

Program EVALPLOT  
(Version 2021-1)

by

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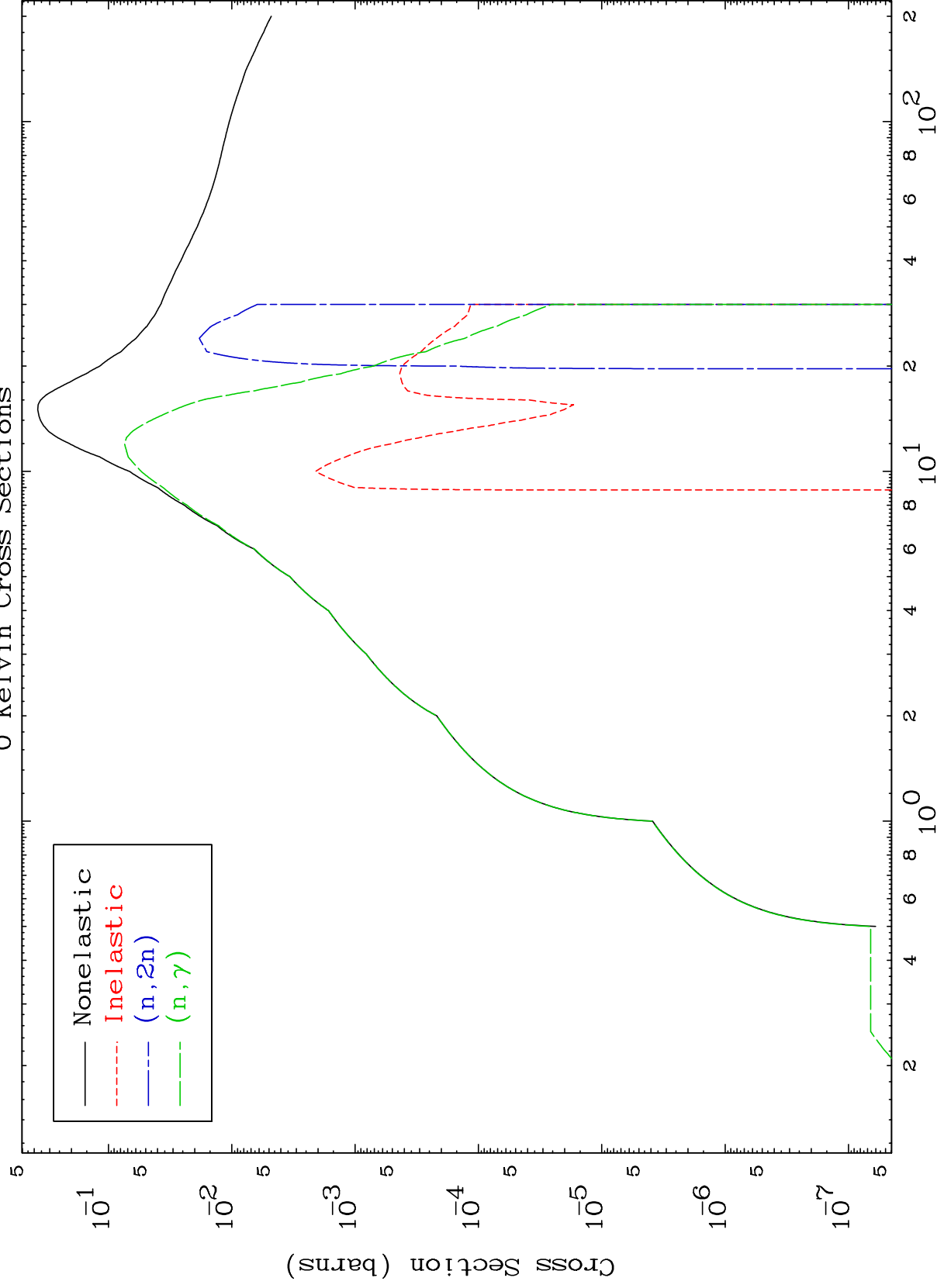
Press Mouse Button to Start

MAT 7074

Photon Major

71-Lu-158

0 Kelvin Cross Sections

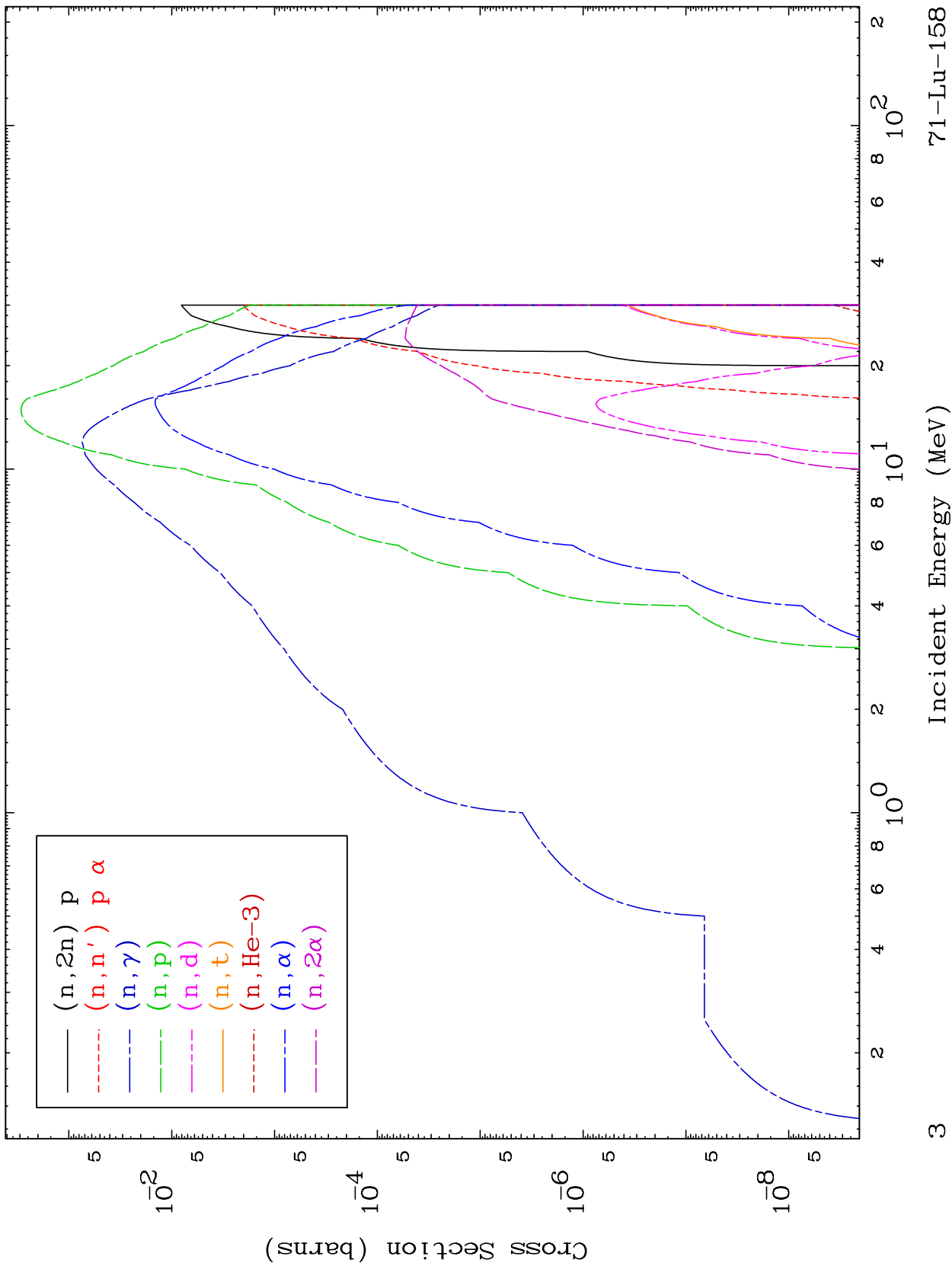


1

Incident Energy (MeV)

