

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

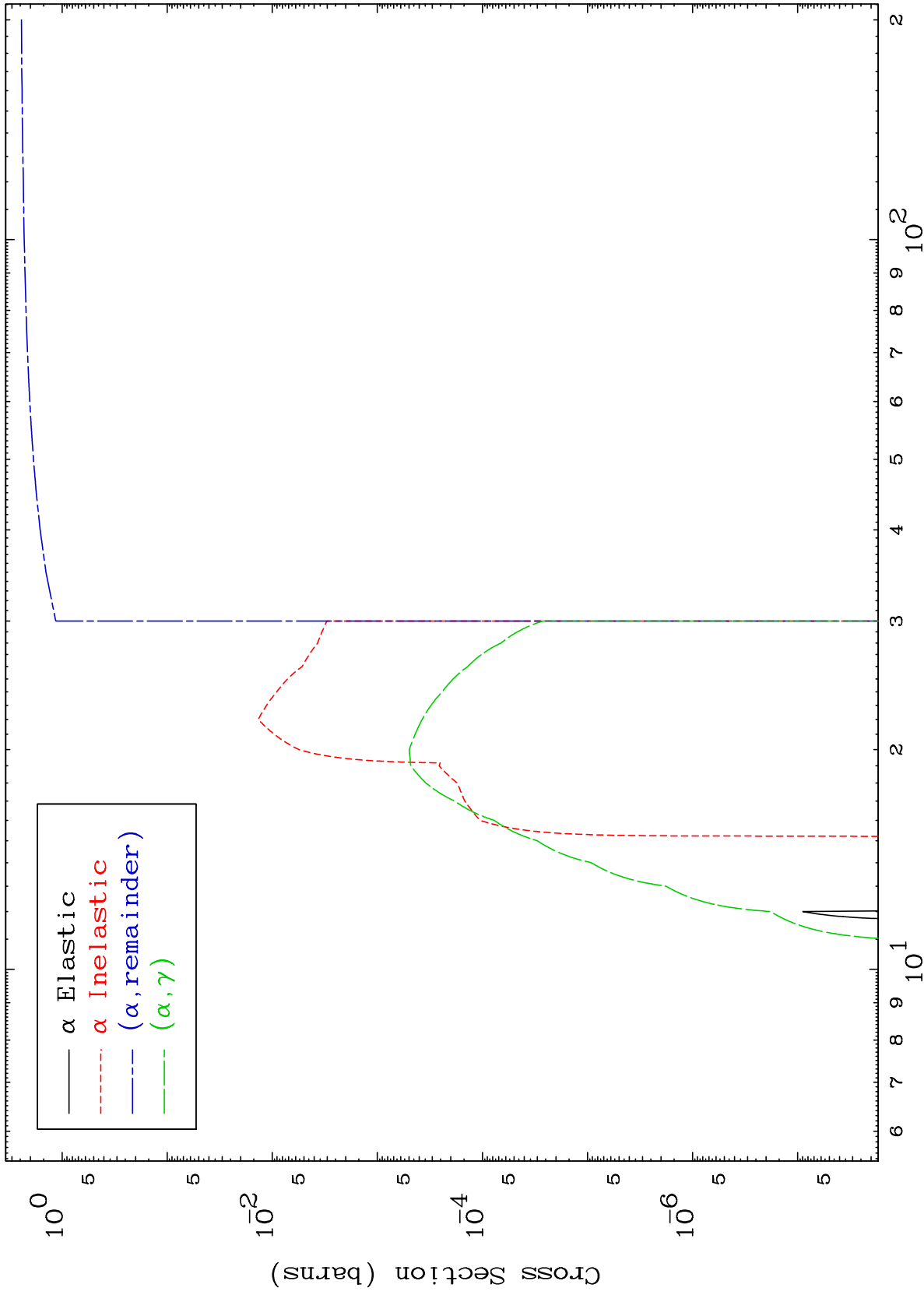
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6874

0 Kelvin  $\alpha$  Major  
 $\alpha$  Cross Sections

69-Tm-152



1

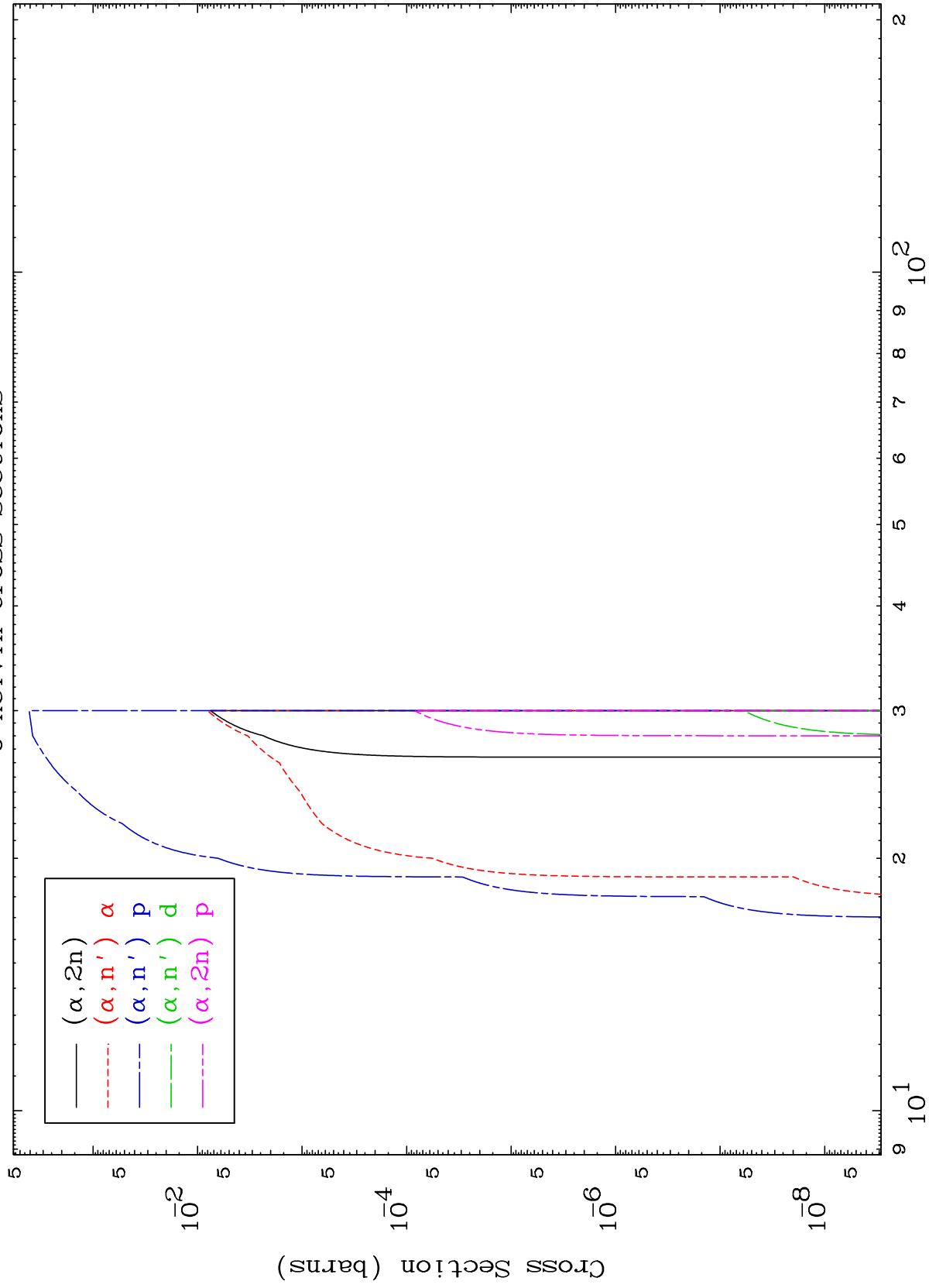
Incident Energy (MeV)

69-Tm-152

MAT 6874

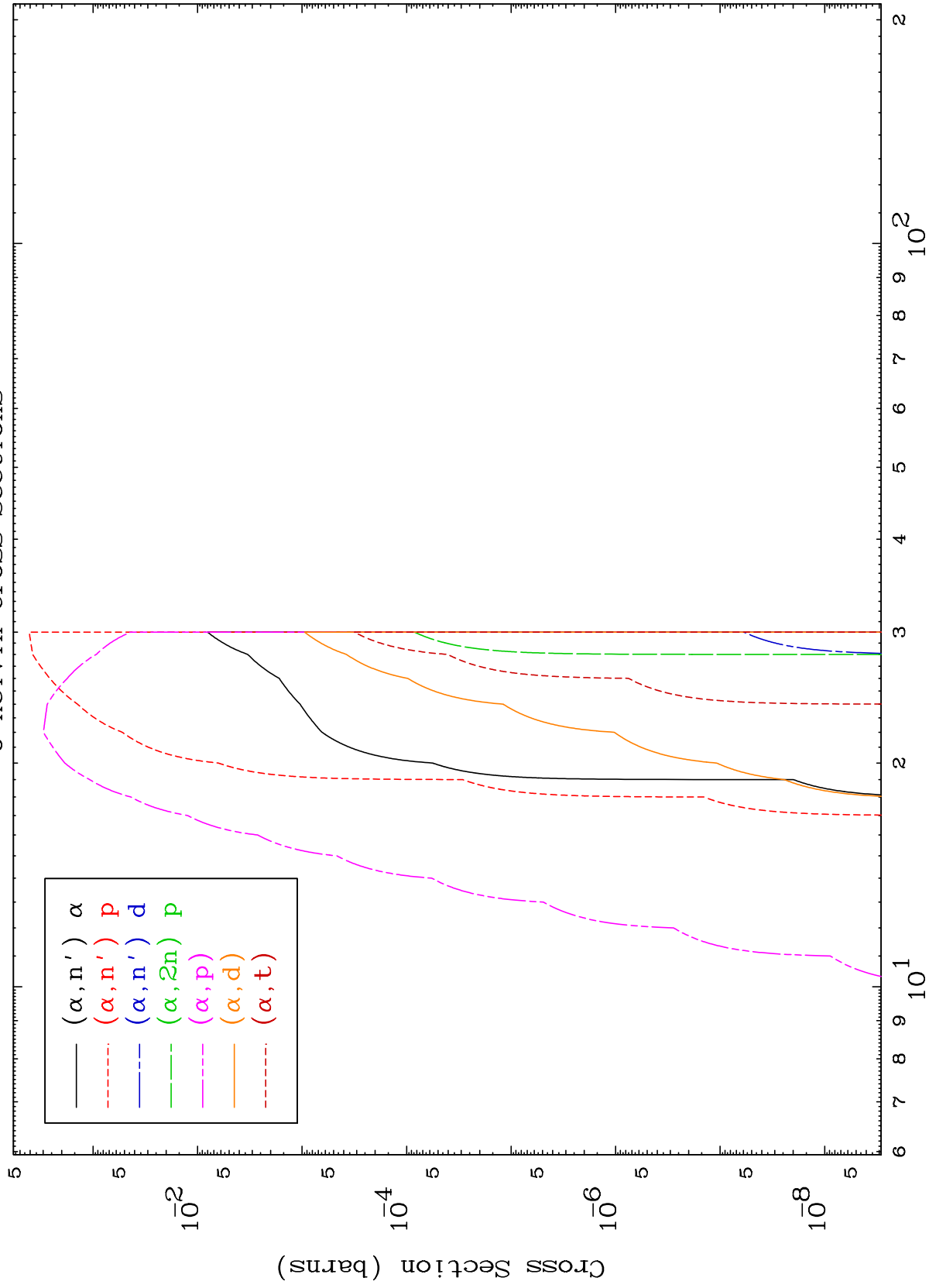
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

