

Program EVALPLOT  
(Version 2021-1)

by

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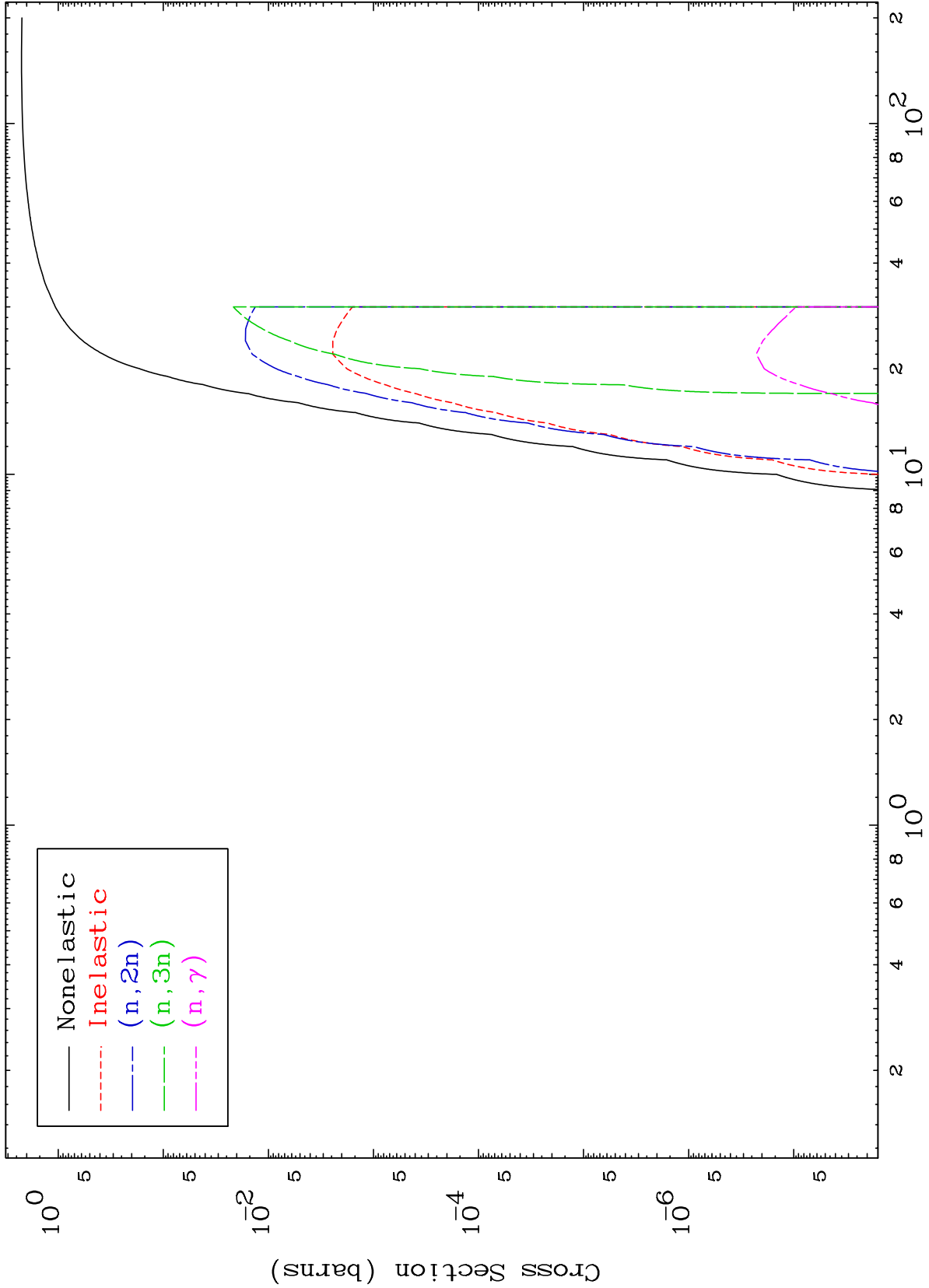
Press Mouse Button to Start