71-Lu-158

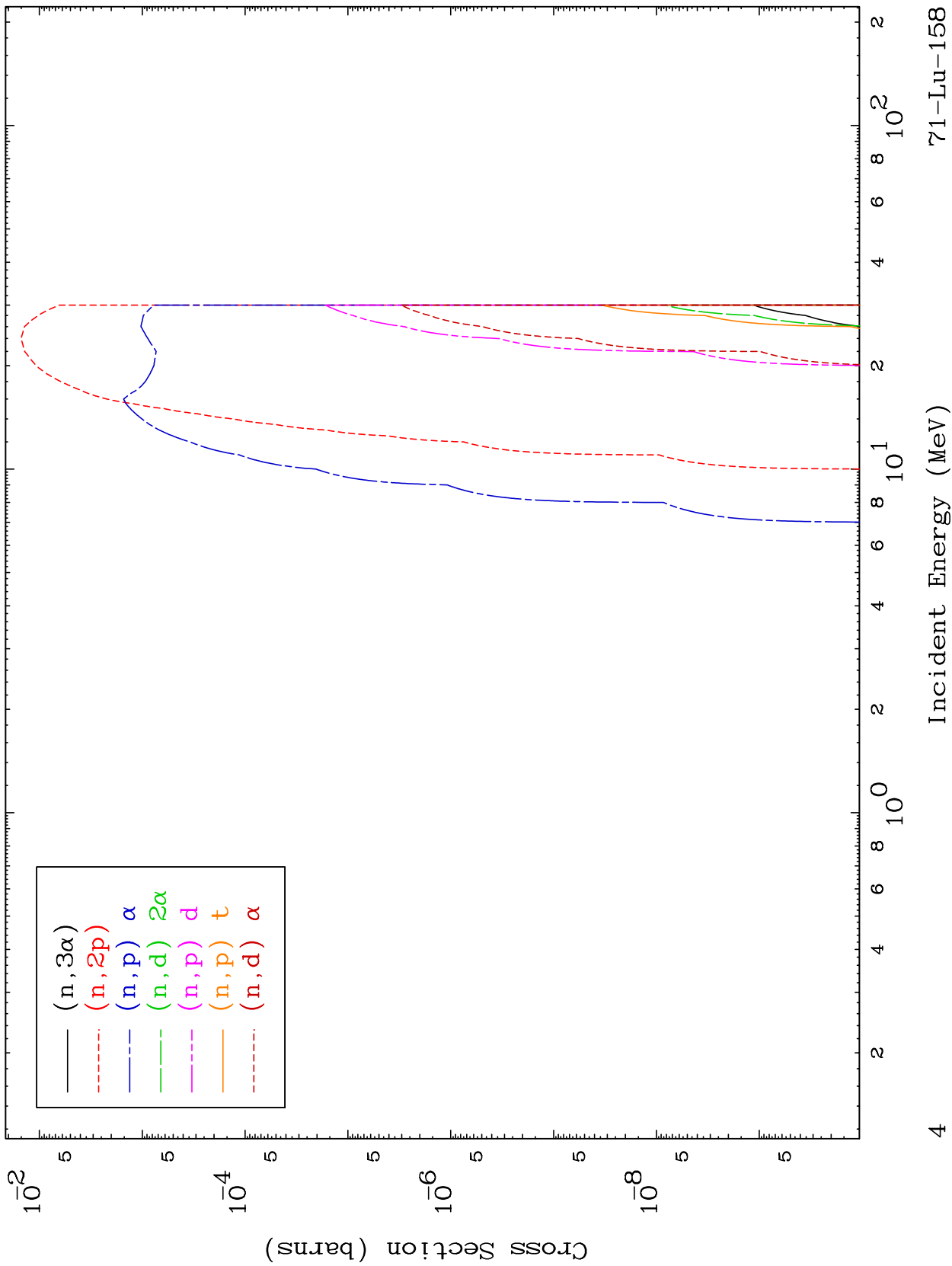


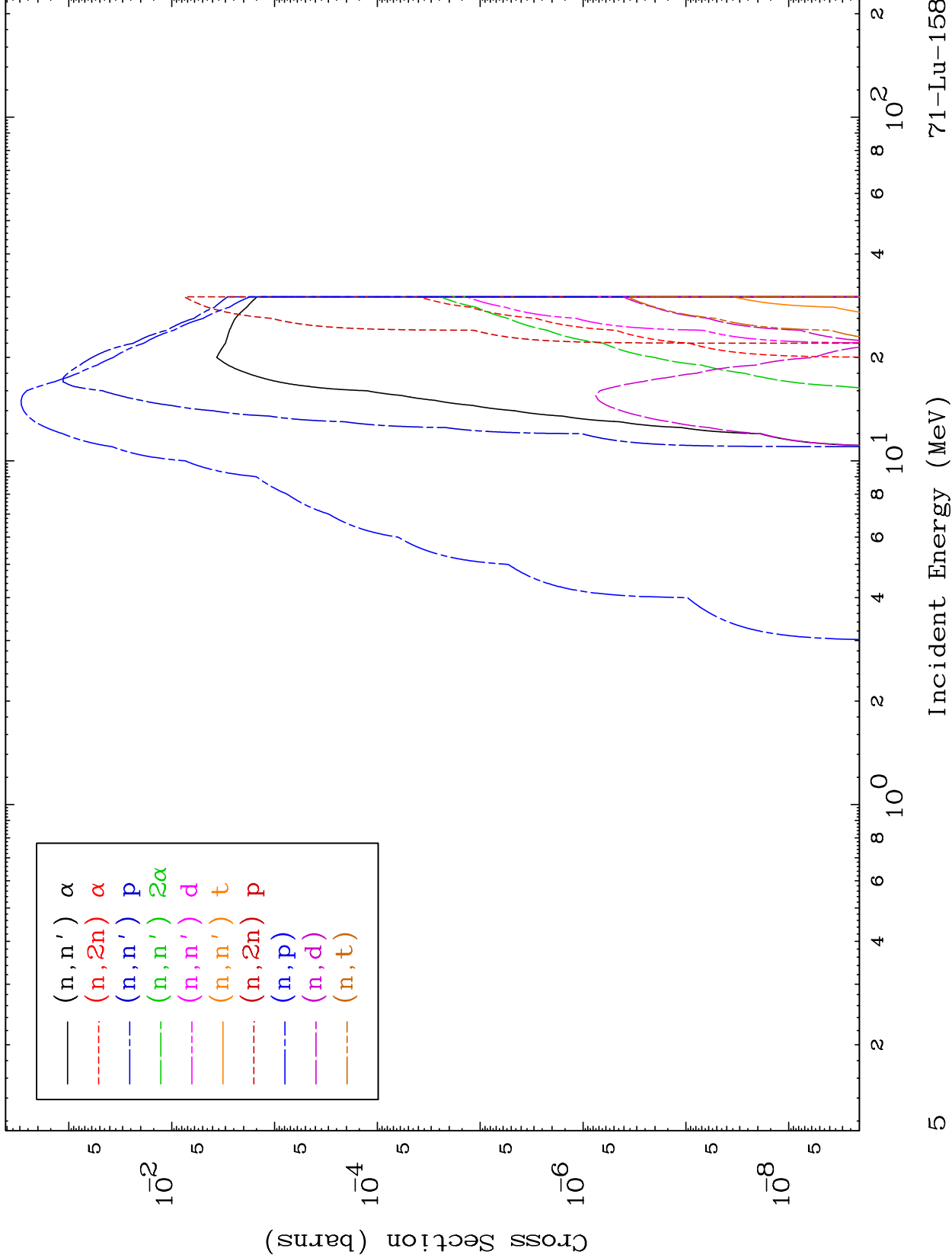


MAT 7074

Photon Neutron Absorption  
0 Kelvin Cross Sections

71-Lu-158

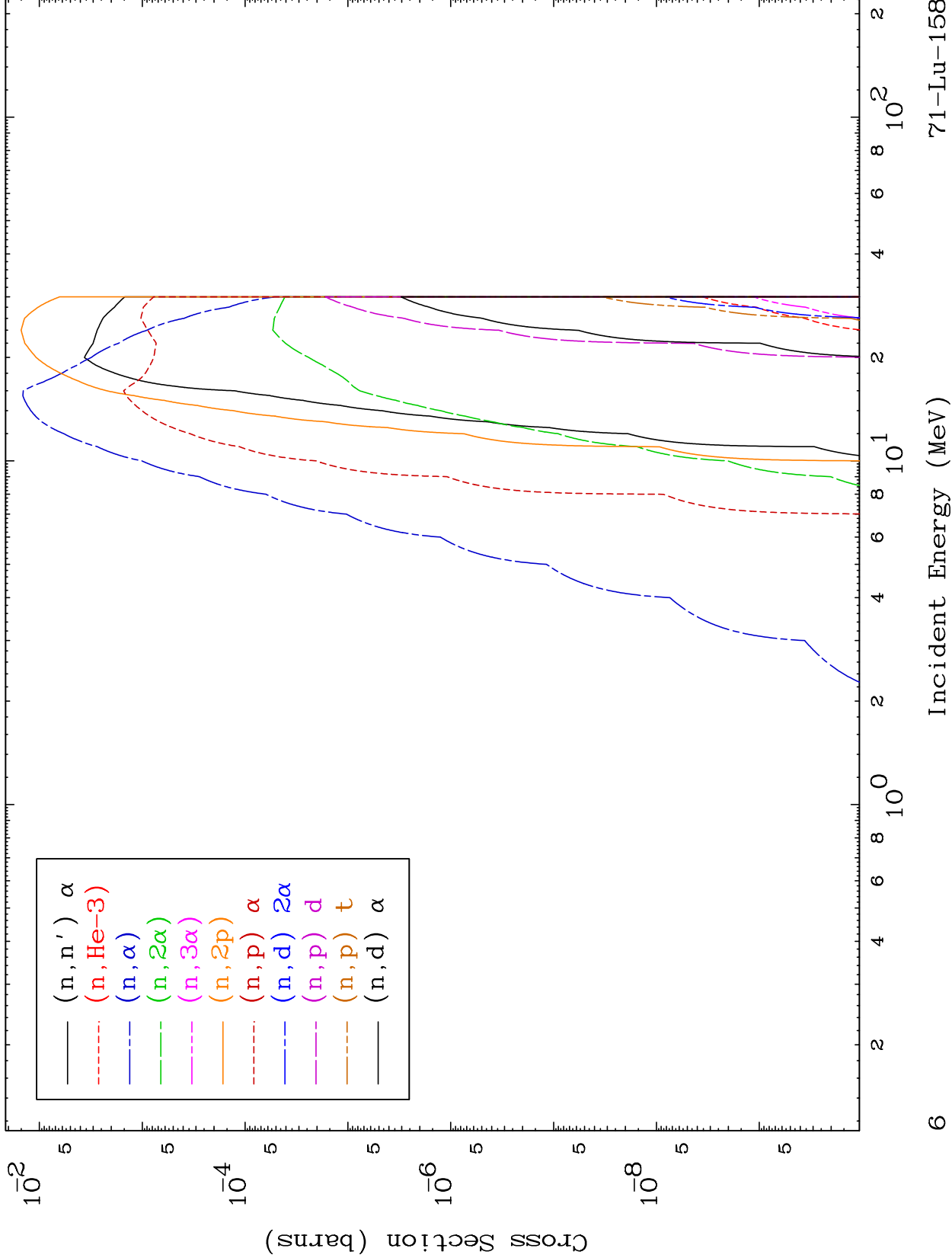




MAT 7074

Photon Charged Particle  
0 Kelvin Cross Sections

71-Lu-158

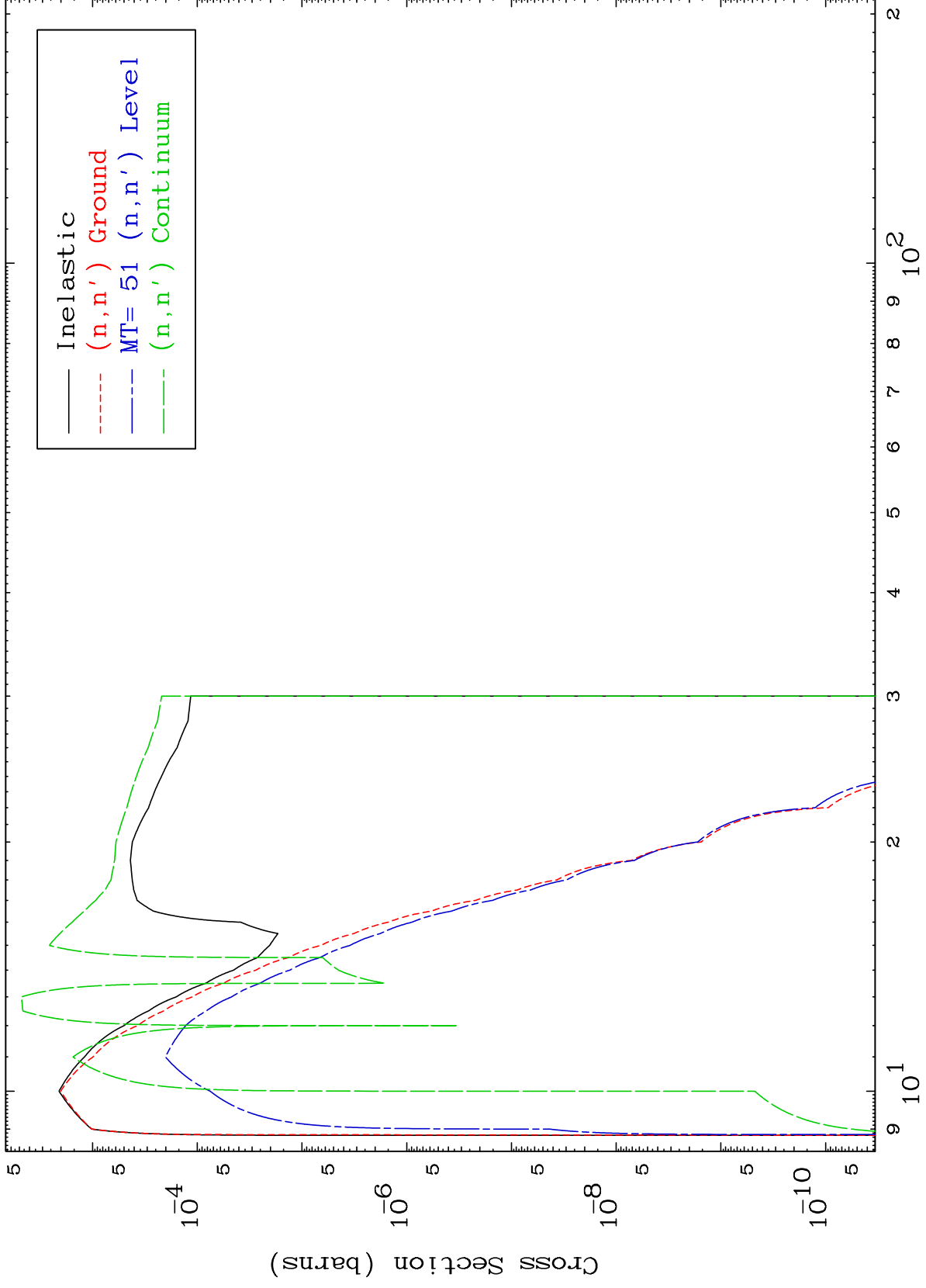


MAT 7074

( $\gamma, n'$ ) Levels

71-Lu-158

0 Kelvin Cross Sections



Incident Energy (MeV)