69-Tm-152



69-Tm-152

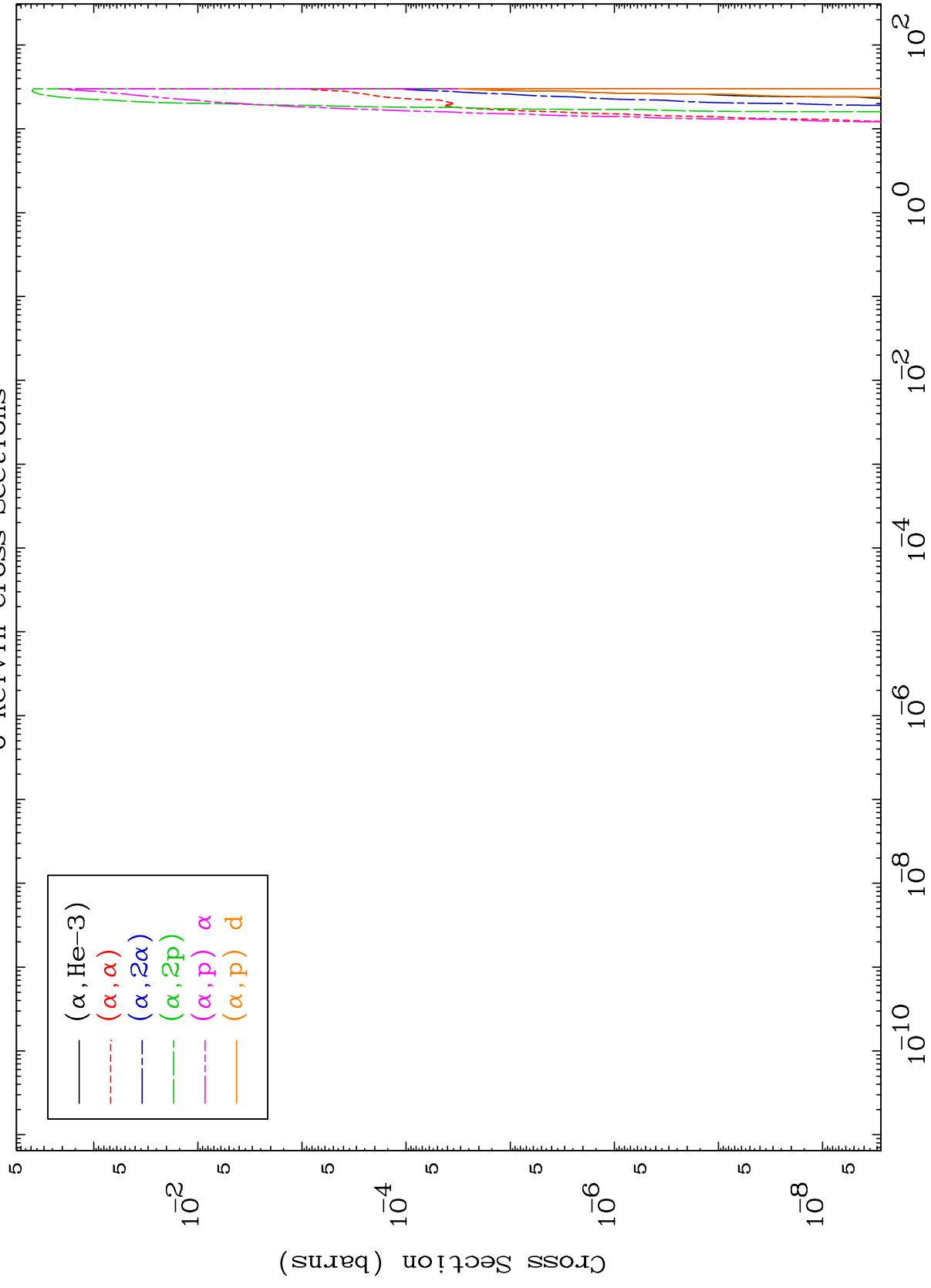
Incident Energy (MeV)