MAT 7110

He-3 Major

71-Lu-170

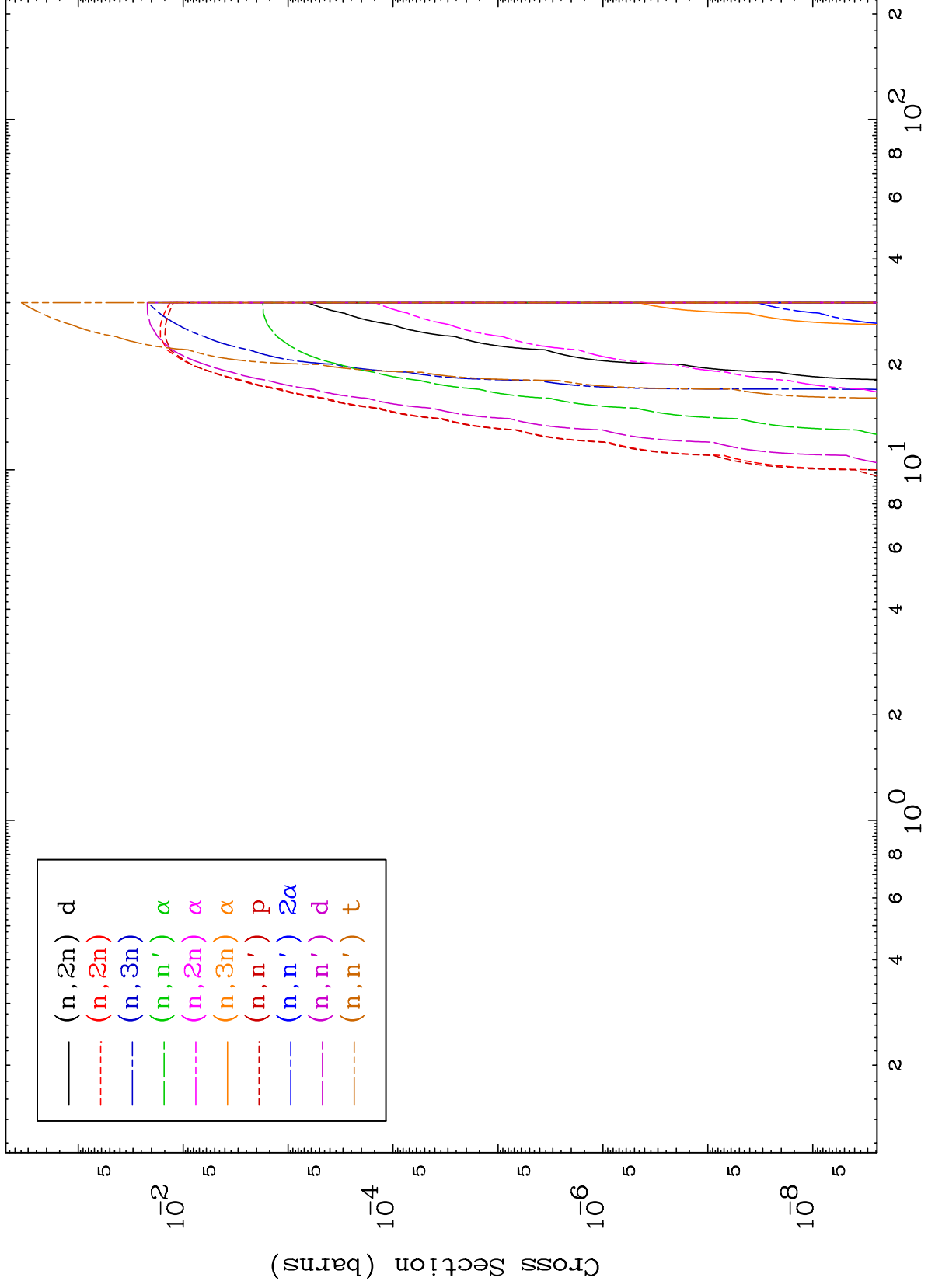
0 Kelvin Cross Sections



MAT 7110

He-3 Neutron Absorption  
0 Kelvin Cross Sections

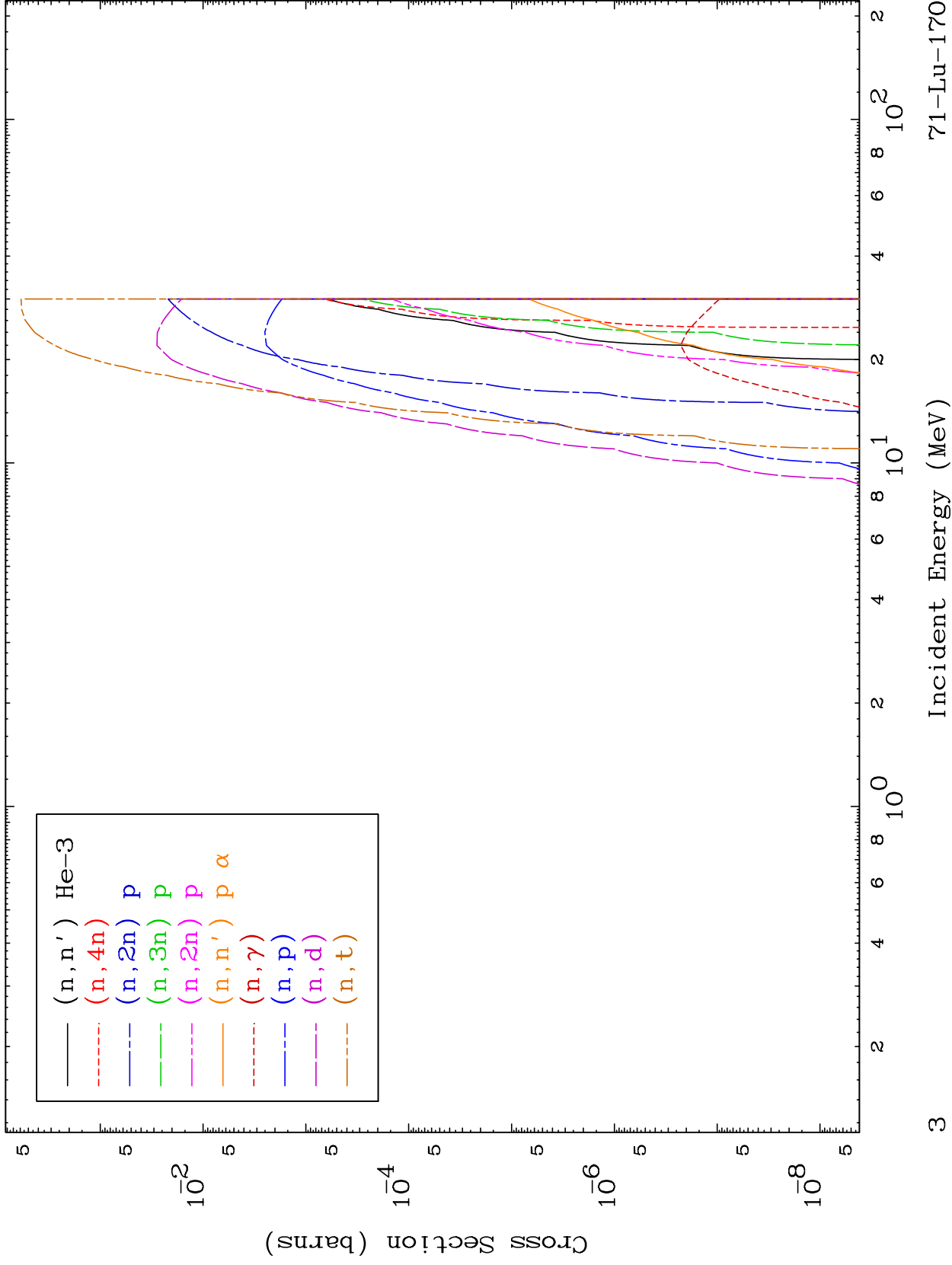
<sup>71</sup>Lu-170

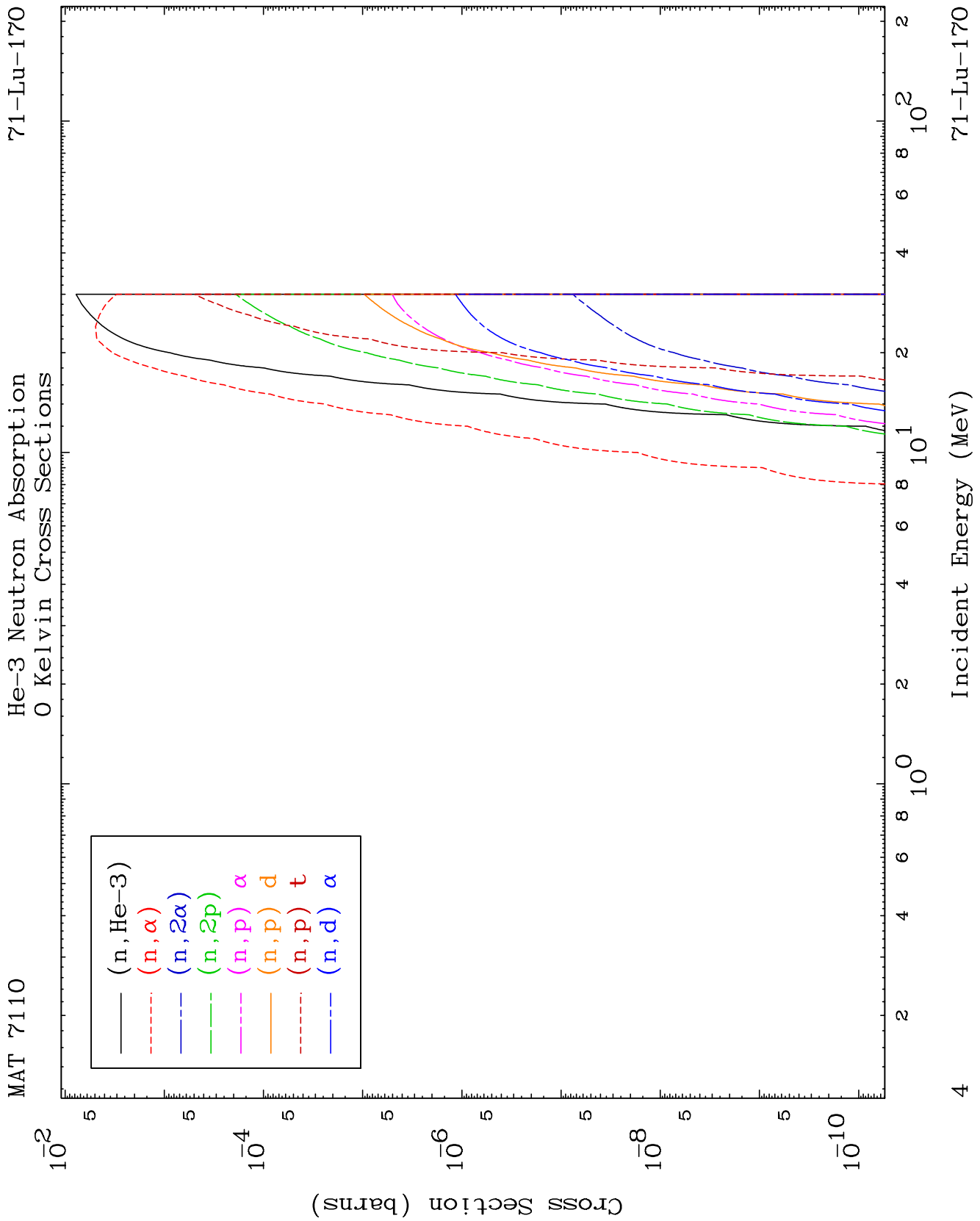


MAT 7110

He-3 Neutron Absorption  