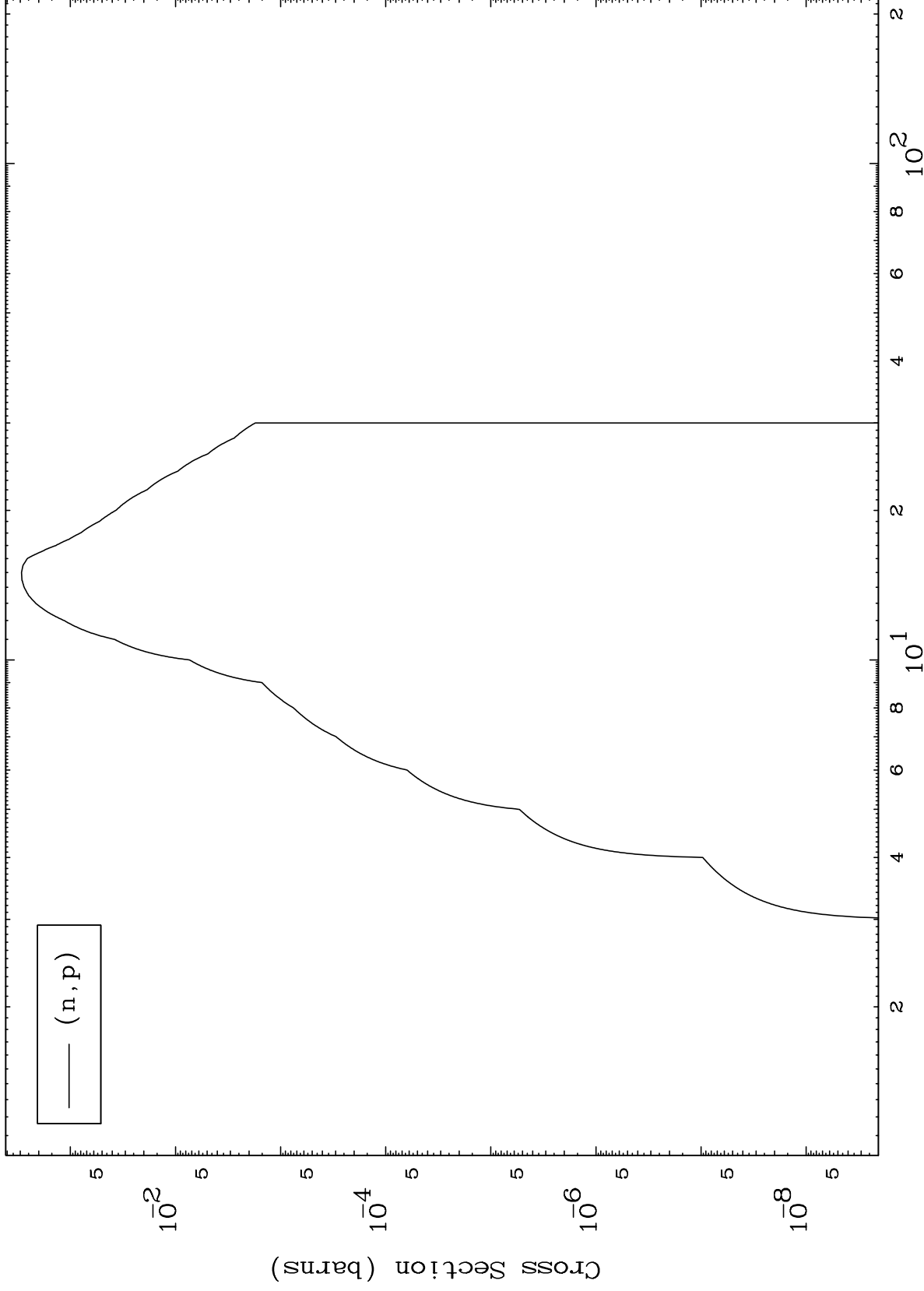
71-Lu-158

7

MAT 7074

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

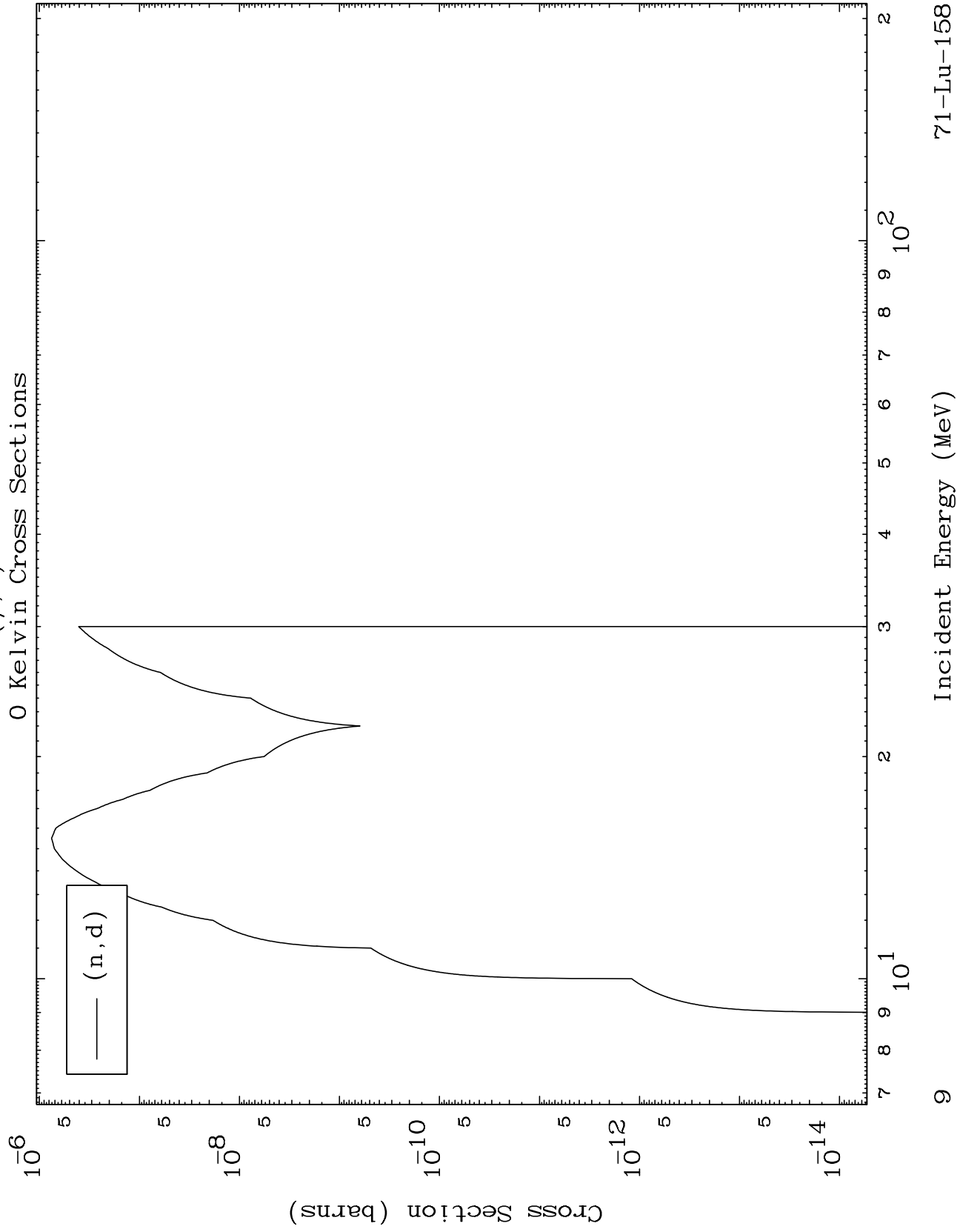
71-Lu-158



MAT 7074

( $\gamma, d$ ) Levels

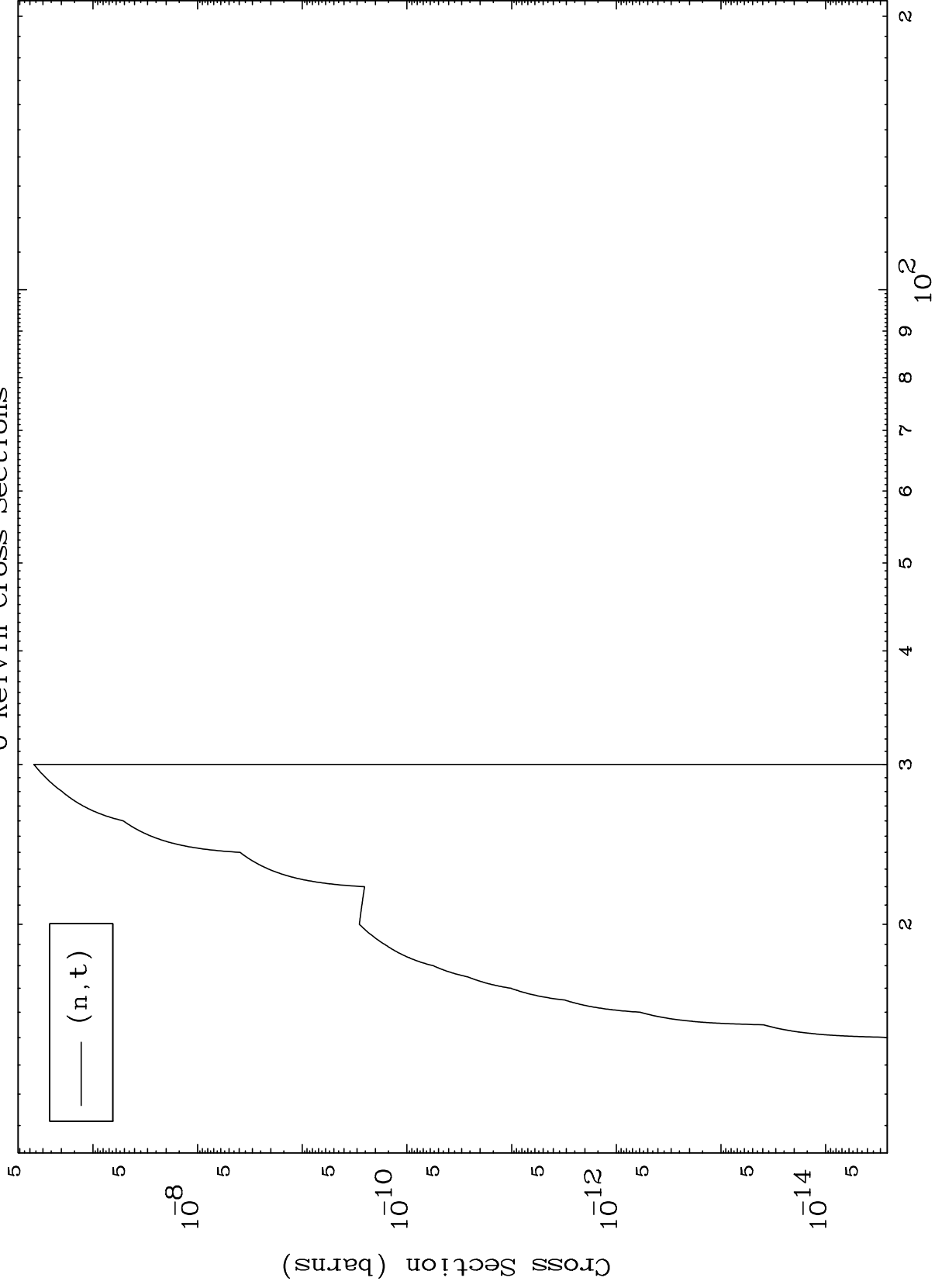
$^{71}\text{Lu-158}$



MAT 7074

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