MAT 6874

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

69-Tm-152

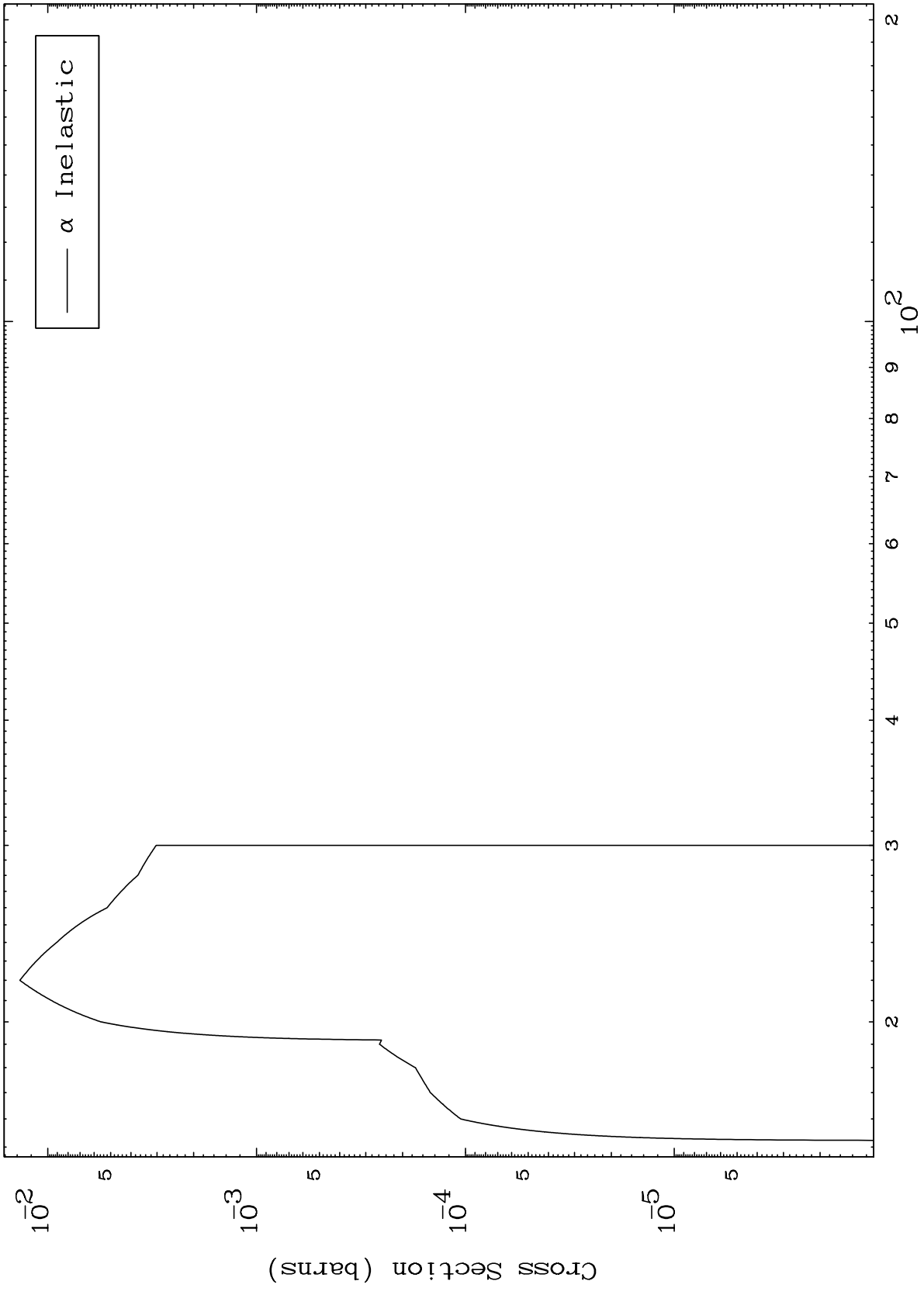


69-Tm-152

MAT 6874

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

69-Tm-152



—  $\alpha$  Inelastic

5

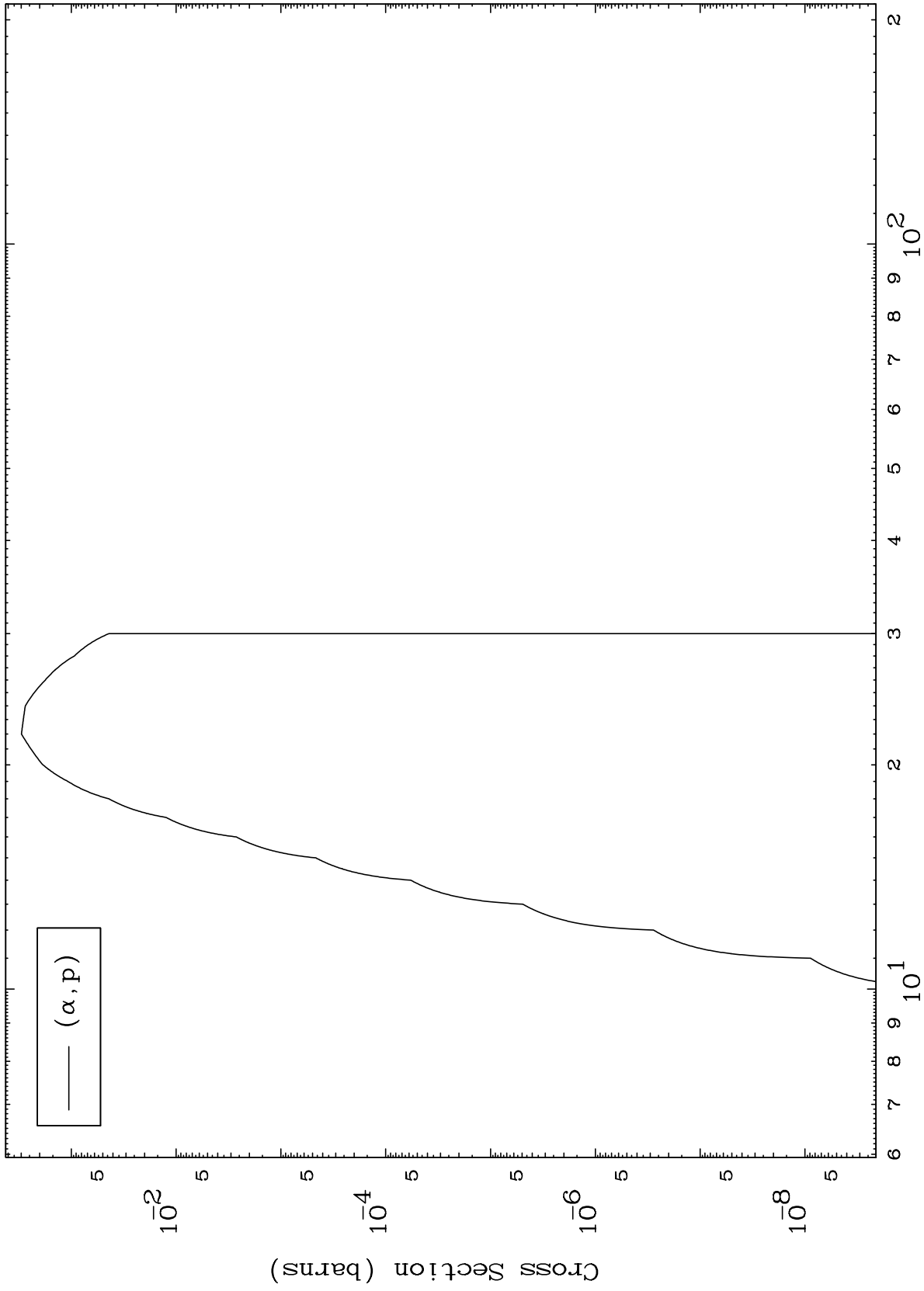
Incident Energy (MeV)

69-Tm-152

MAT 6874

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

69-Tm-152

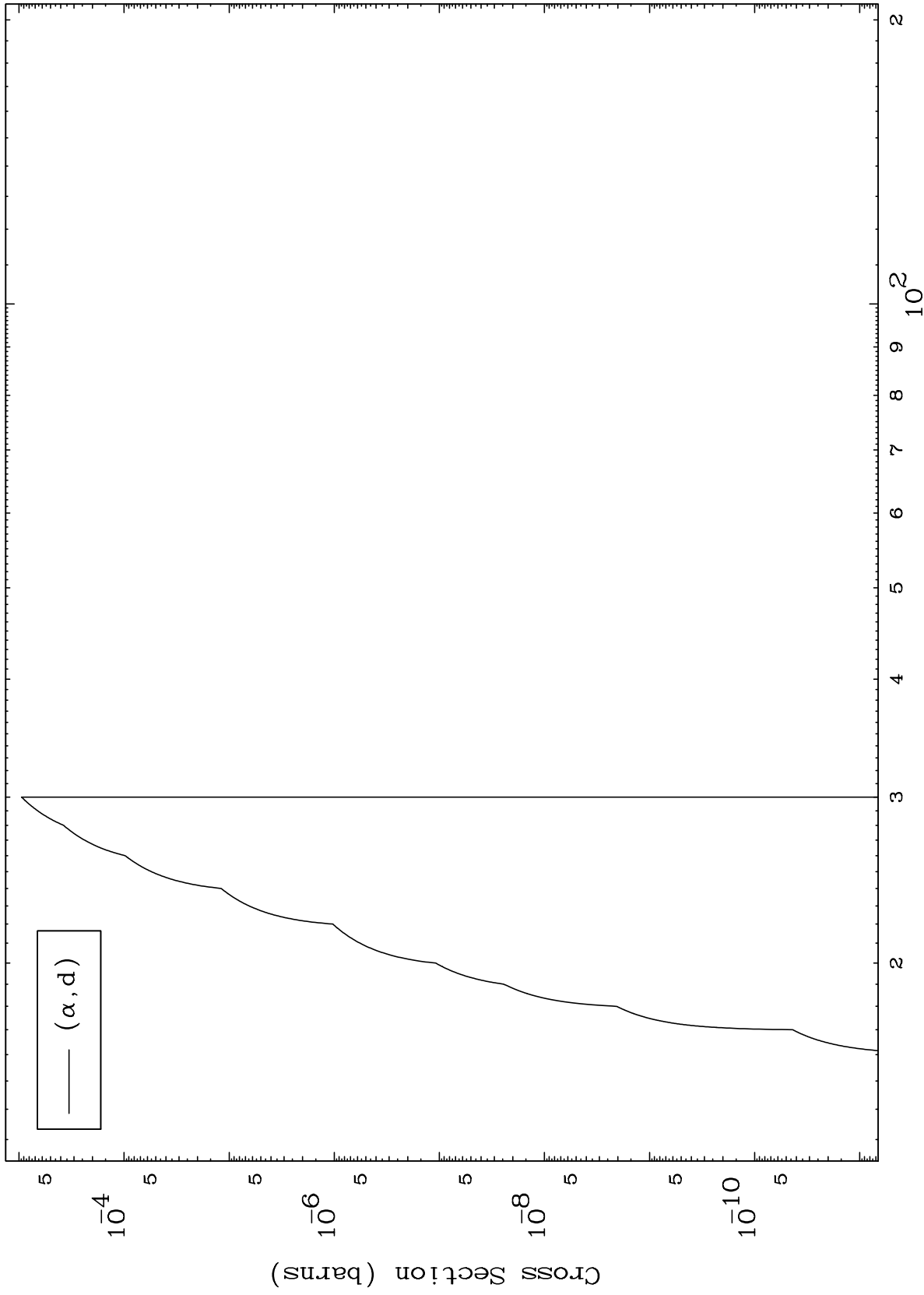


6

MAT 6874

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

69-Tm-152



7

Incident Energy (MeV)