0 Kelvin Cross Sections

71-Lu-170

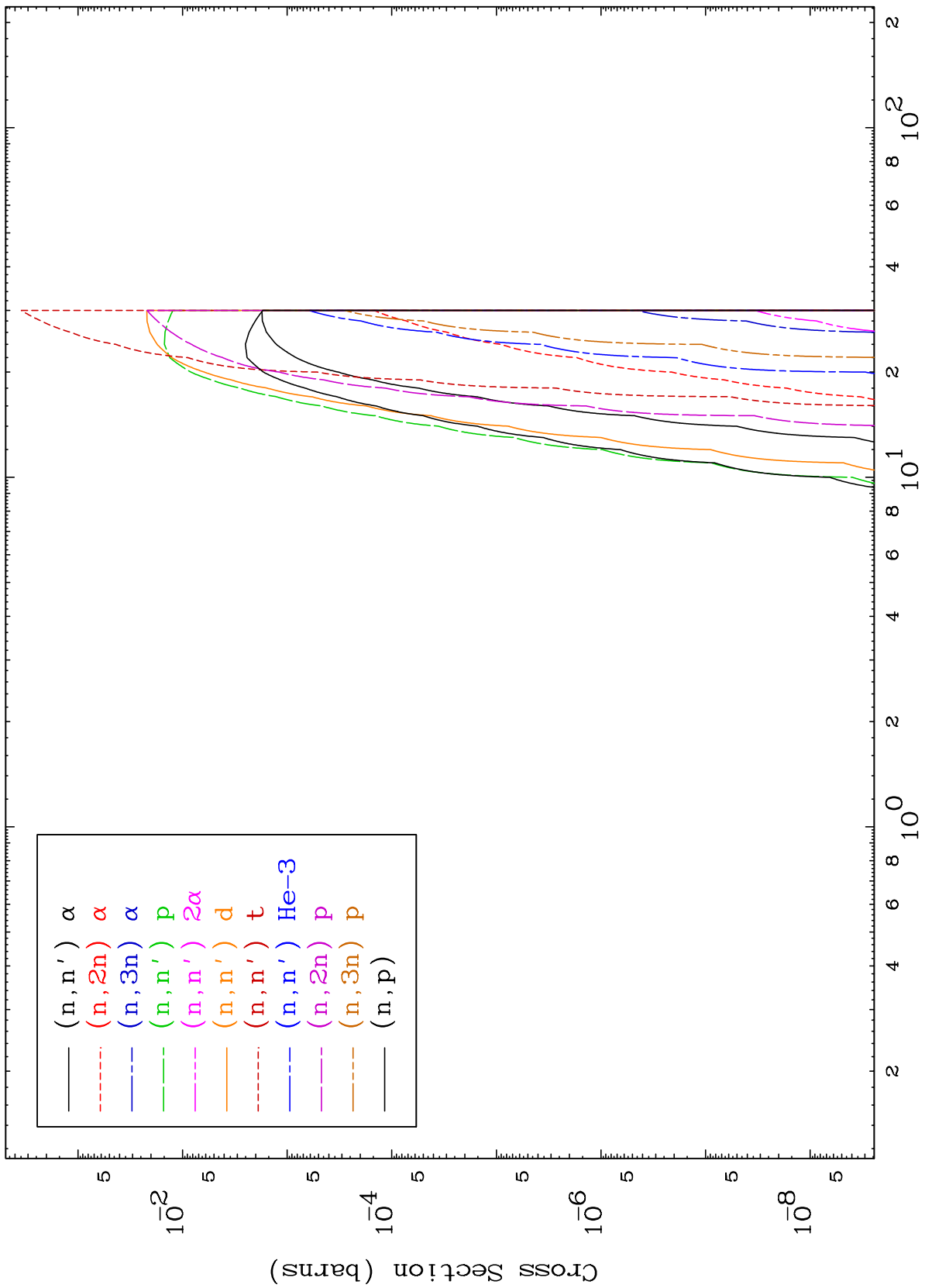




MAT 7110

He-3 Charged Particle  
0 Kelvin Cross Sections

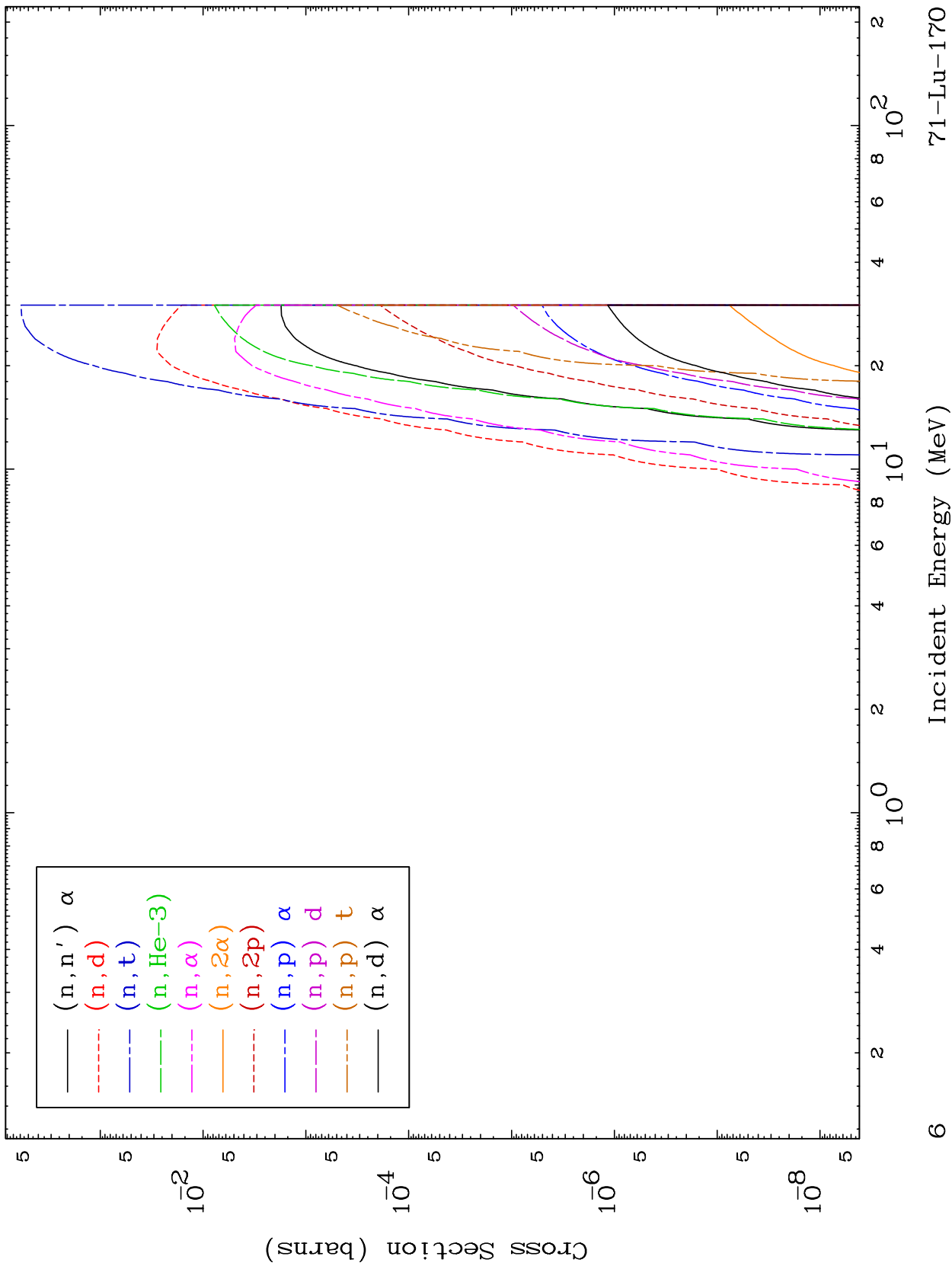
71-Lu-170



MAT 7110

He-3 Charged Particle  
0 Kelvin Cross Sections

71-Lu-170

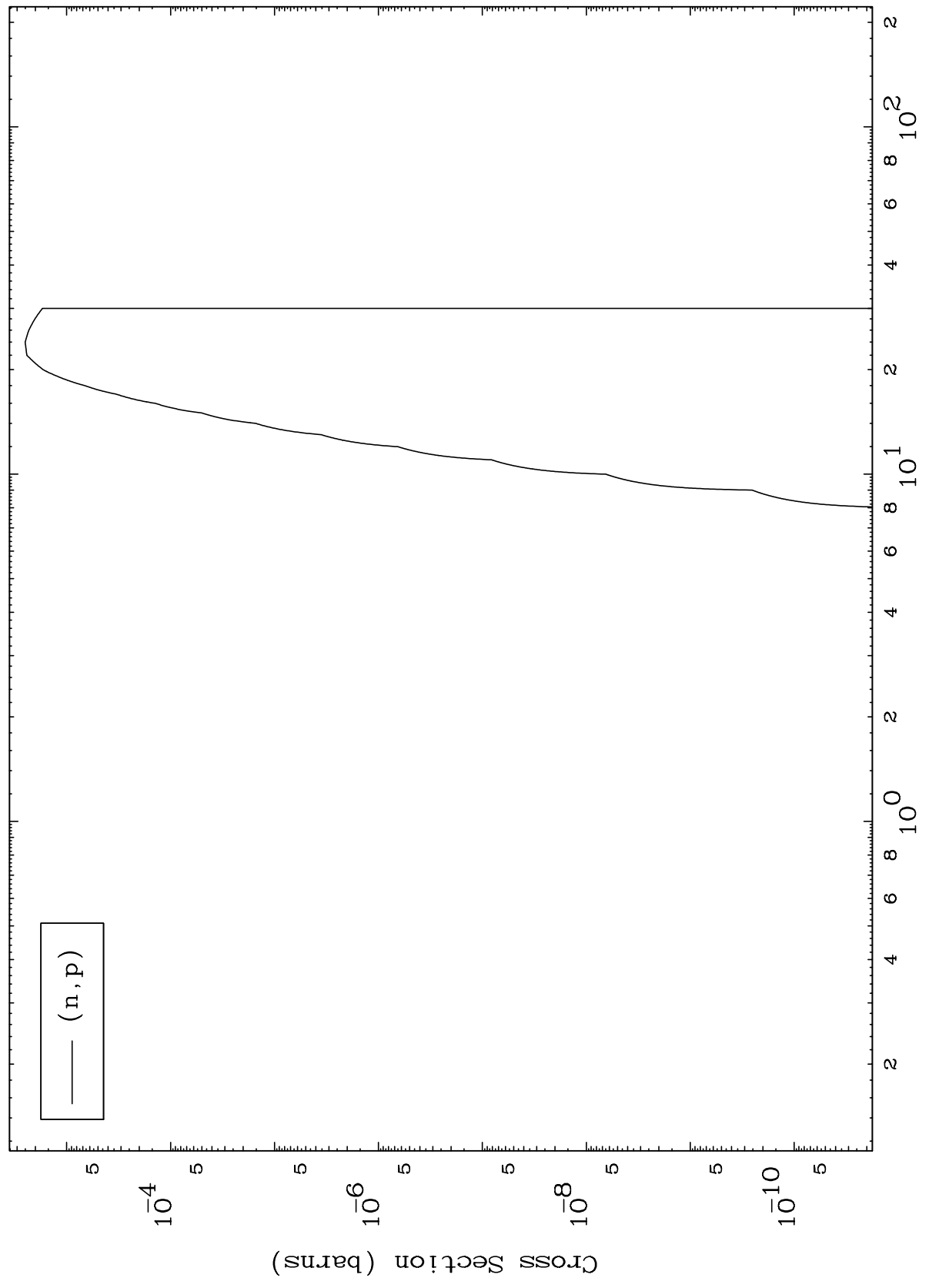


