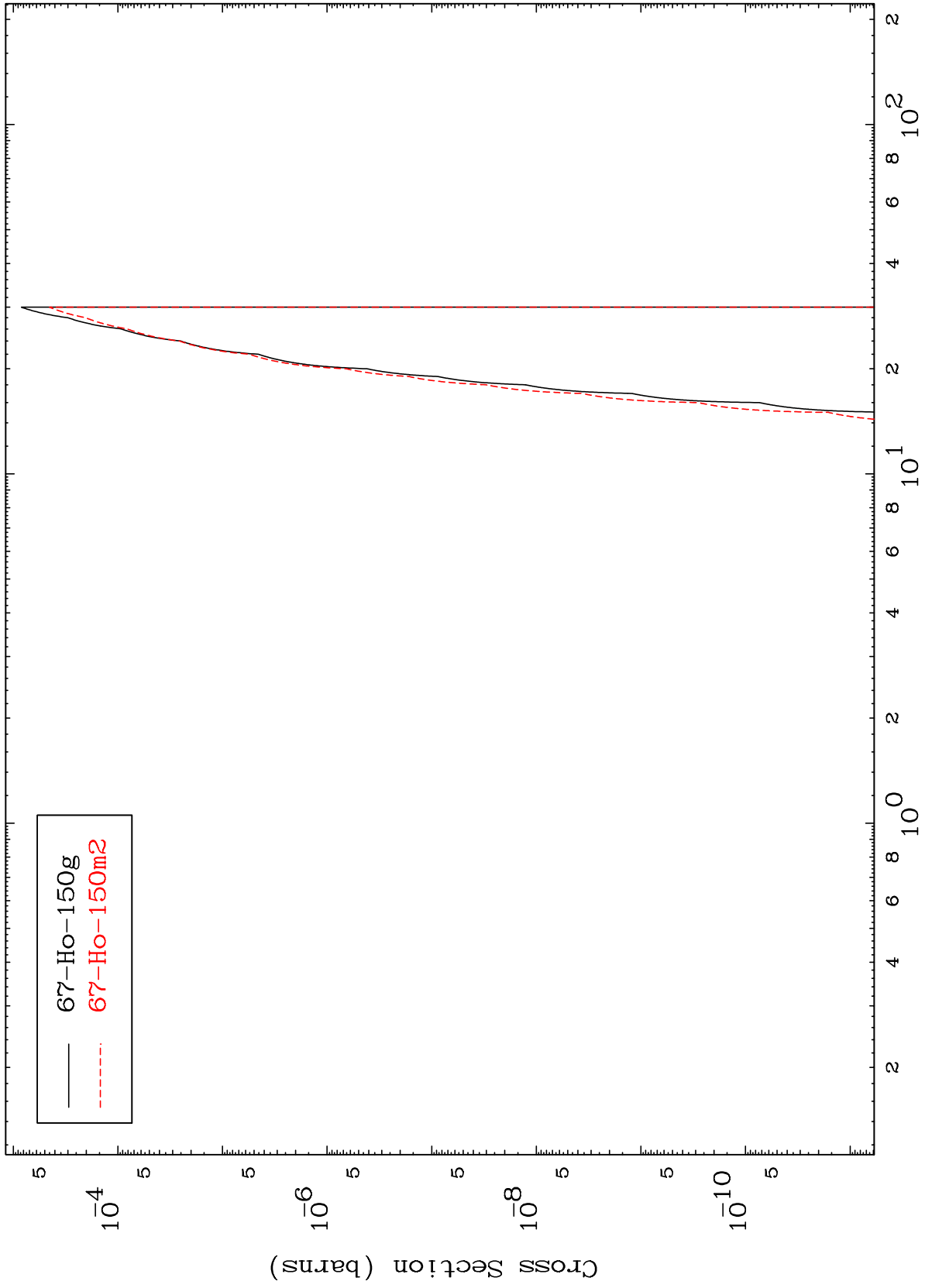
69-Tm-154g  
69-Tm-154m2

MAT 6881

( $\alpha, 2\alpha$ )