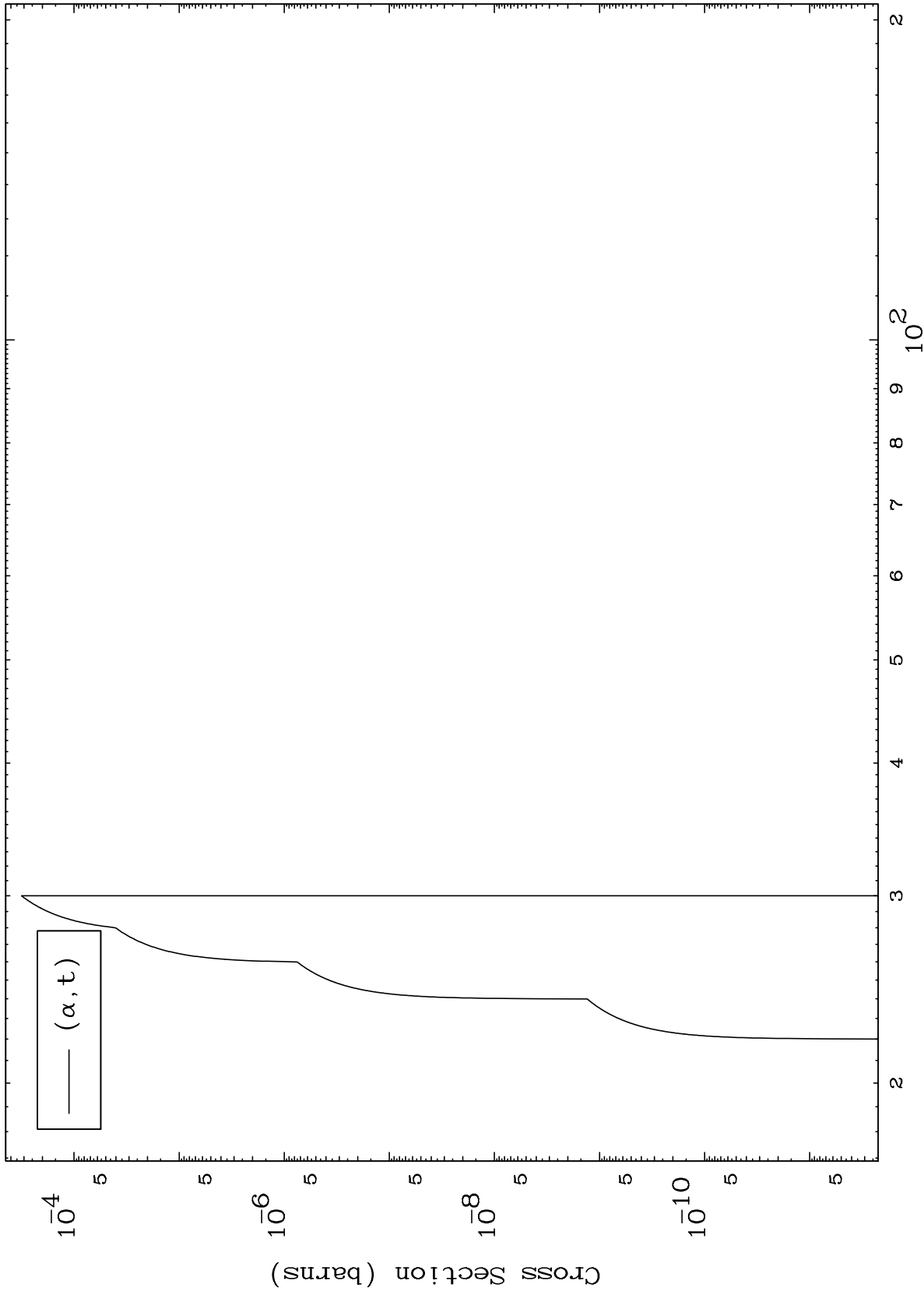
69-Tm-152



MAT 6874

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

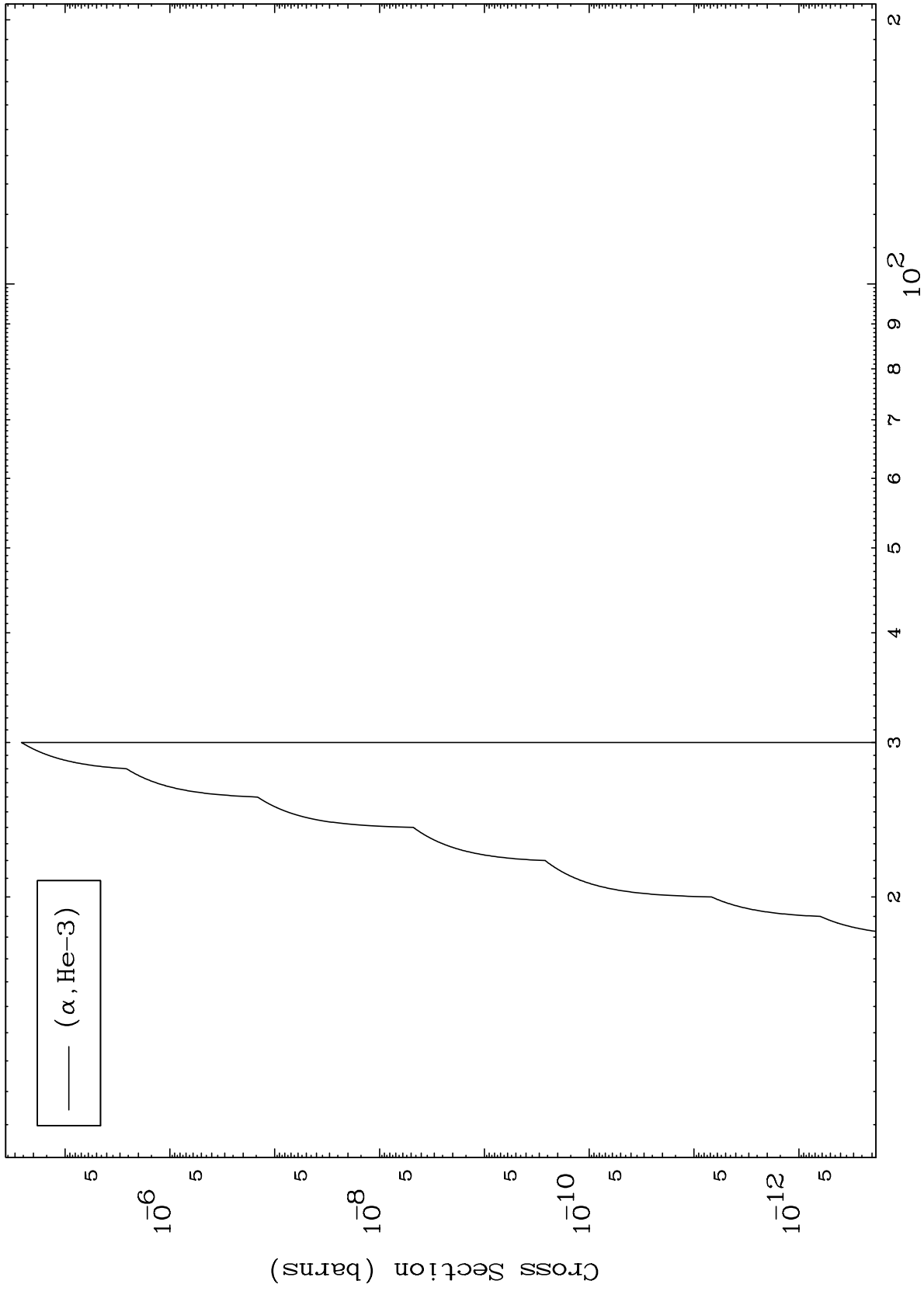
69-Tm-152



8

Incident Energy (MeV)