MAT 7110

(He-3,p) Levels

71-Lu-170

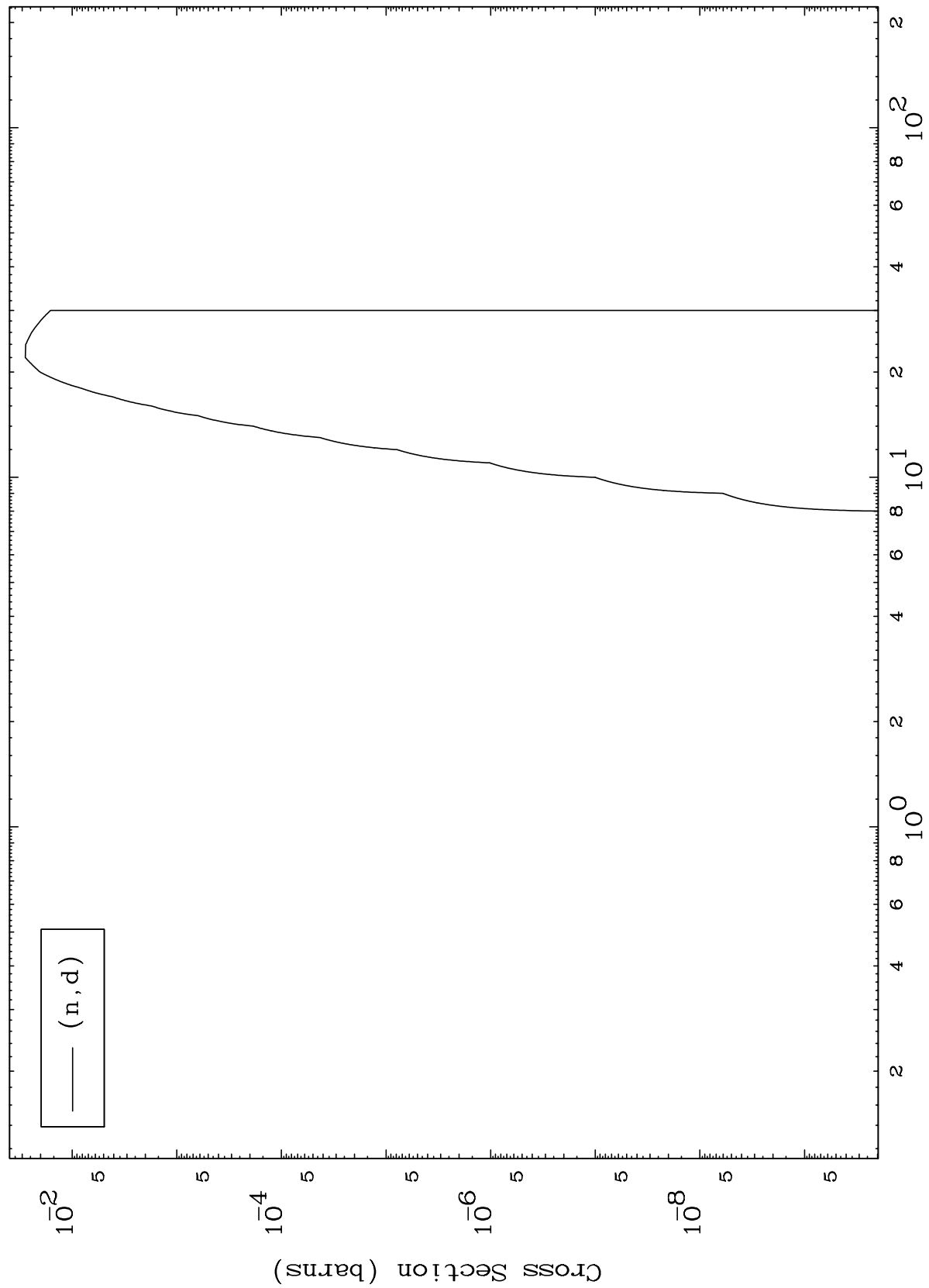
0 Kelvin Cross Sections



MAT 7110

71-Lu-170

(He-3,d) Levels  
0 Kelvin Cross Sections

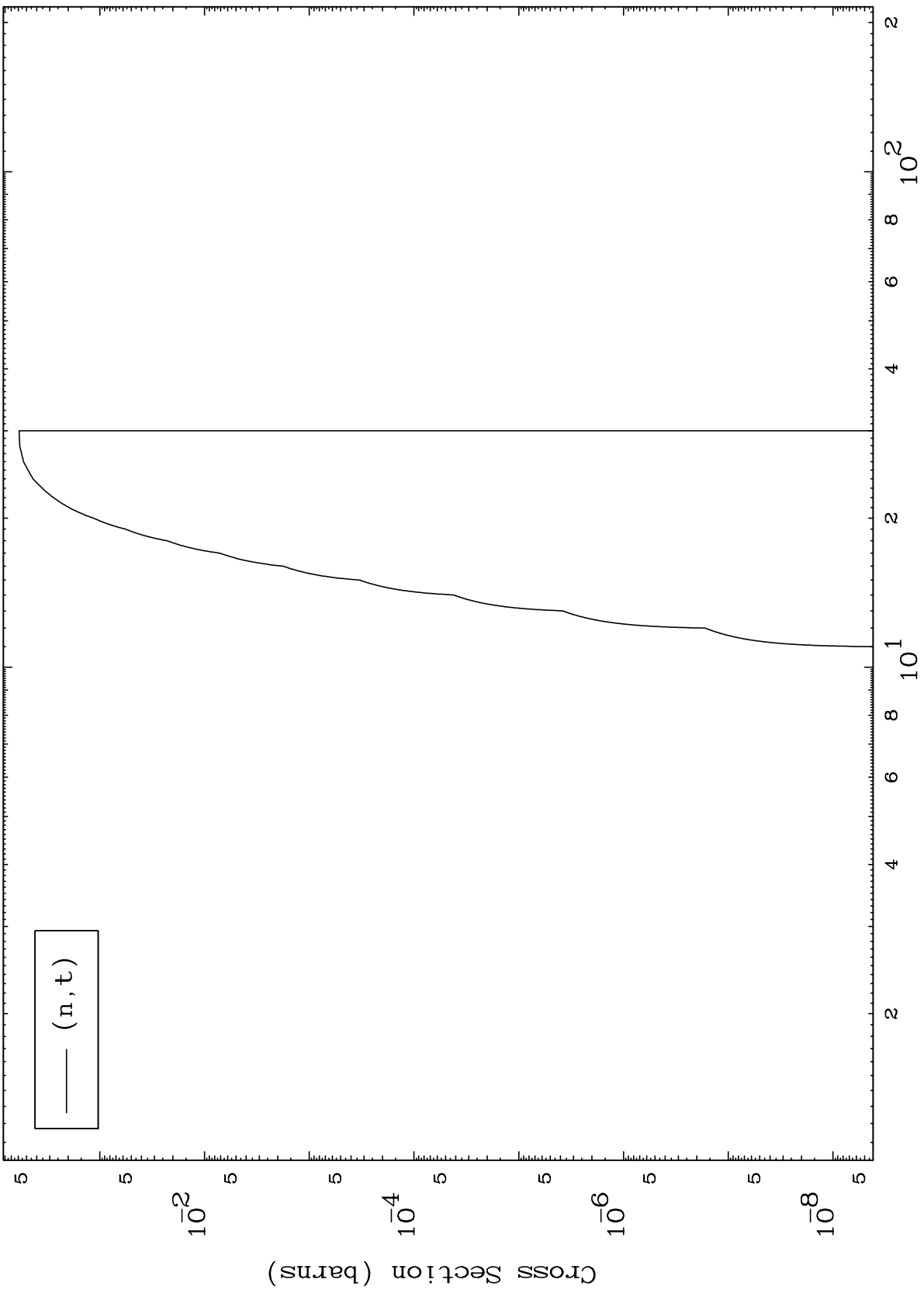


MAT 7110

(He-3,t) Levels

71-Lu-170

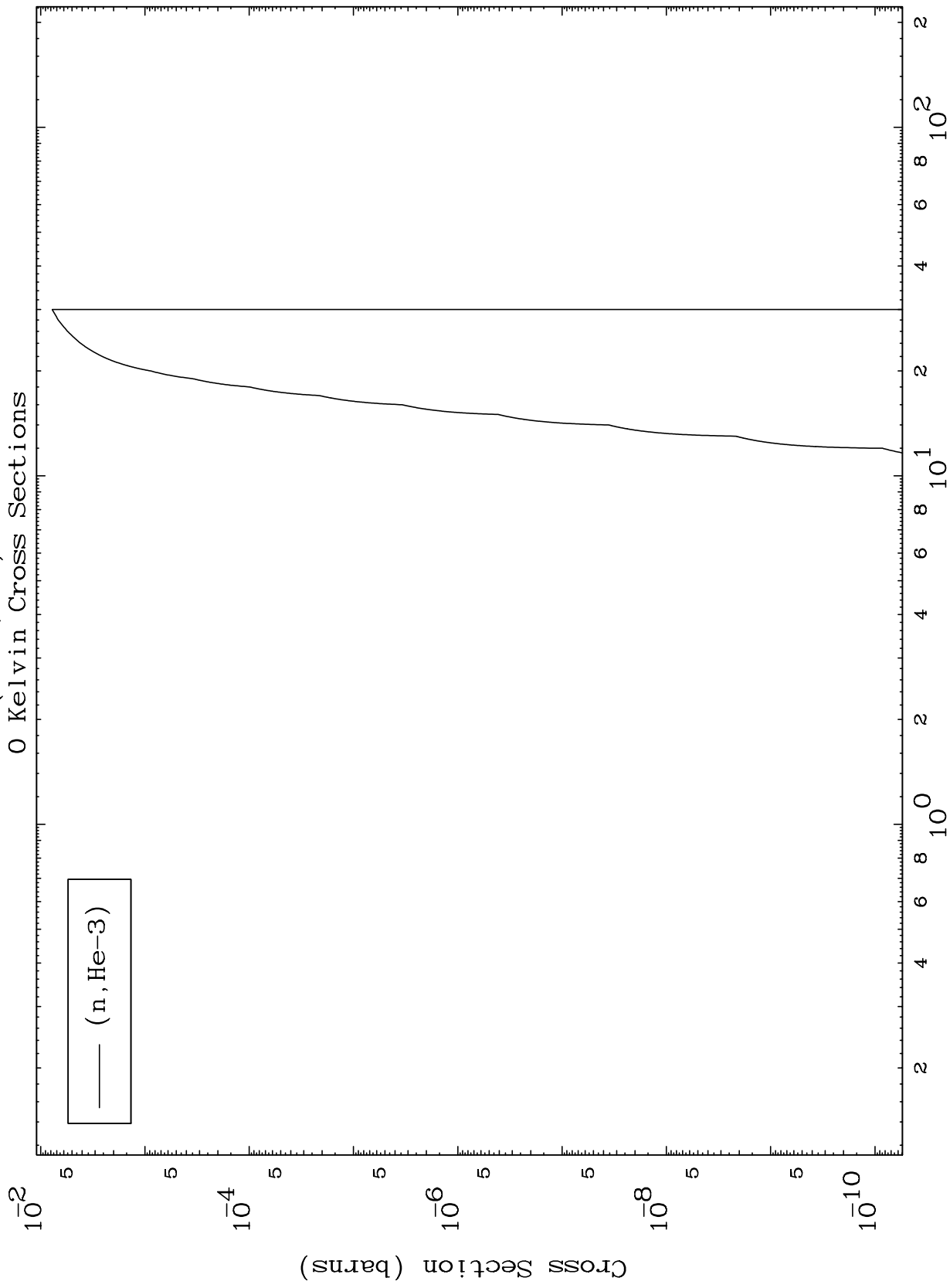