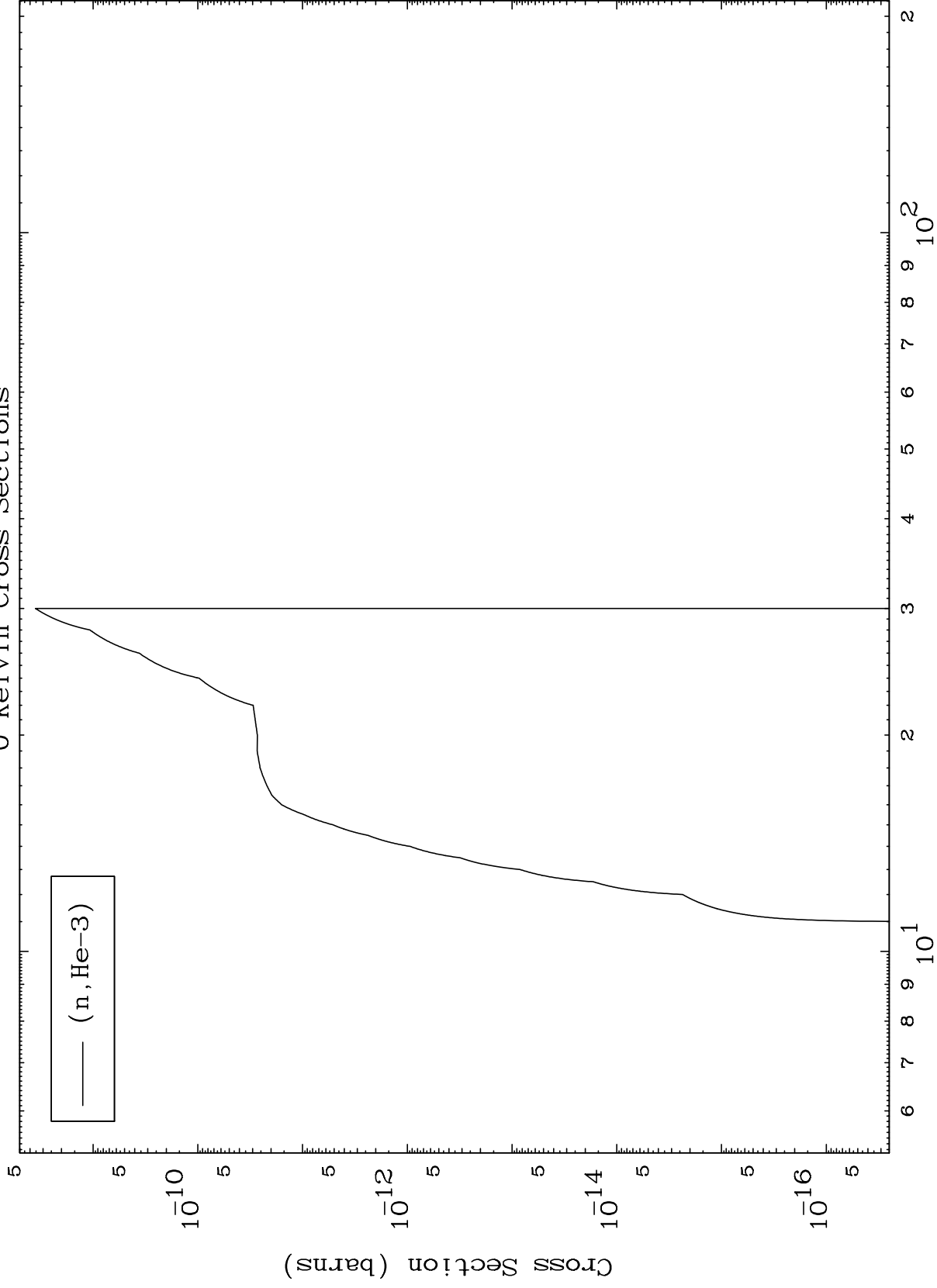
71-Lu-158



10

Incident Energy (MeV)

71-Lu-158

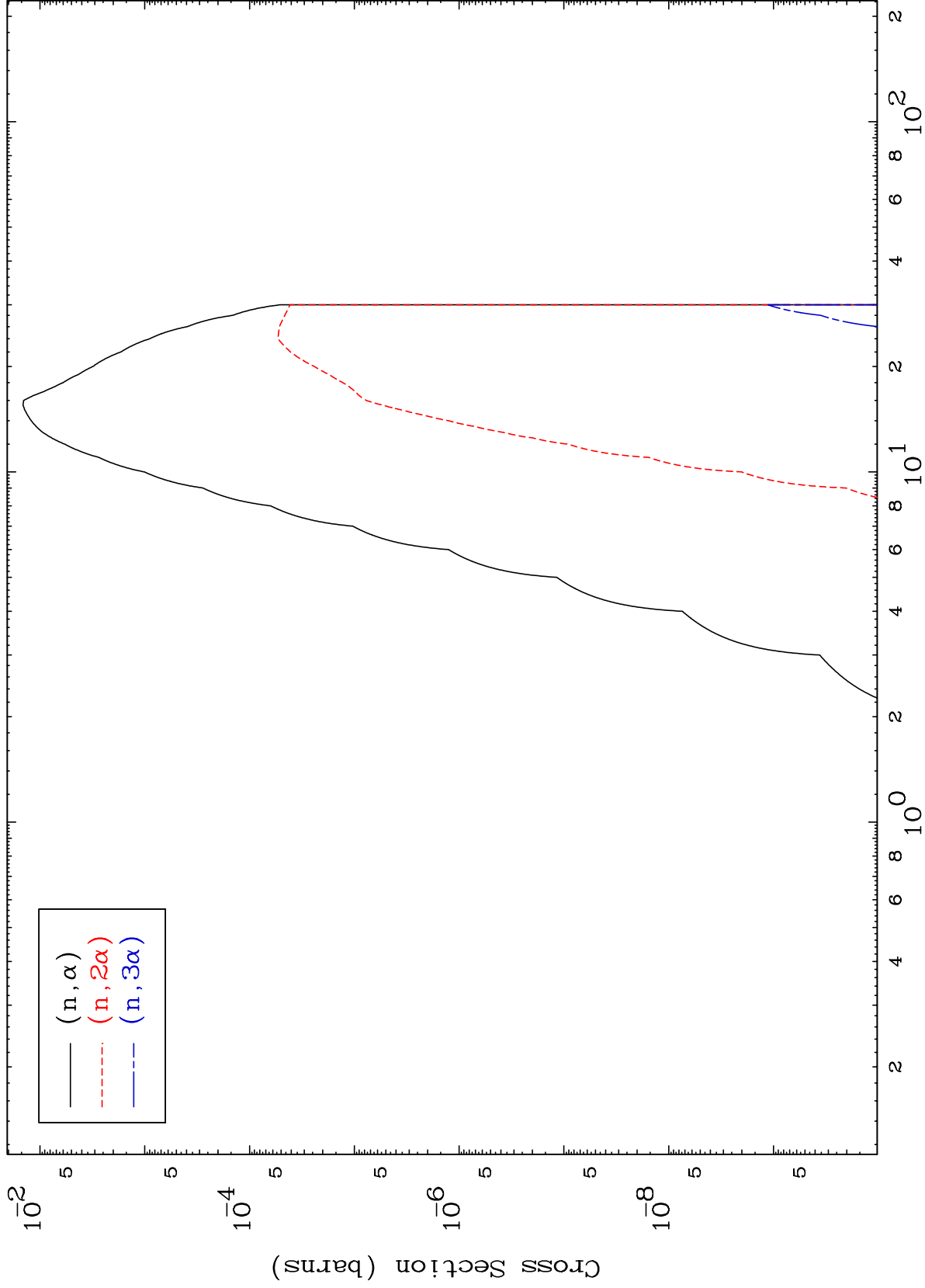


MAT 7074

( $\gamma, \alpha$ ) Levels

<sup>71</sup>Lu-158

0 Kelvin Cross Sections



12

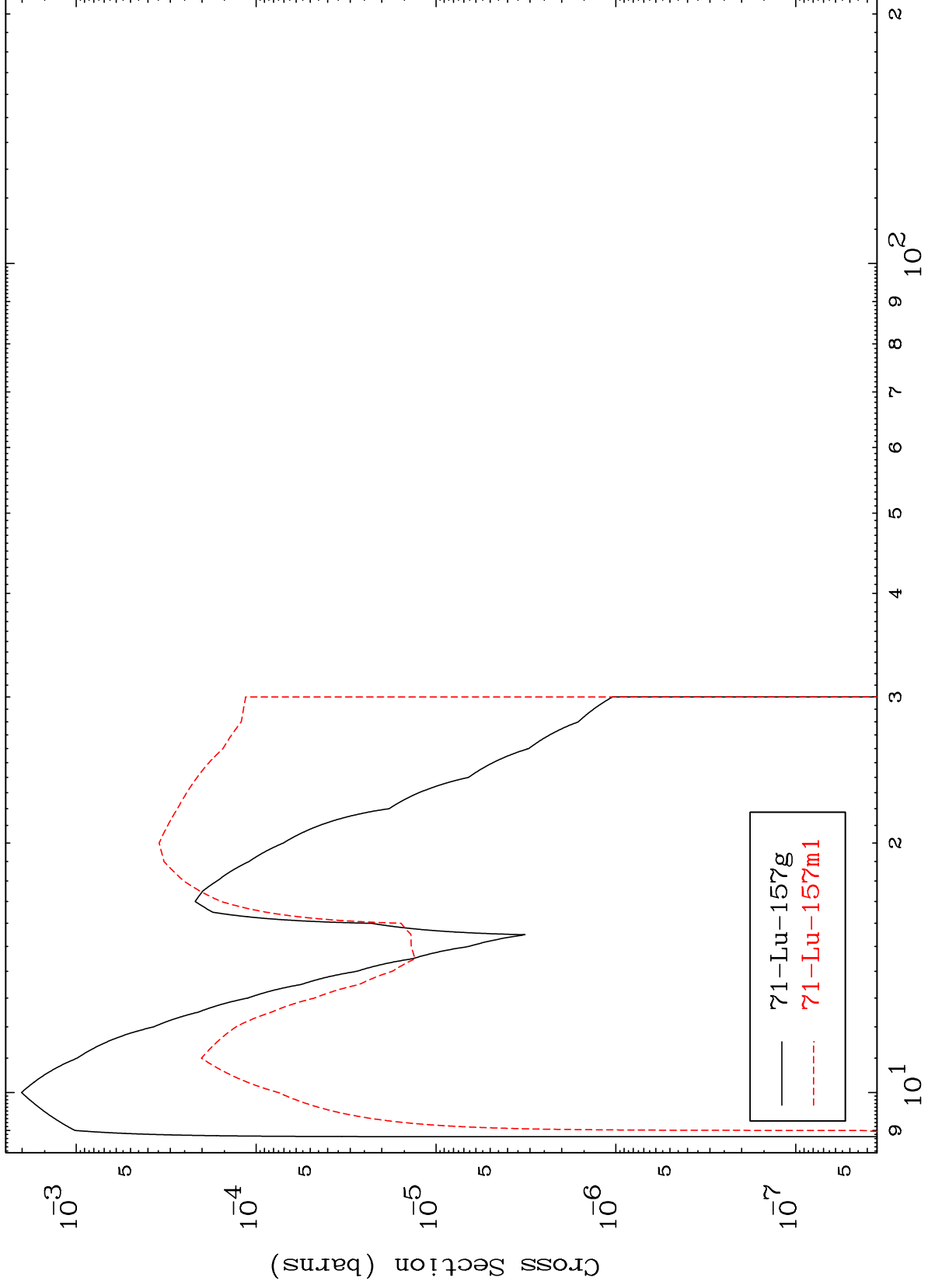
Incident Energy (MeV)