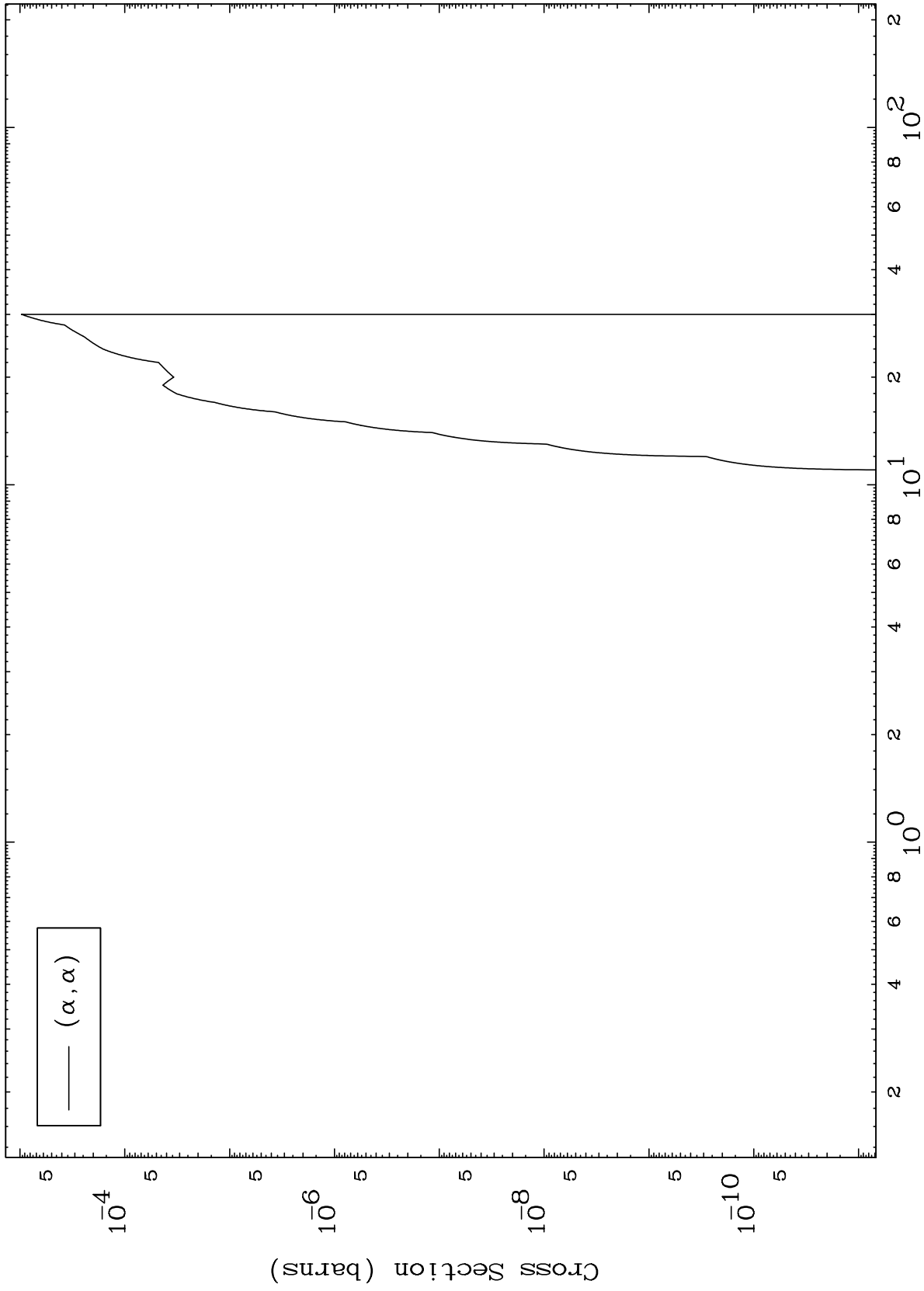
69-Tm-152



MAT 6874

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

69-Tm-152



10

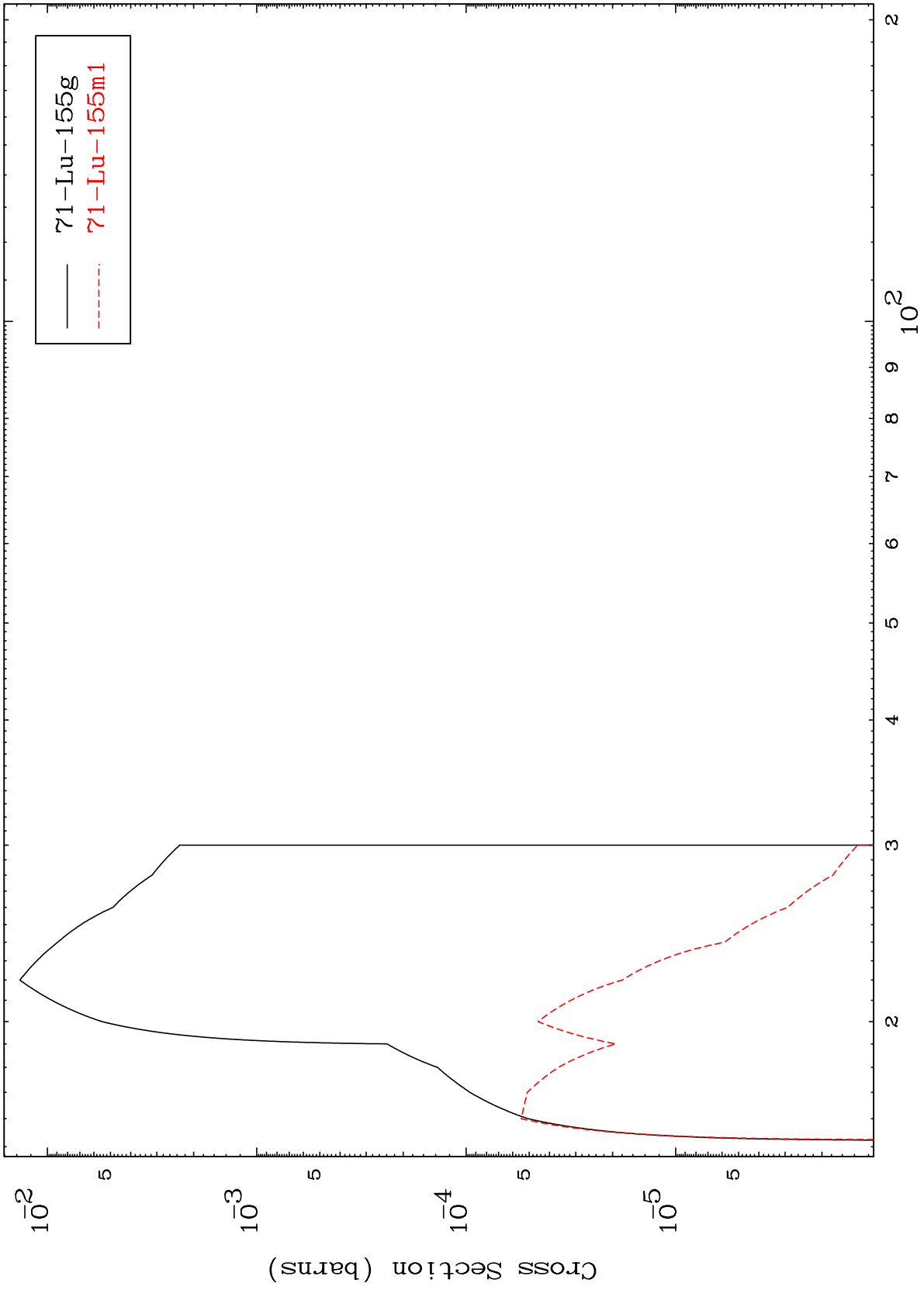
Incident Energy (MeV)

69-Tm-152

MAT 6874

69-Tm-152

$\alpha$  Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

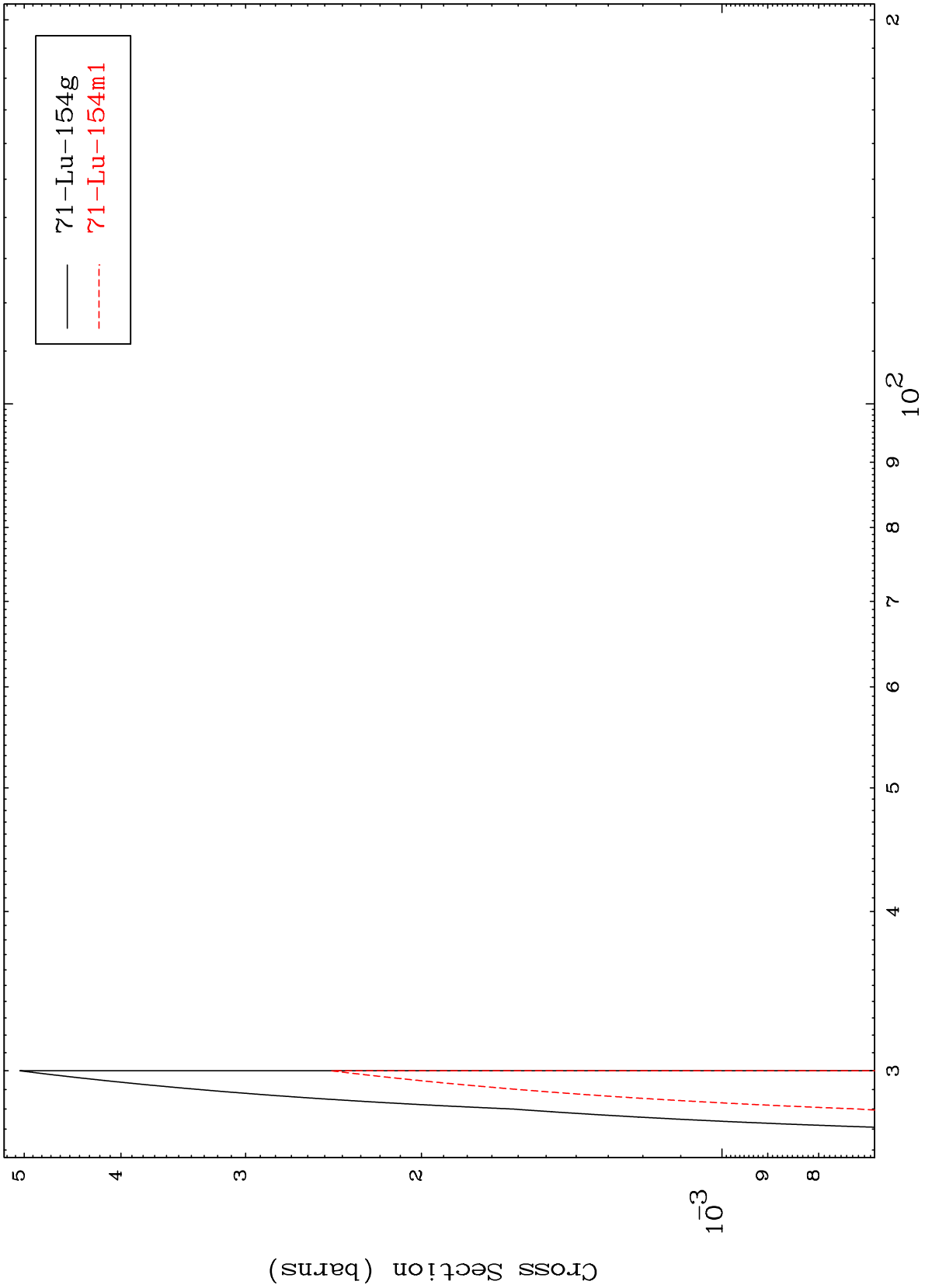
69-Tm-152

MAT 6874

( $\alpha, 2n$ )

69-Tm-152

Radionuclide Production Cross Section



12

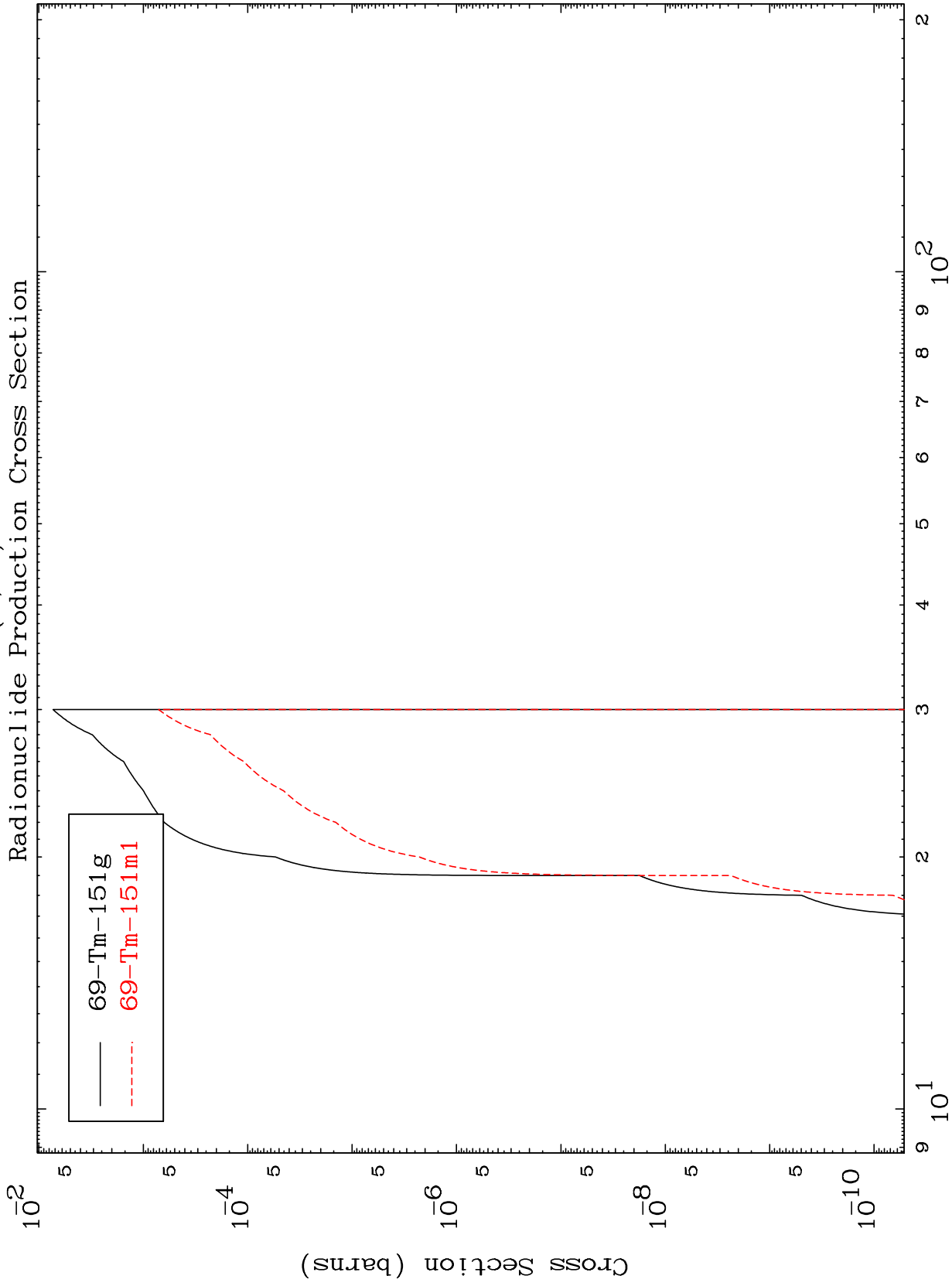
Incident Energy (MeV)