0 Kelvin Cross Sections



MAT 7110

(He-3, He3) Levels

71-Lu-170



10

Incident Energy (MeV)

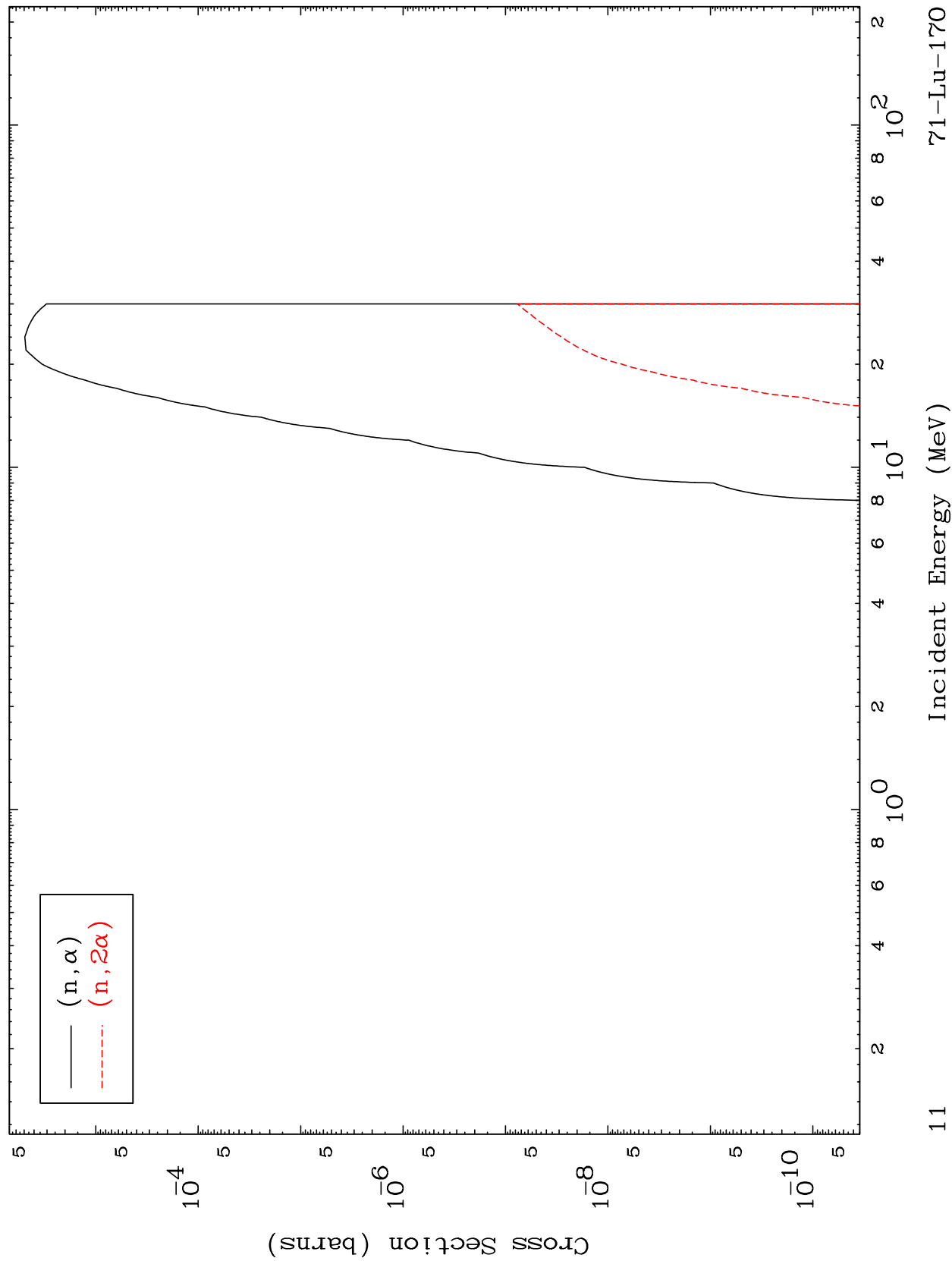
71-Lu-170

MAT 7110

(He-3,  $\alpha$ ) Levels

71-Lu-170

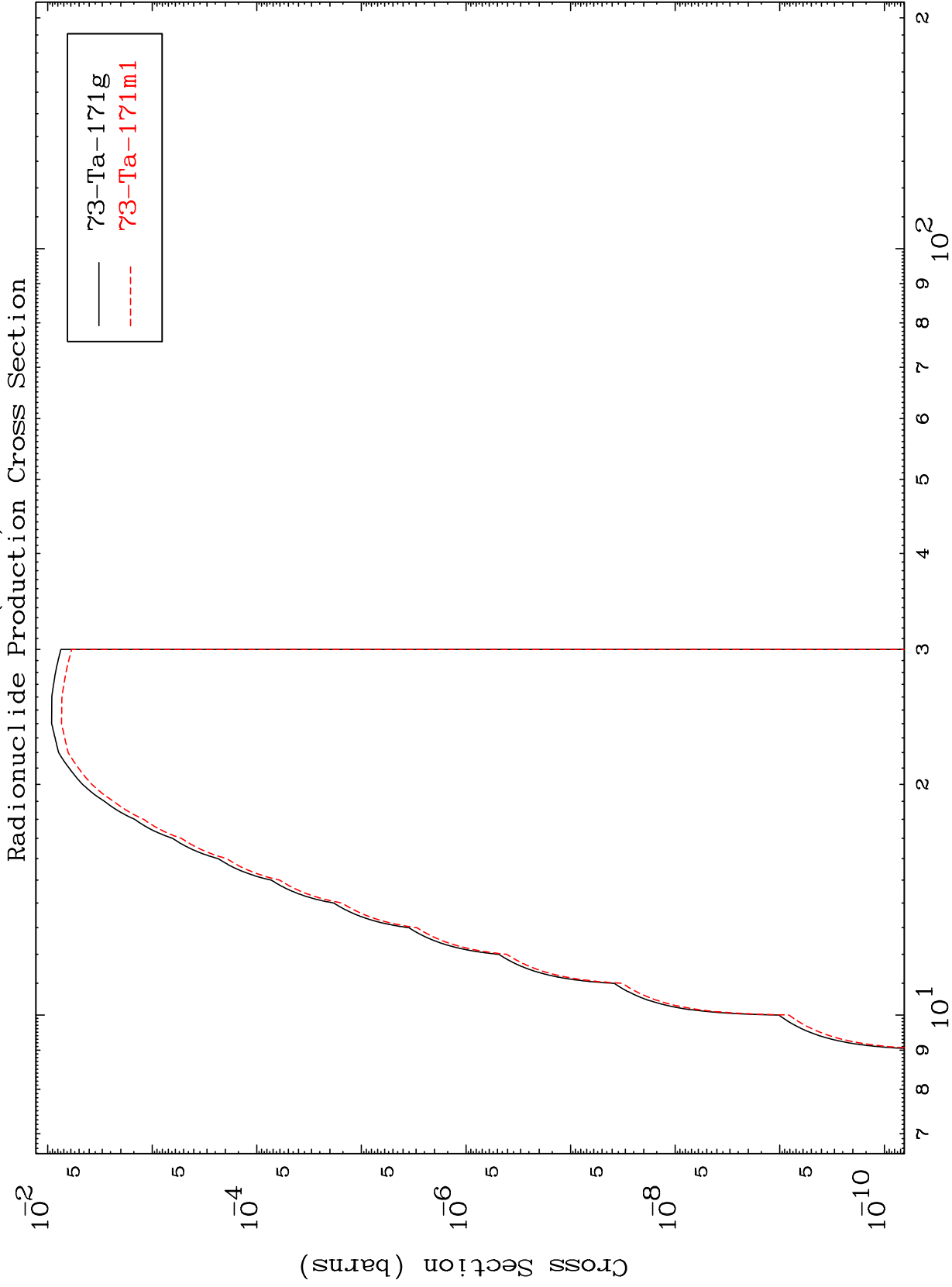
0 Kelvin Cross Sections



MAT 7110

(n,2n)