<sup>71</sup>Lu-158

MAT 7074

Inelastic  
Radionuclide Production Cross Section

71-Lu-158



13

Incident Energy (MeV)

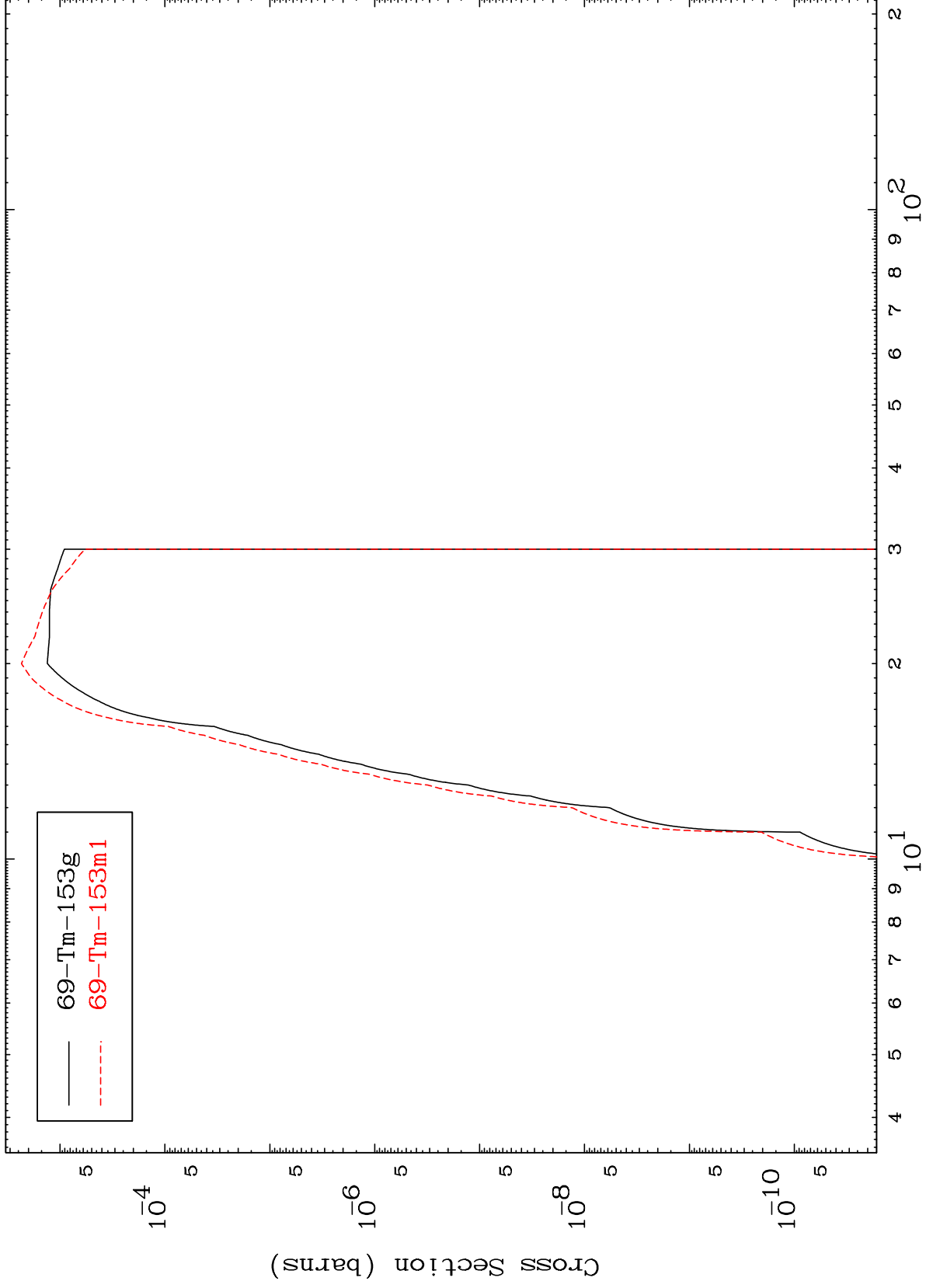
71-Lu-158

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$(n, n') \alpha$

$^{71}\text{Lu-158}$

Radionuclide Production Cross Section



69-Tm-153g  
69-Tm-153m1

14

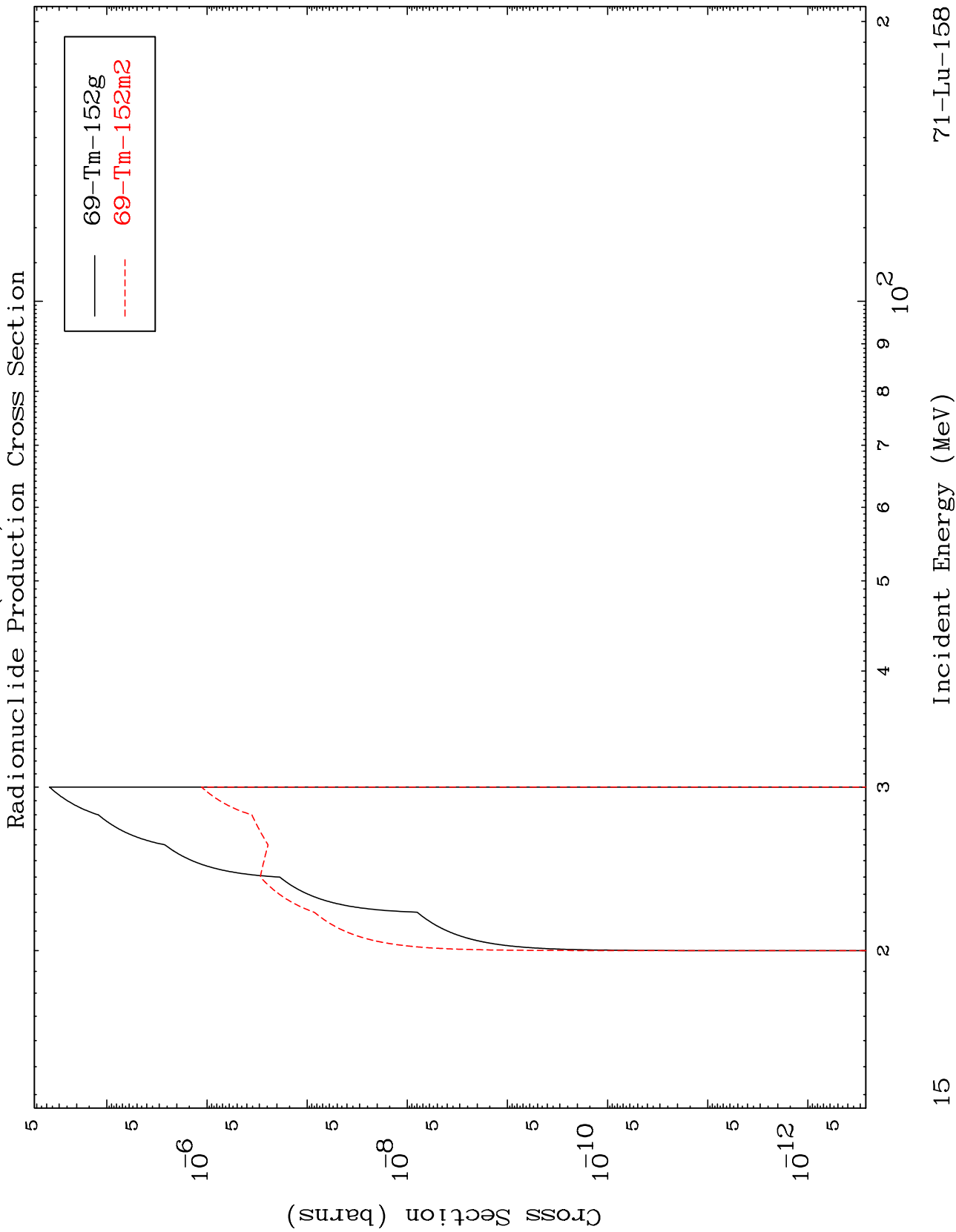
Incident Energy (MeV)

$^{71}\text{Lu-158}$

MAT 7074

(n,2n)  $\alpha$

71-Lu-158



15

Incident Energy (MeV)