69-Tm-152

MAT 6874

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

69-Tm-152



13

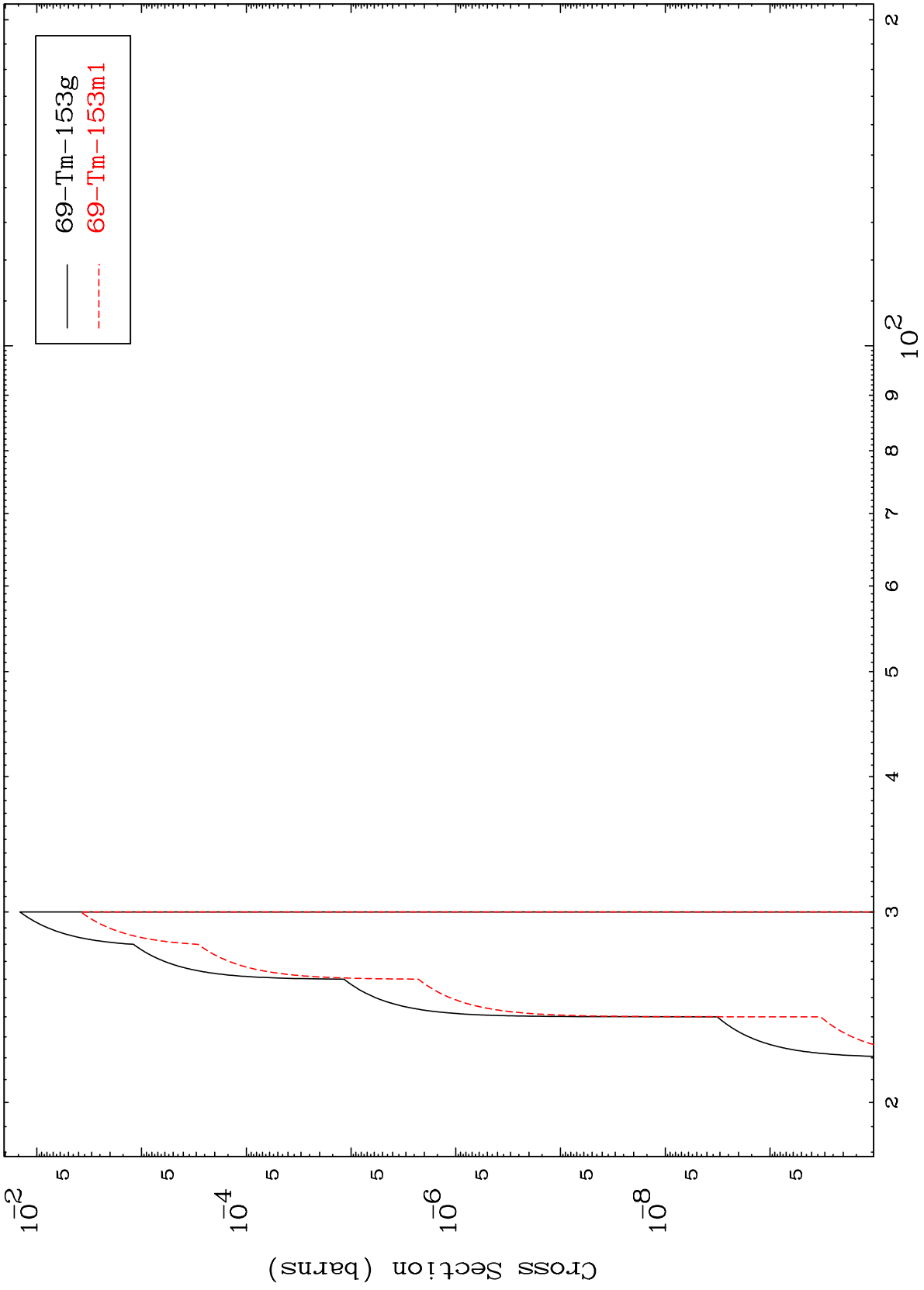
69-Tm-152

MAT 6874

( $\alpha, 2n$ ) p

69-Tm-152

Radionuclide Production Cross Section



14

Incident Energy (MeV)

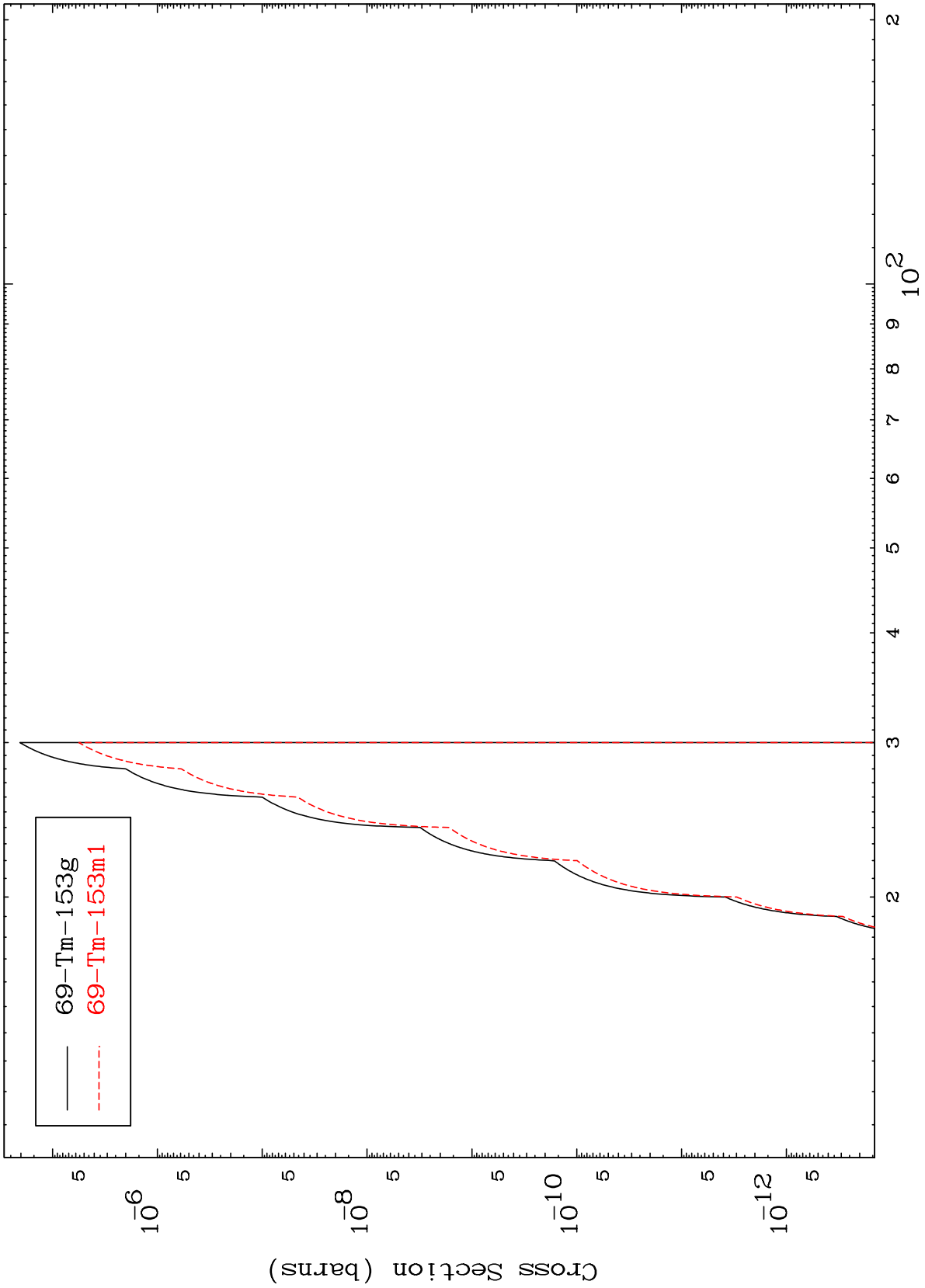
69-Tm-152

MAT 6874

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

69-Tm-152

Radionuclide Production Cross Section



15

Incident Energy (MeV)