69-Tm-154

Radionuclide Production Cross Section

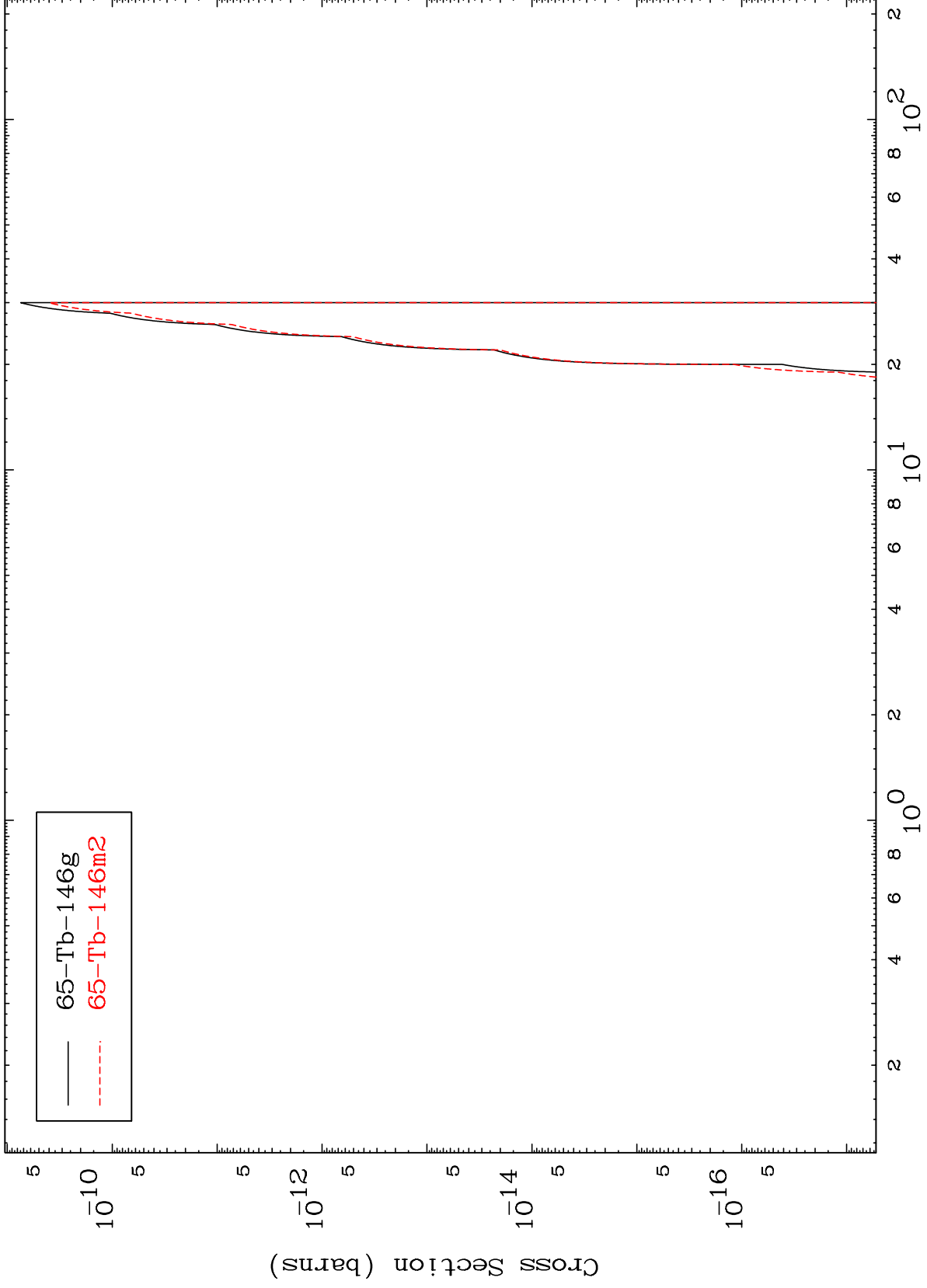


MAT 6881

( $\alpha, 3\alpha$ )

69-Tm-154

Radionuclide Production Cross Section



19

Incident Energy (MeV)

69-Tm-154

Radionuclide Production Cross Section