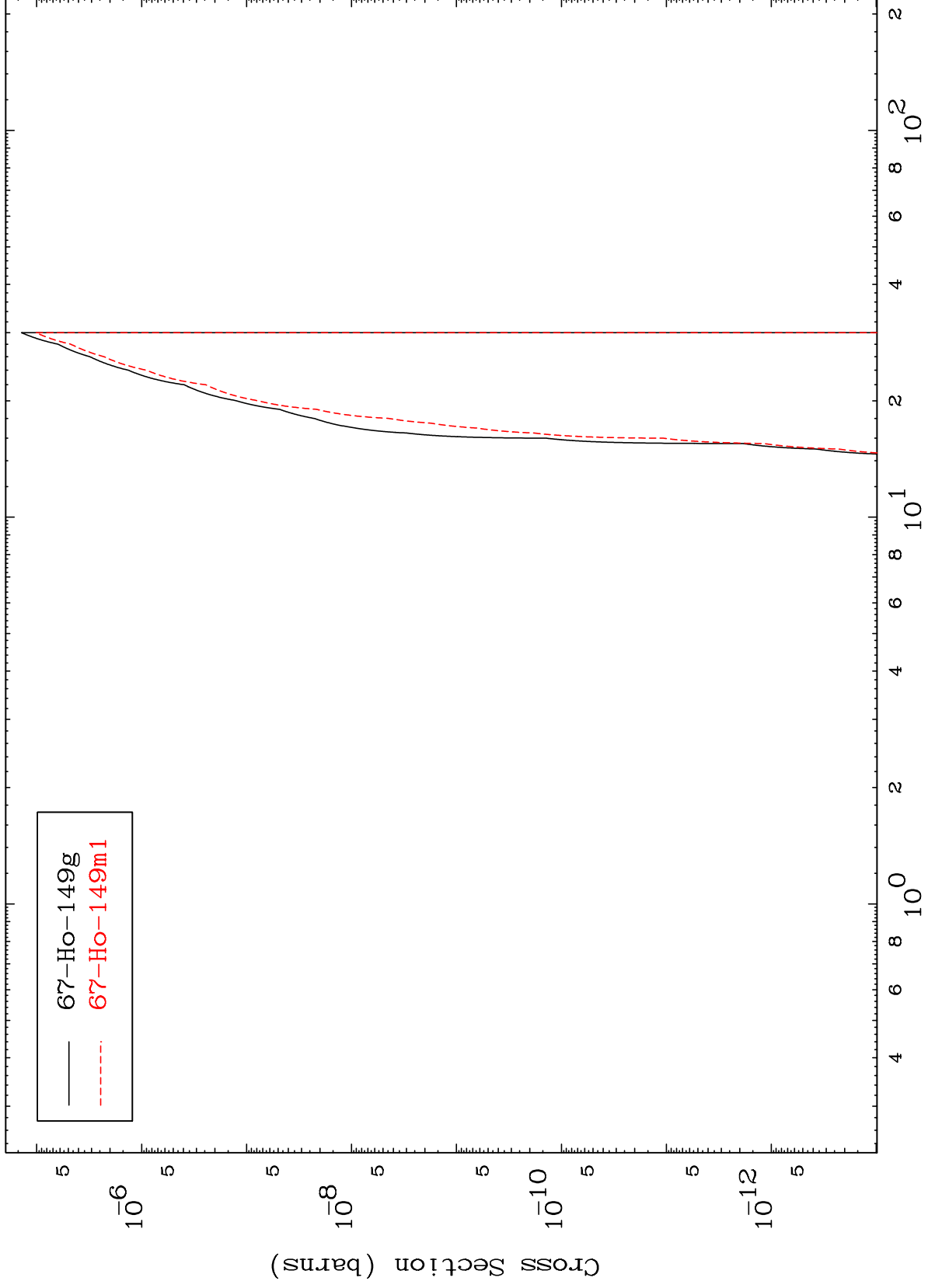
71-Lu-158

MAT 7074

(n,n') 2α

71-Lu-158

Radionuclide Production Cross Section



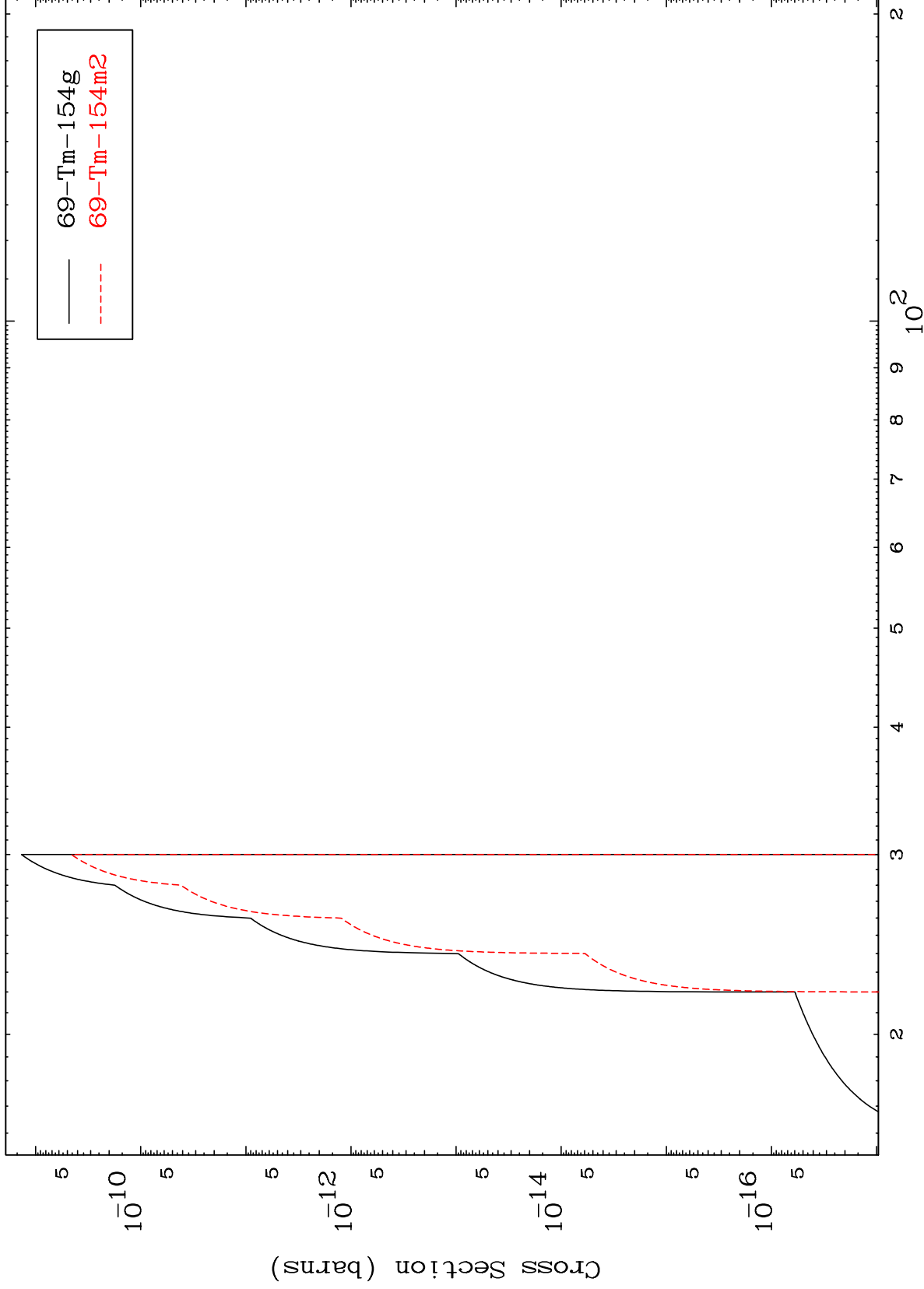
67-Ho-149g  
67-Ho-149m1

16

Incident Energy (MeV)

71-Lu-158

Radionuclide Production Cross Section

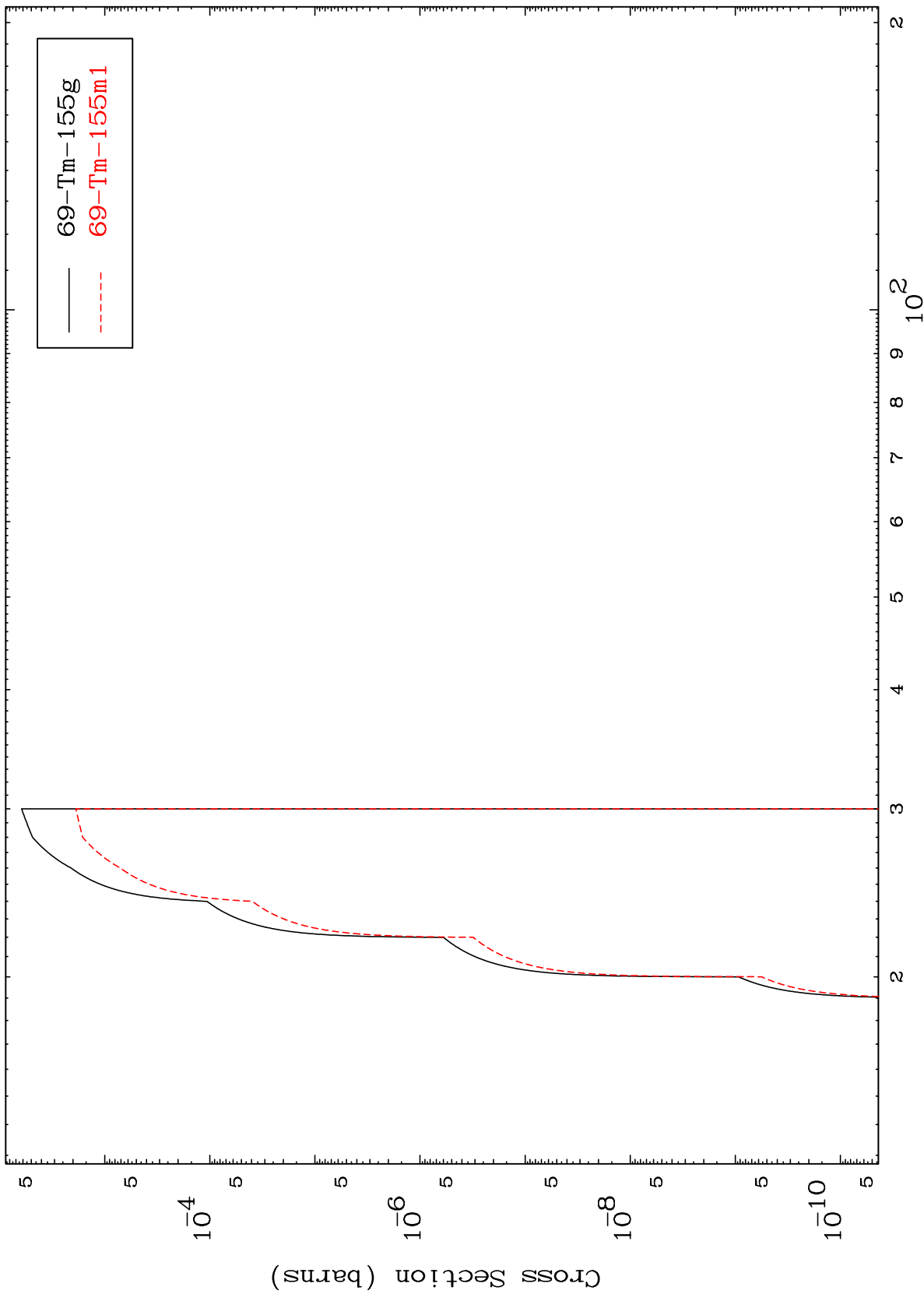


MAT 7074

(n,2n) p

71-Lu-158

Radionuclide Production Cross Section



18

Incident Energy (MeV)