69-Tm-152

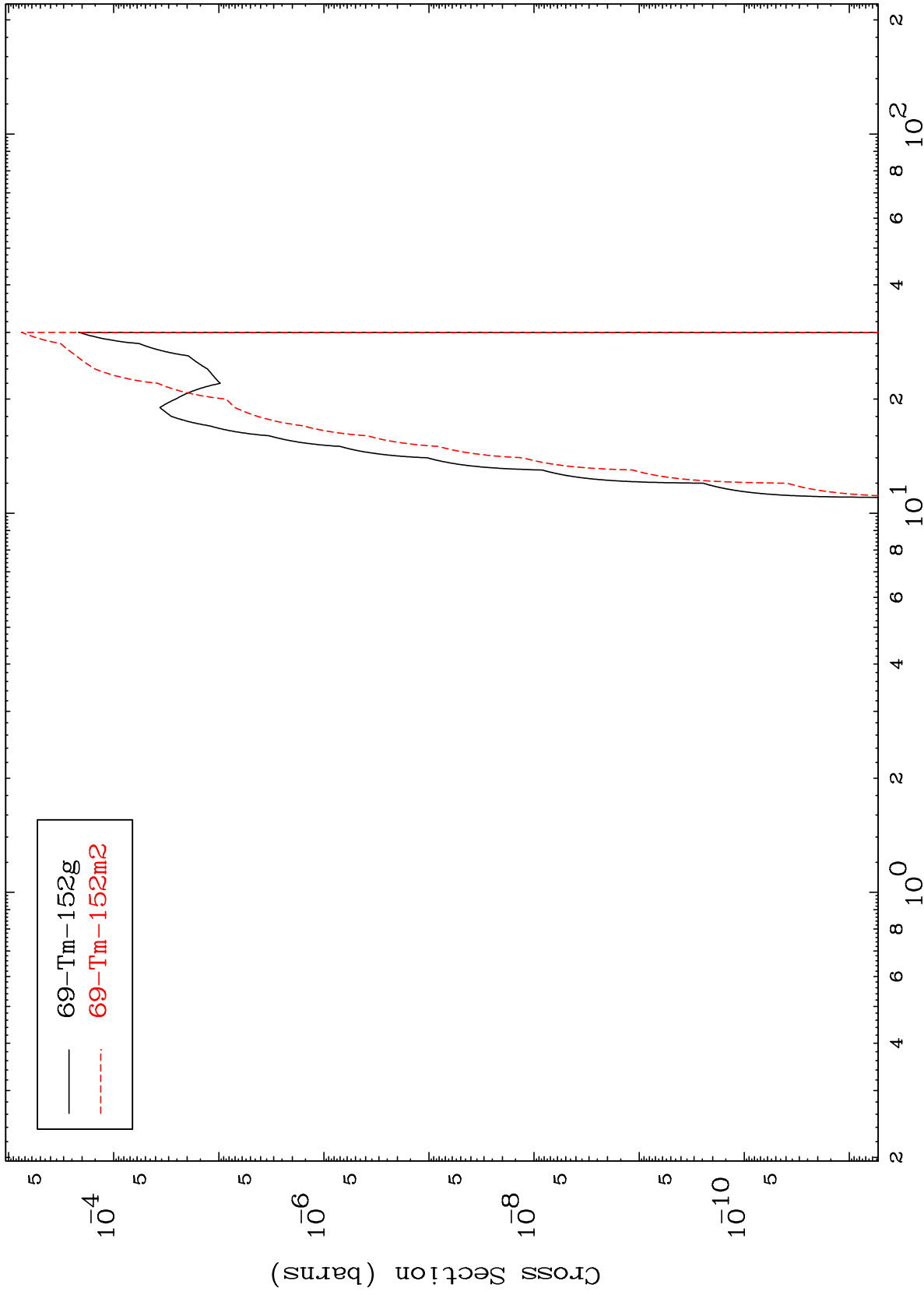


MAT 6874

( $\alpha, \alpha$ )

69-Tm-152

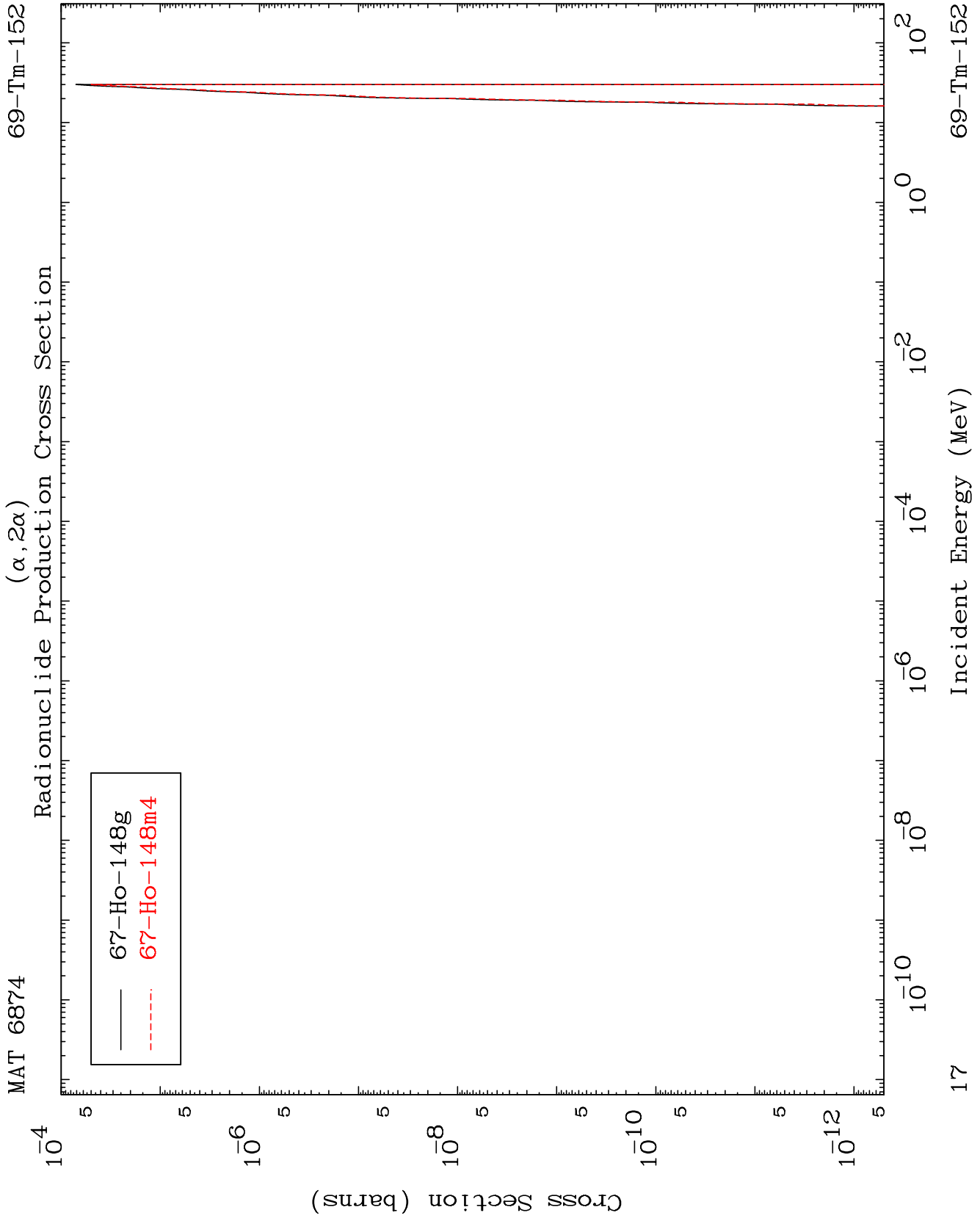
Radionuclide Production Cross Section



16

Incident Energy (MeV)