71-Lu-170



12

Incident Energy (MeV)

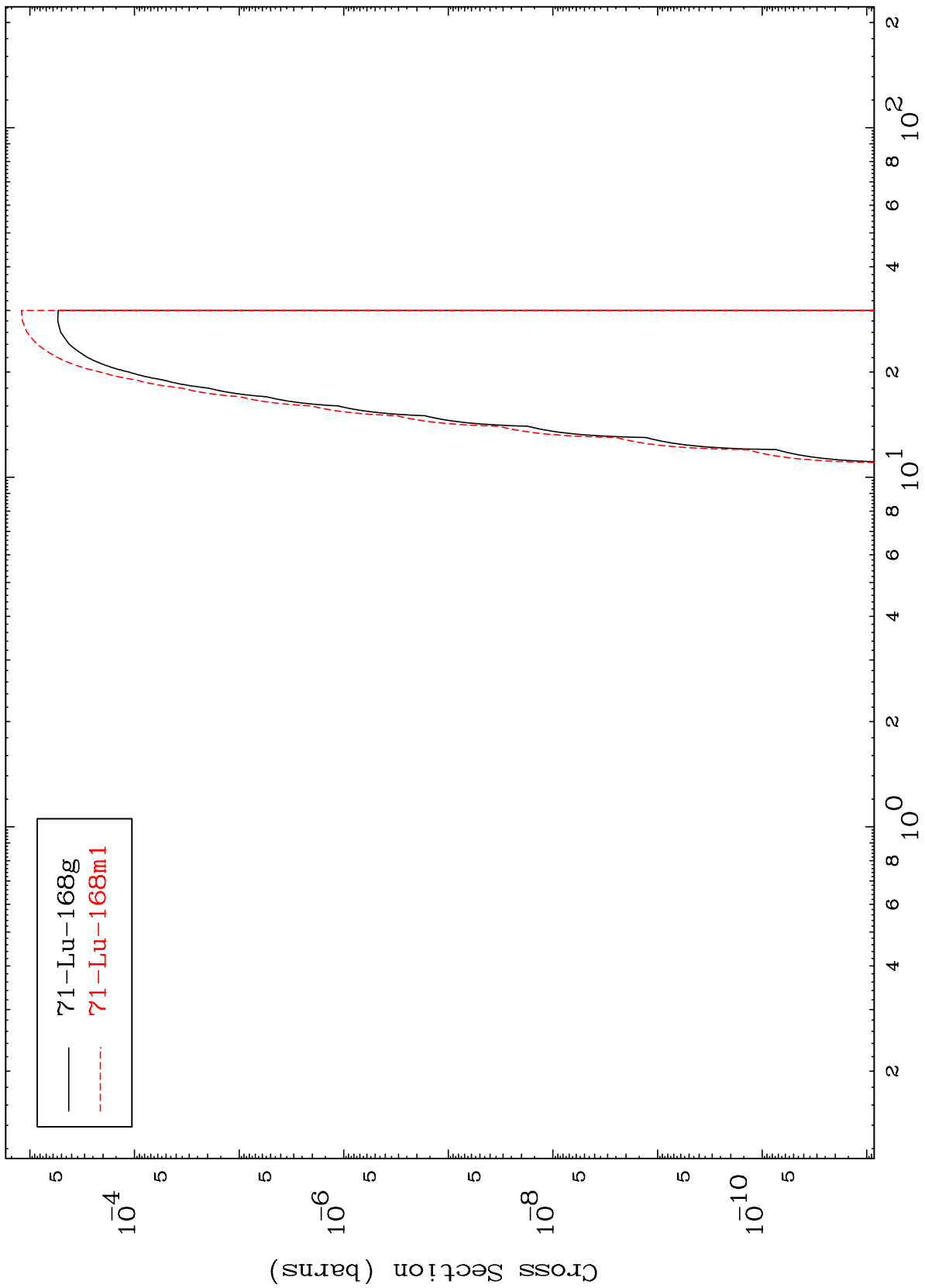
71-Lu-170

MAT 7110

$(n, n') \alpha$

$^{71}\text{Lu-170}$

Radionuclide Production Cross Section

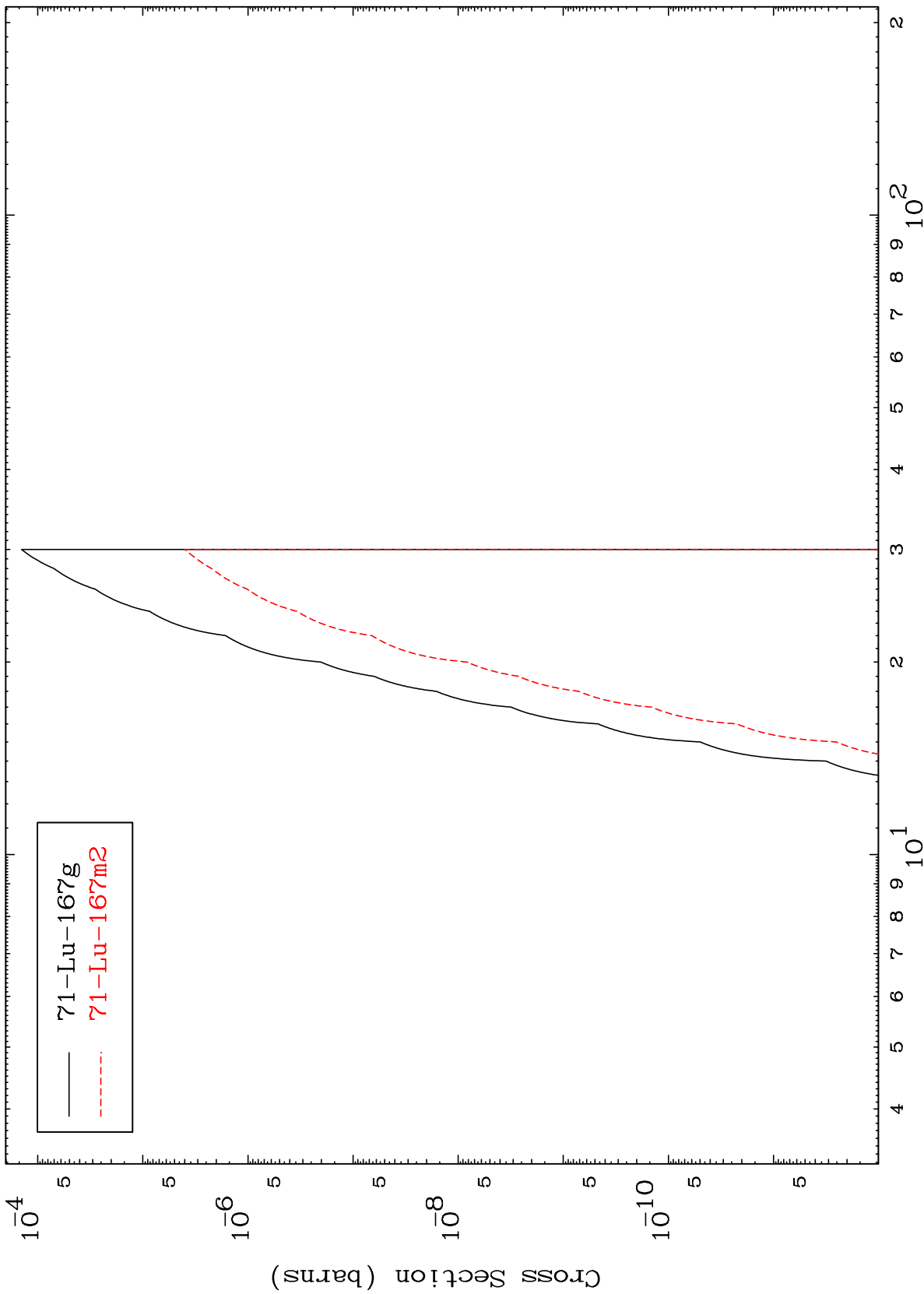


MAT 7110

$(n,2n) \alpha$

$^{71}\text{Lu-170}$

Radionuclide Production Cross Section



$^{71}\text{Lu-167g}$   
 $^{71}\text{Lu-167m2}$

14

Incident Energy (MeV)