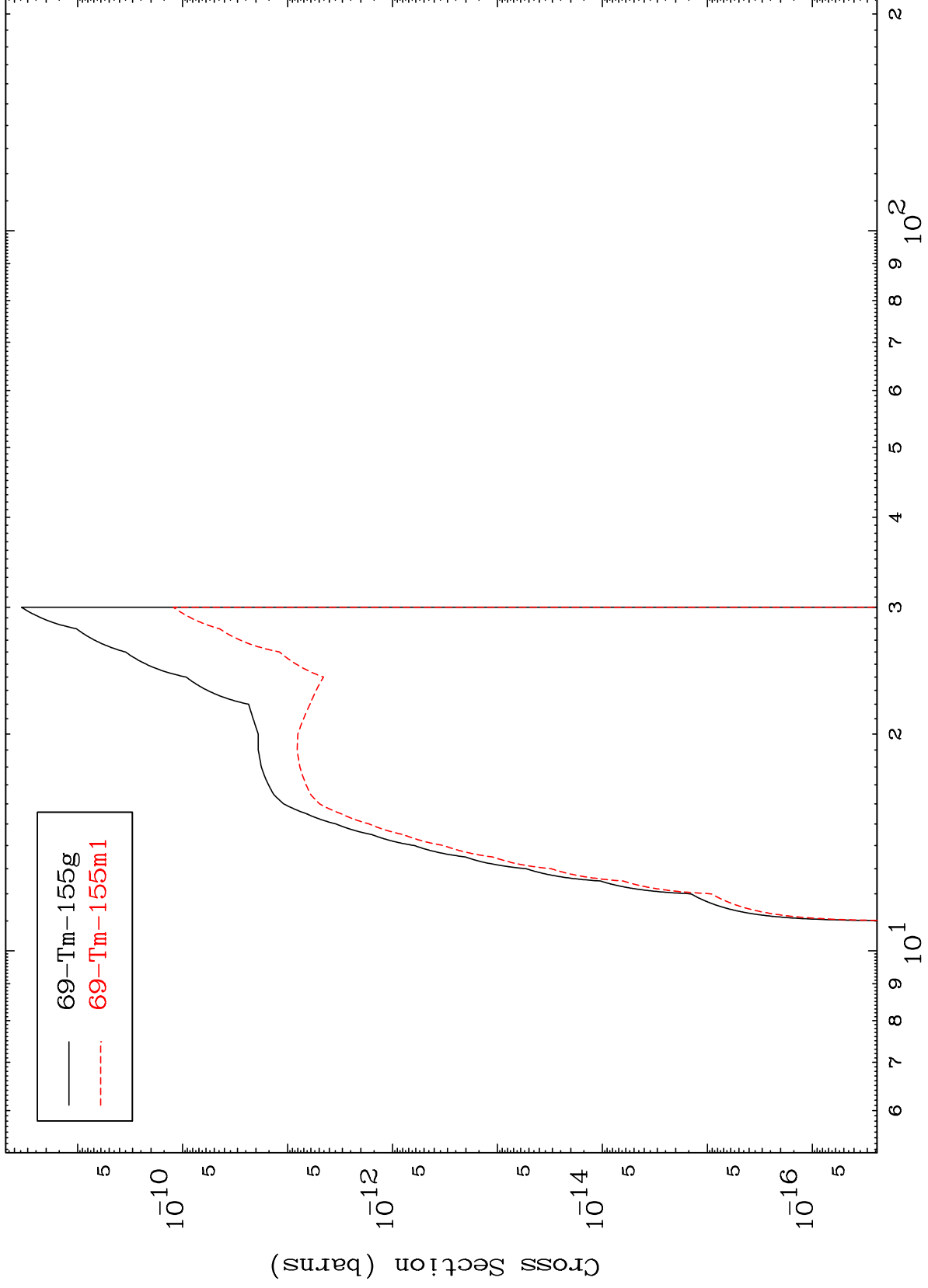
71-Lu-158

MAT 7074

(n,He-3)

71-Lu-158

Radionuclide Production Cross Section



19

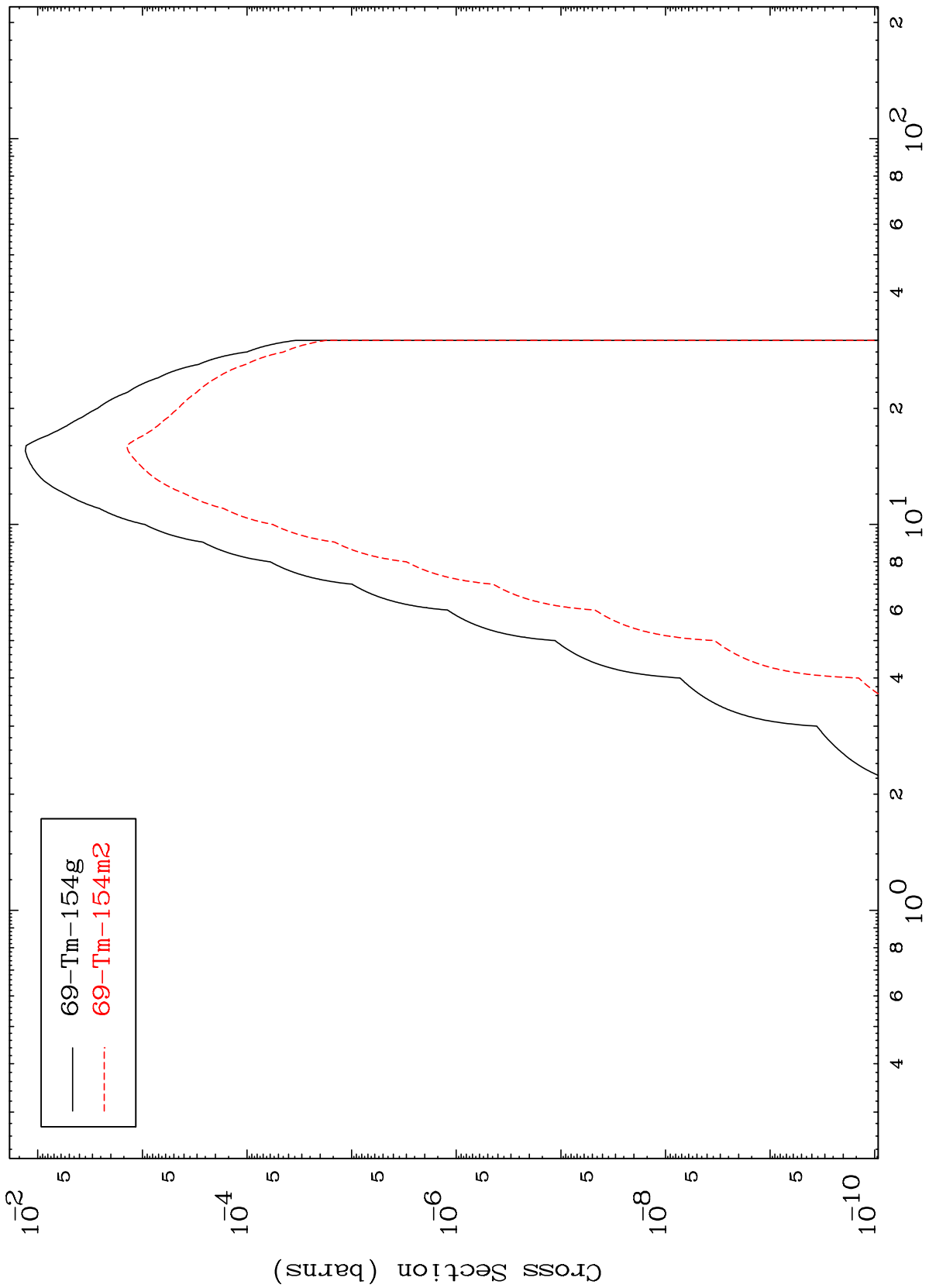
Incident Energy (MeV)

71-Lu-158

MAT 7074

71-Lu-158

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



71-Lu-158

Incident Energy (MeV)

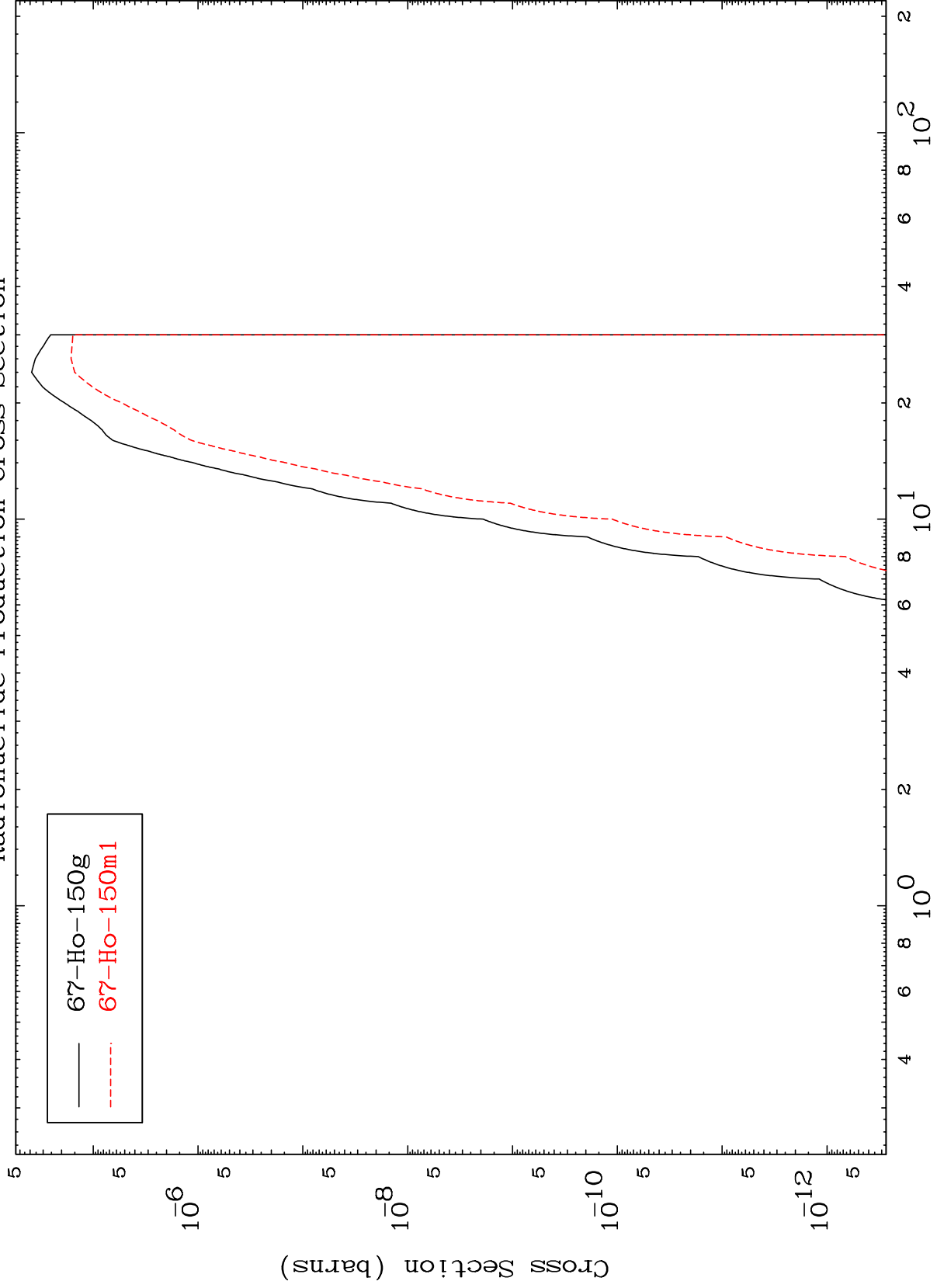
20

MAT 7074

(n,2α)