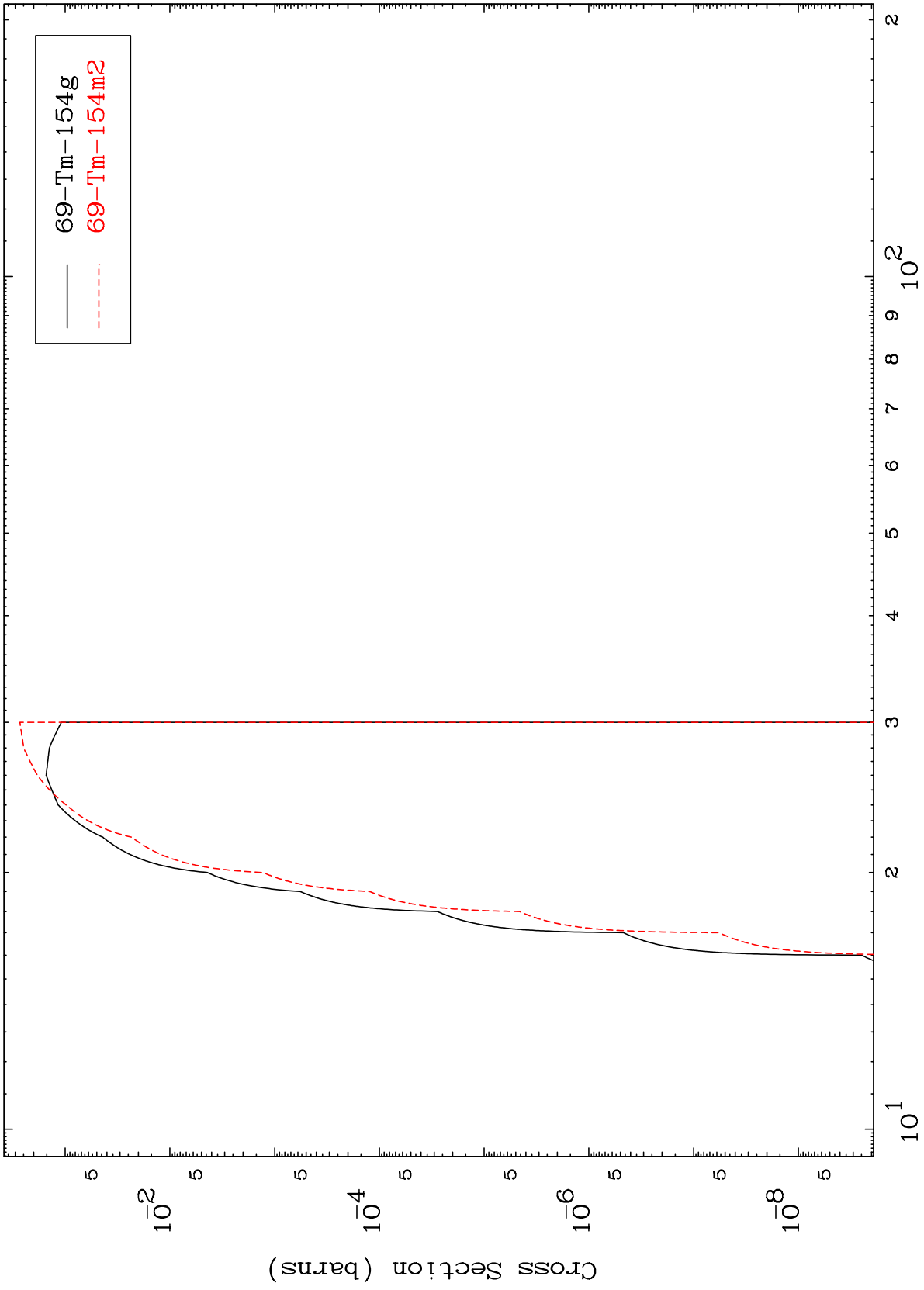
69-Tm-152



MAT 6874

69-Tm-152

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



69-Tm-152

Incident Energy (MeV)

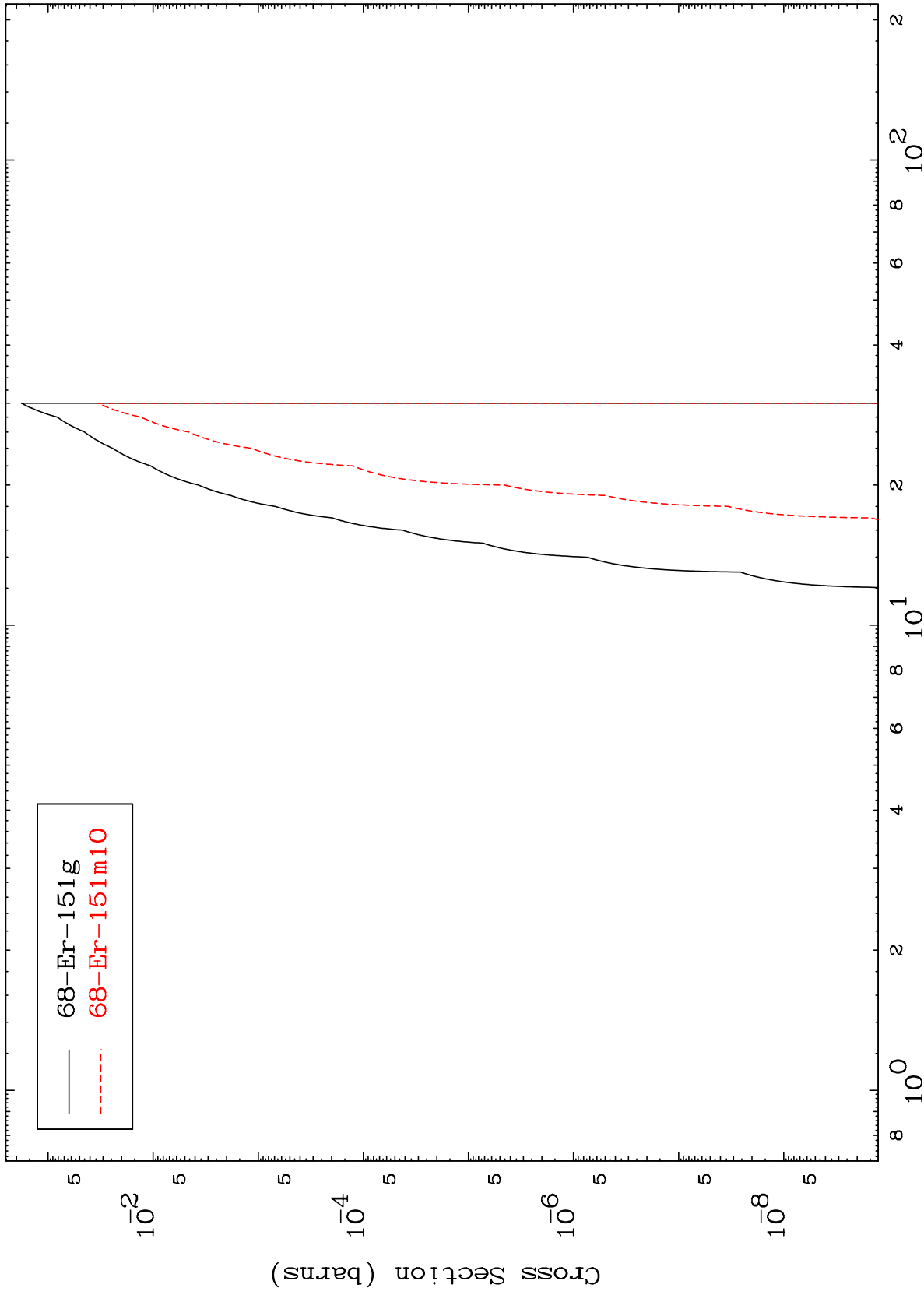
18

MAT 6874

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

69-Tm-152

Radionuclide Production Cross Section



19

Incident Energy (MeV)

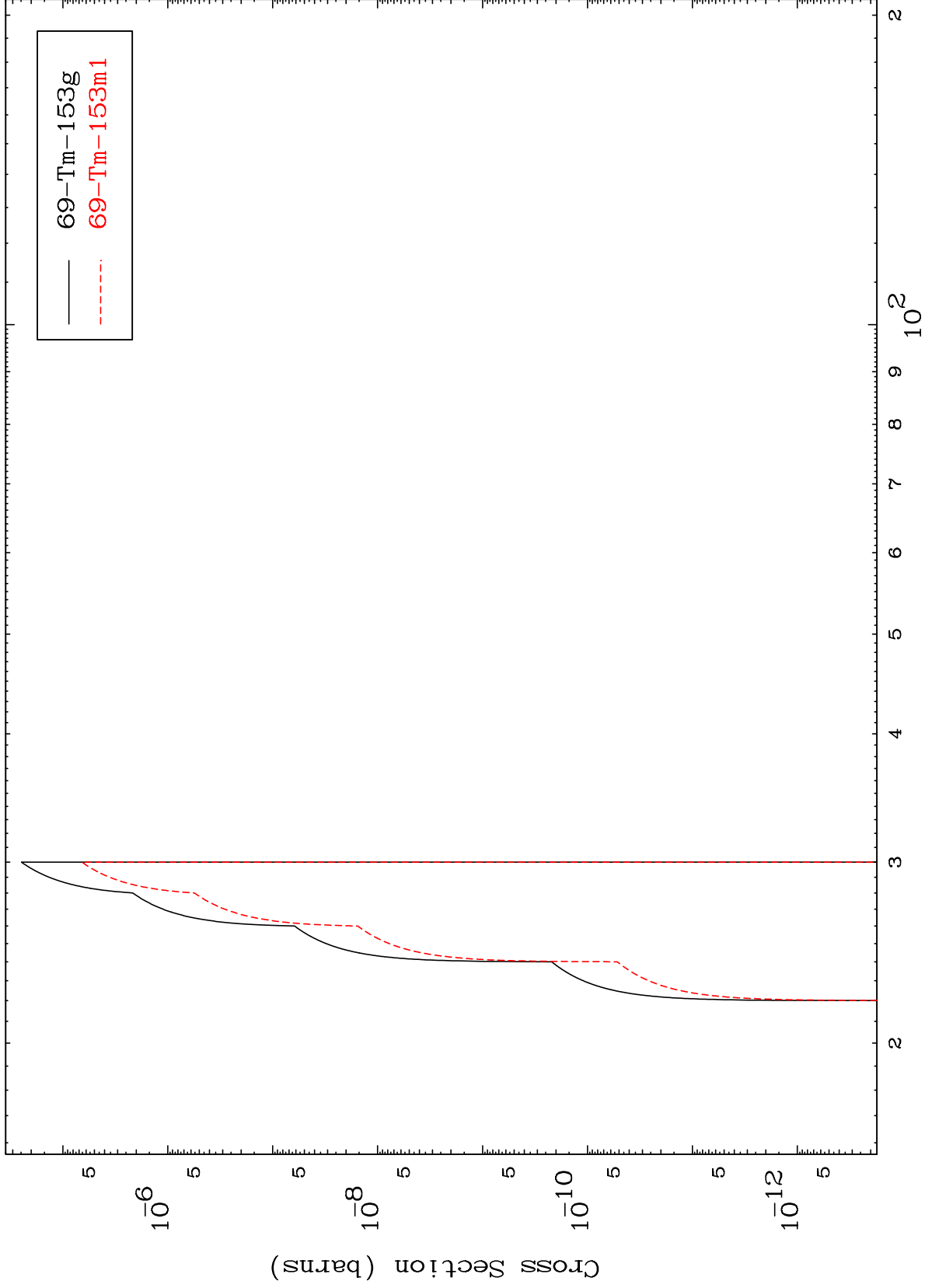
69-Tm-152

MAT 6874

( $\alpha, p$ ) d

69-Tm-152

Radionuclide Production Cross Section



20

Incident Energy (MeV)

69-Tm-152