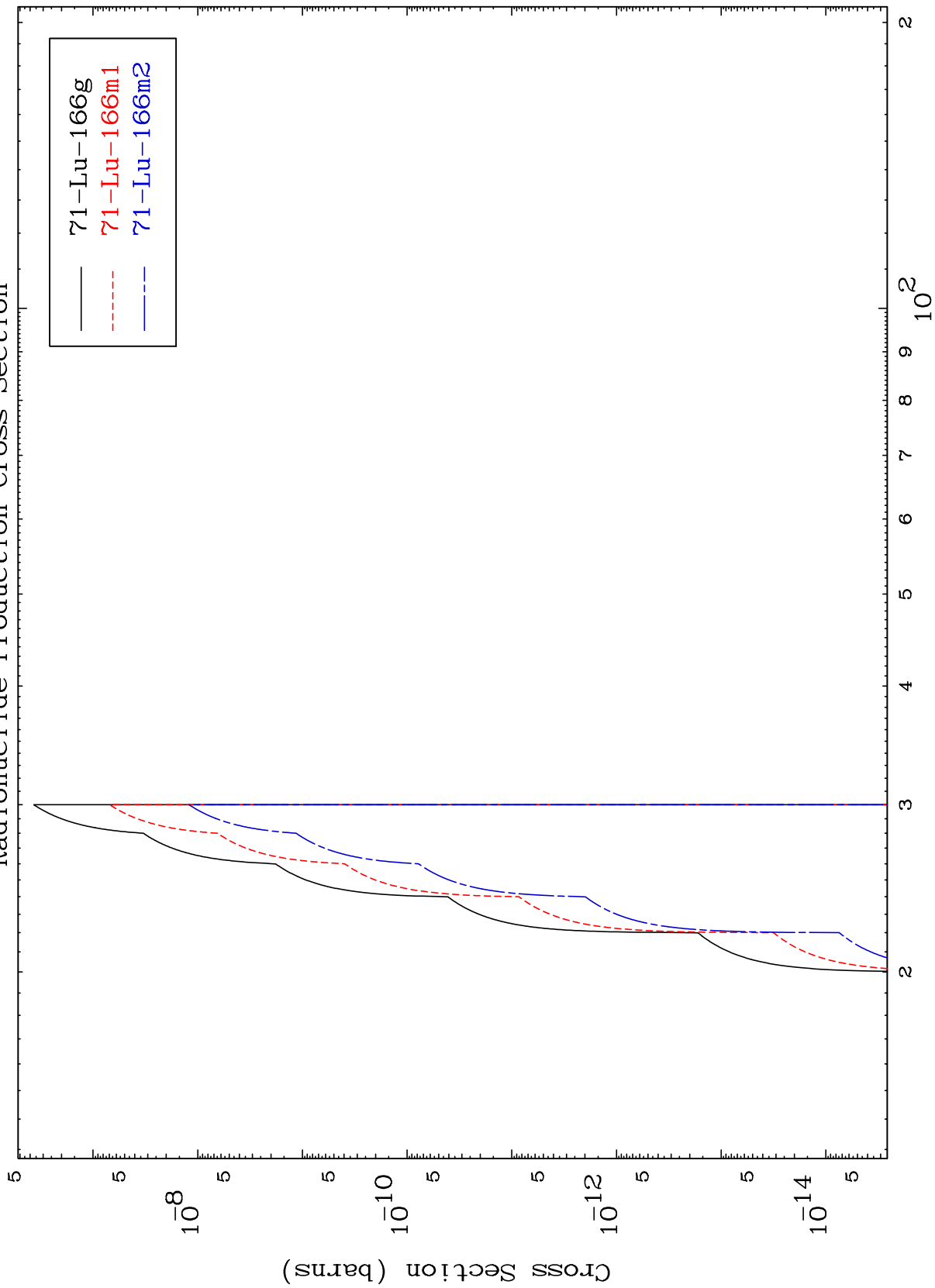
$^{71}\text{Lu-170}$

MAT 7110

$(n,3n) \alpha$

71-Lu-170

Radionuclide Production Cross Section



15

Incident Energy (MeV)