71-Lu-158

Radionuclide Production Cross Section

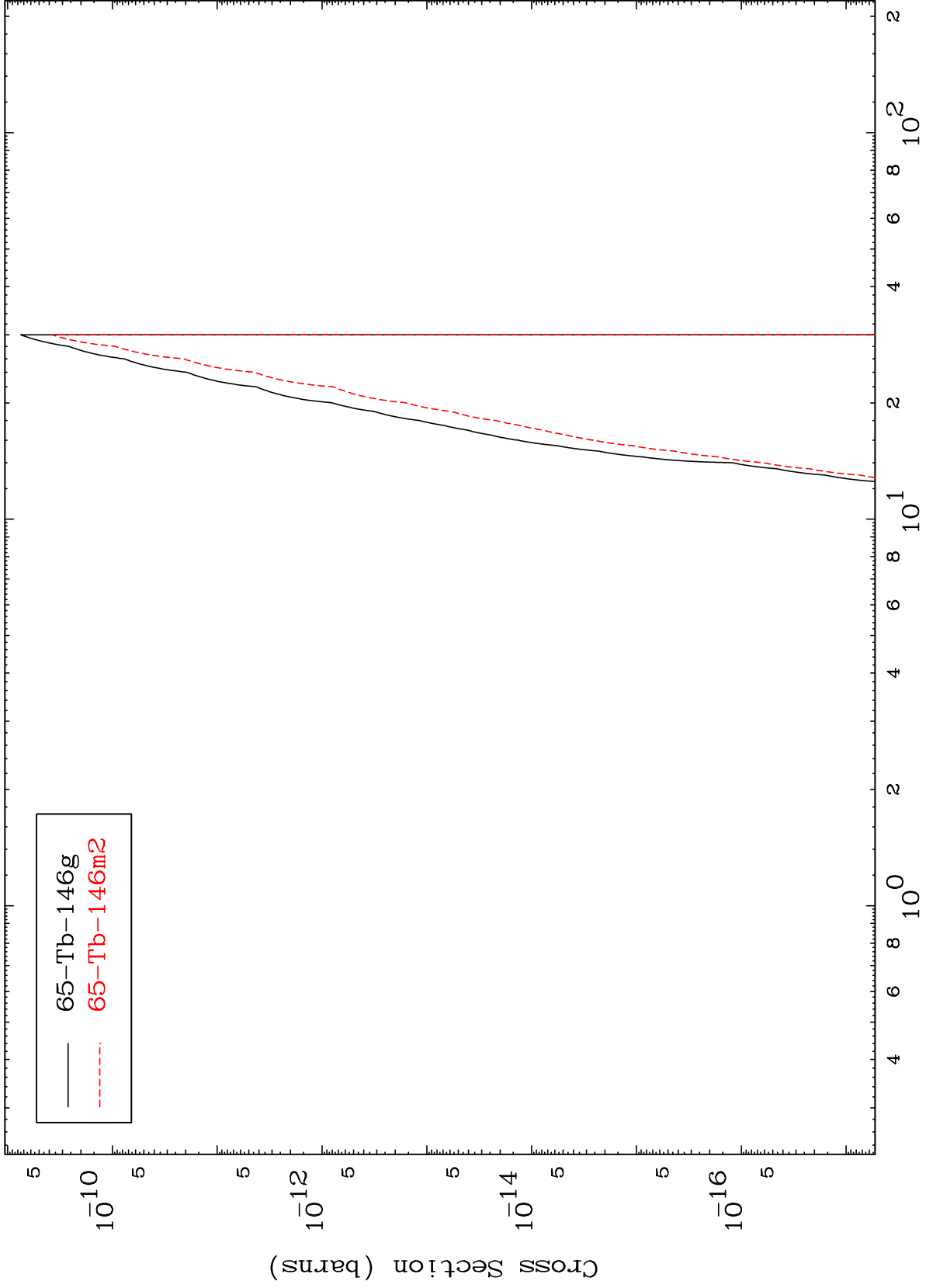


MAT 7074

(n, 3α)

71-Lu-158

Radionuclide Production Cross Section



22

Incident Energy (MeV)

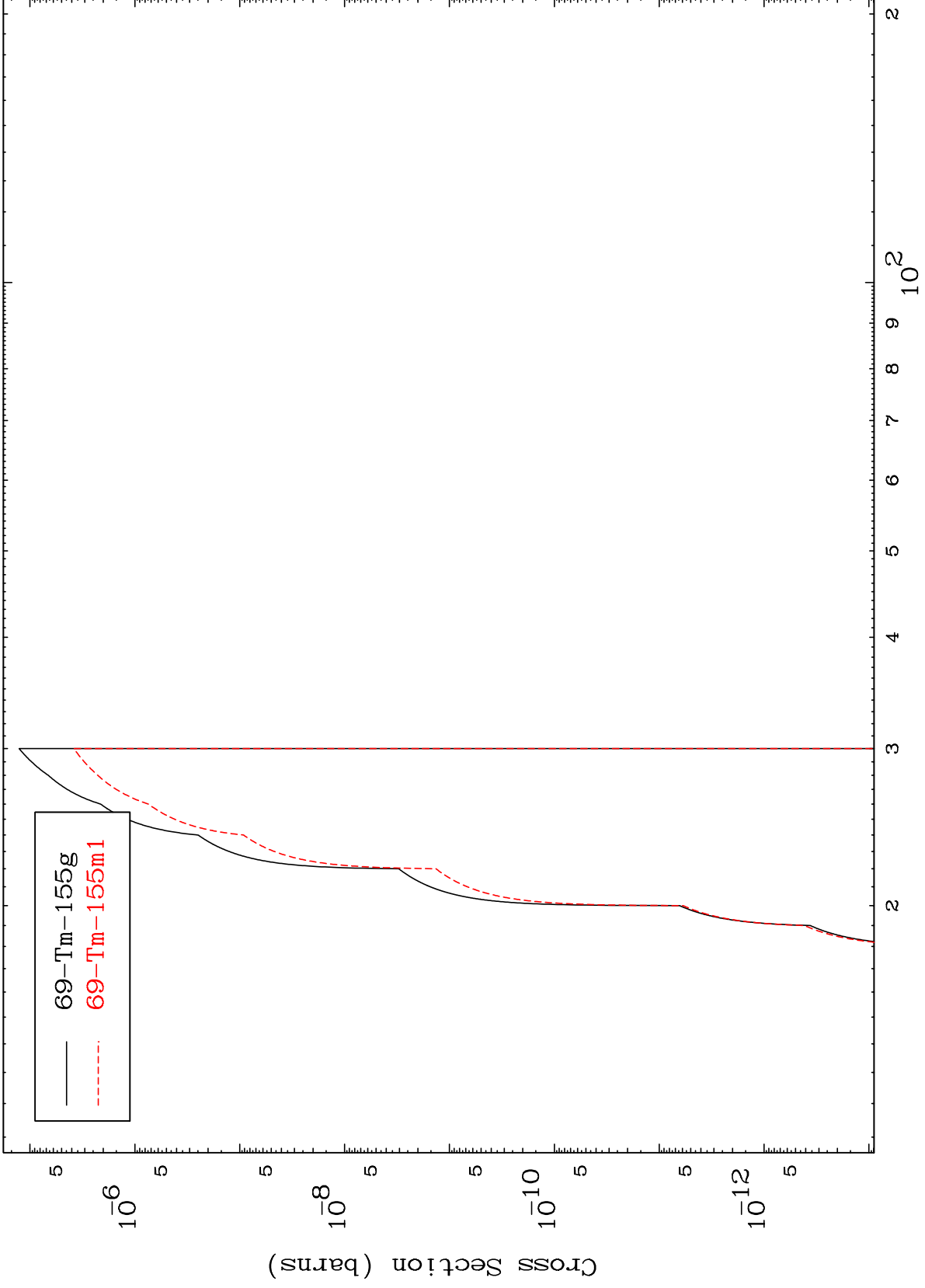
71-Lu-158

MAT 7074

(n,p) d

71-Lu-158

Radionuclide Production Cross Section



23

Incident Energy (MeV)

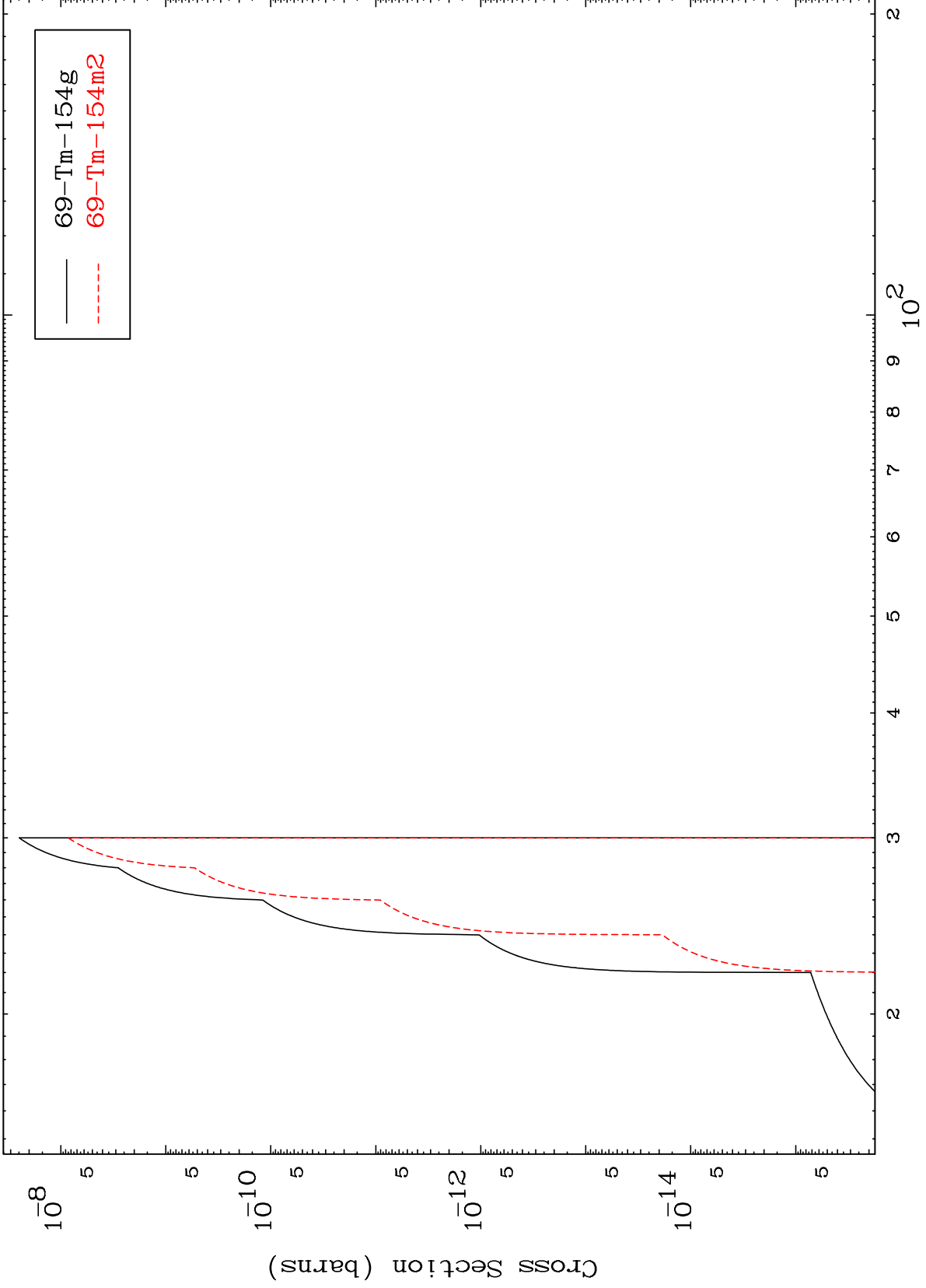
71-Lu-158

MAT 7074

(n,p) t

71-Lu-158

Radionuclide Production Cross Section



24

Incident Energy (MeV)

71-Lu-158