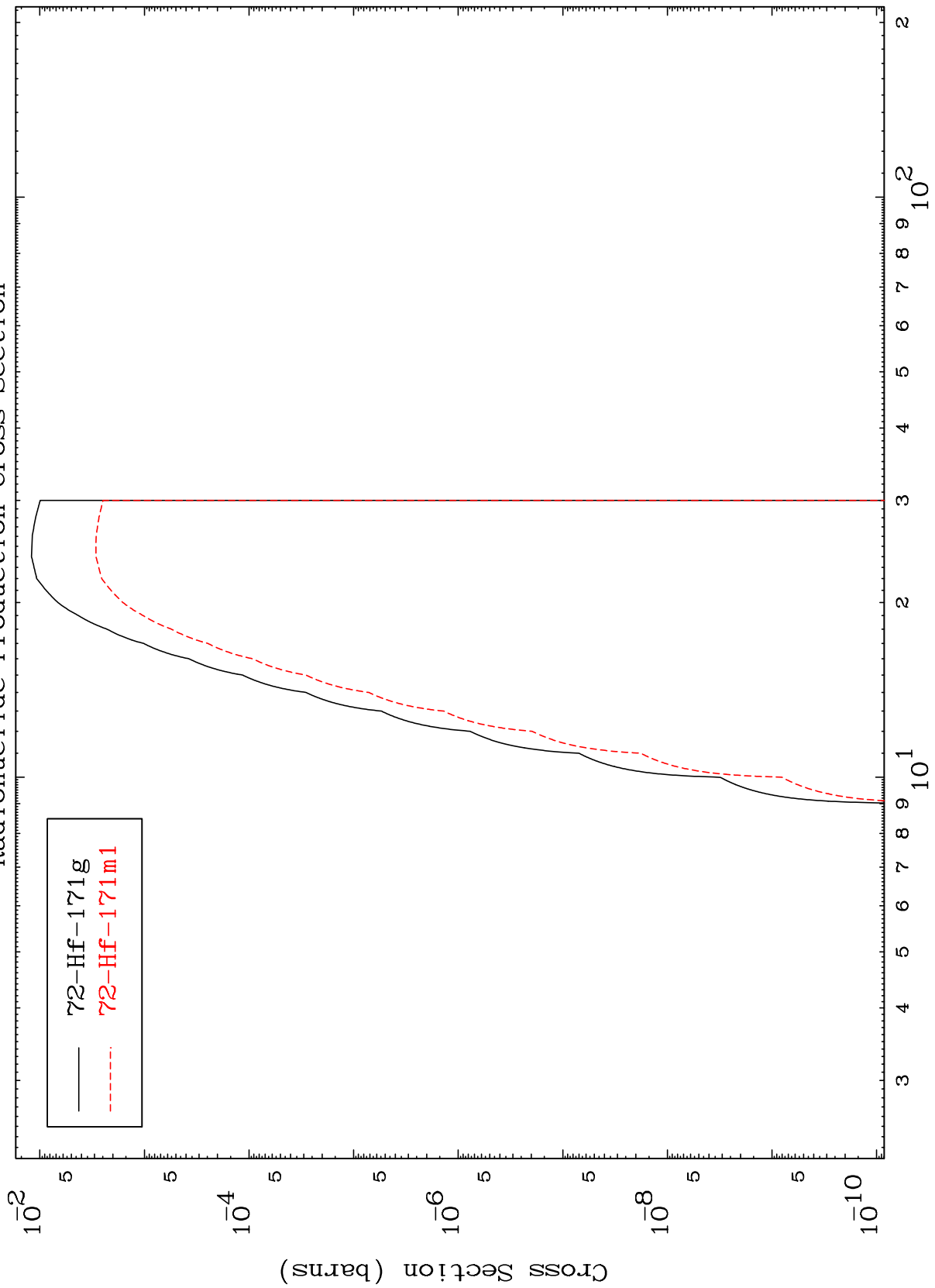
71-Lu-170

MAT 7110

(n,n') p

71-Lu-170

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-170

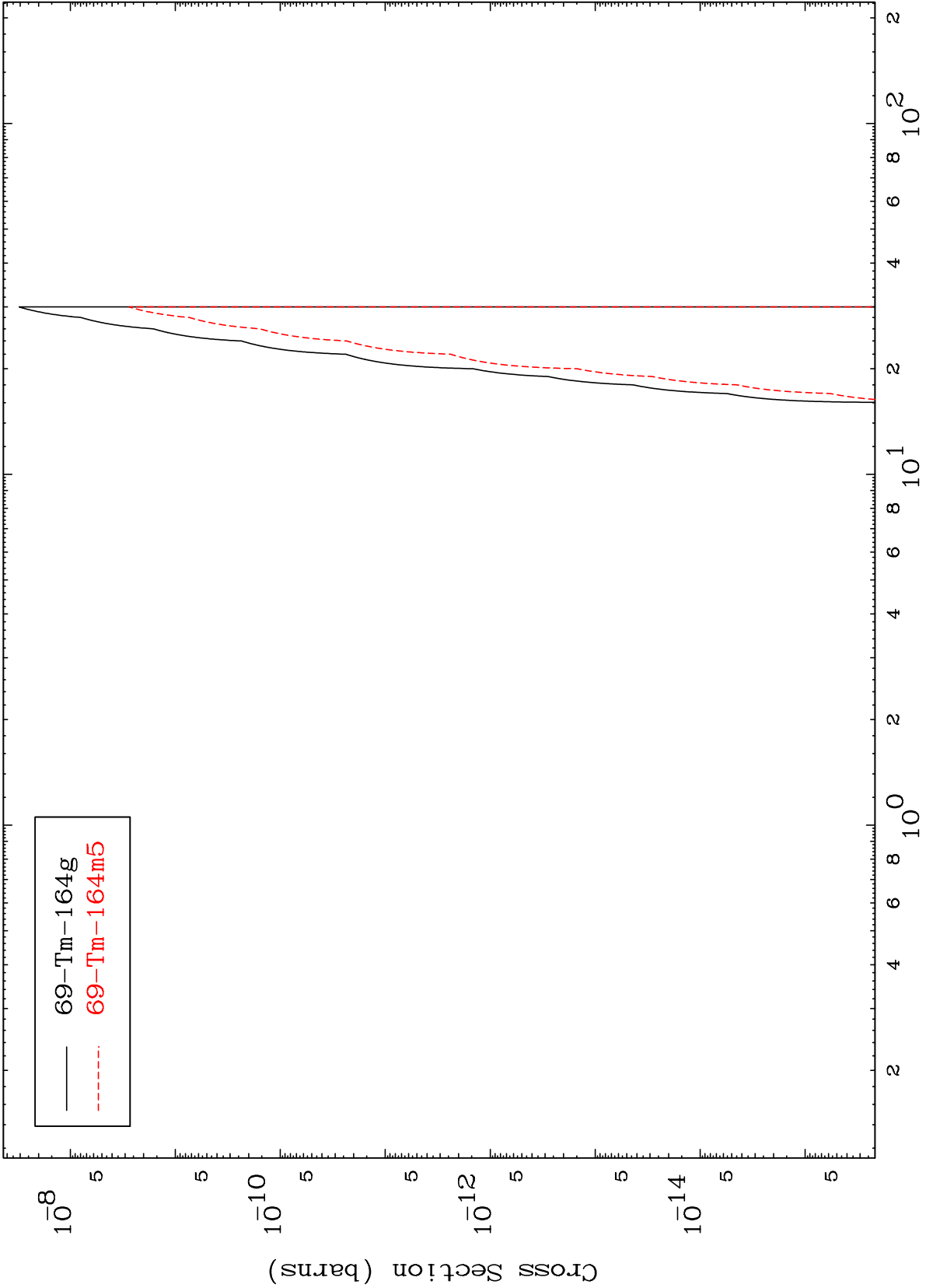
16

MAT 7110

(n,n') 2 $\alpha$

71-Lu-170

Radionuclide Production Cross Section



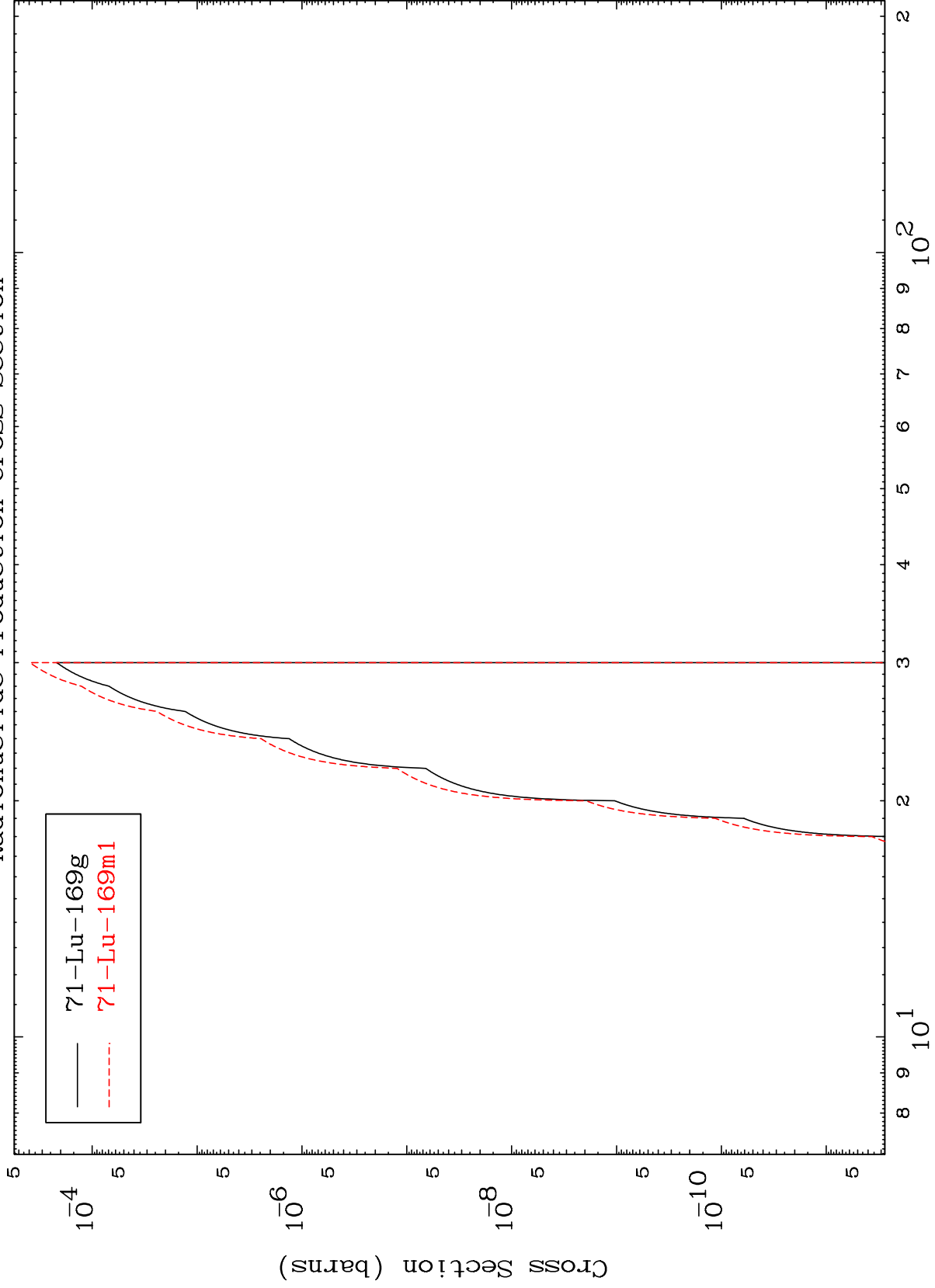
— 69-Tm-164g  
- - - 69-Tm-164m5

MAT 7110

(n,n') He-3

71-Lu-170

Radionuclide Production Cross Section



18

Incident Energy (MeV)

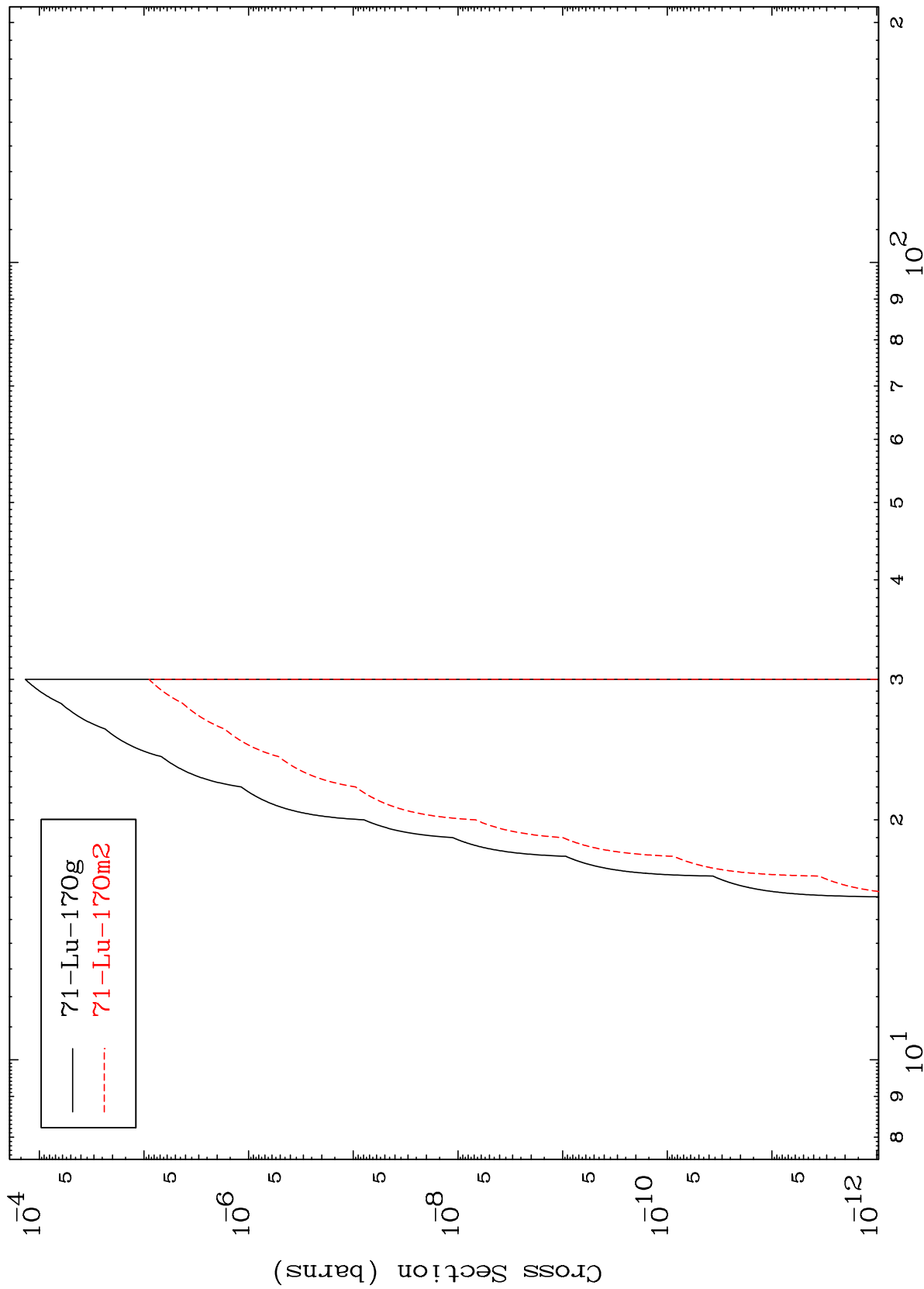
71-Lu-170

MAT 7110

(n,2n) p

<sup>71</sup>Lu-170

Radionuclide Production Cross Section



19

Incident Energy (MeV)

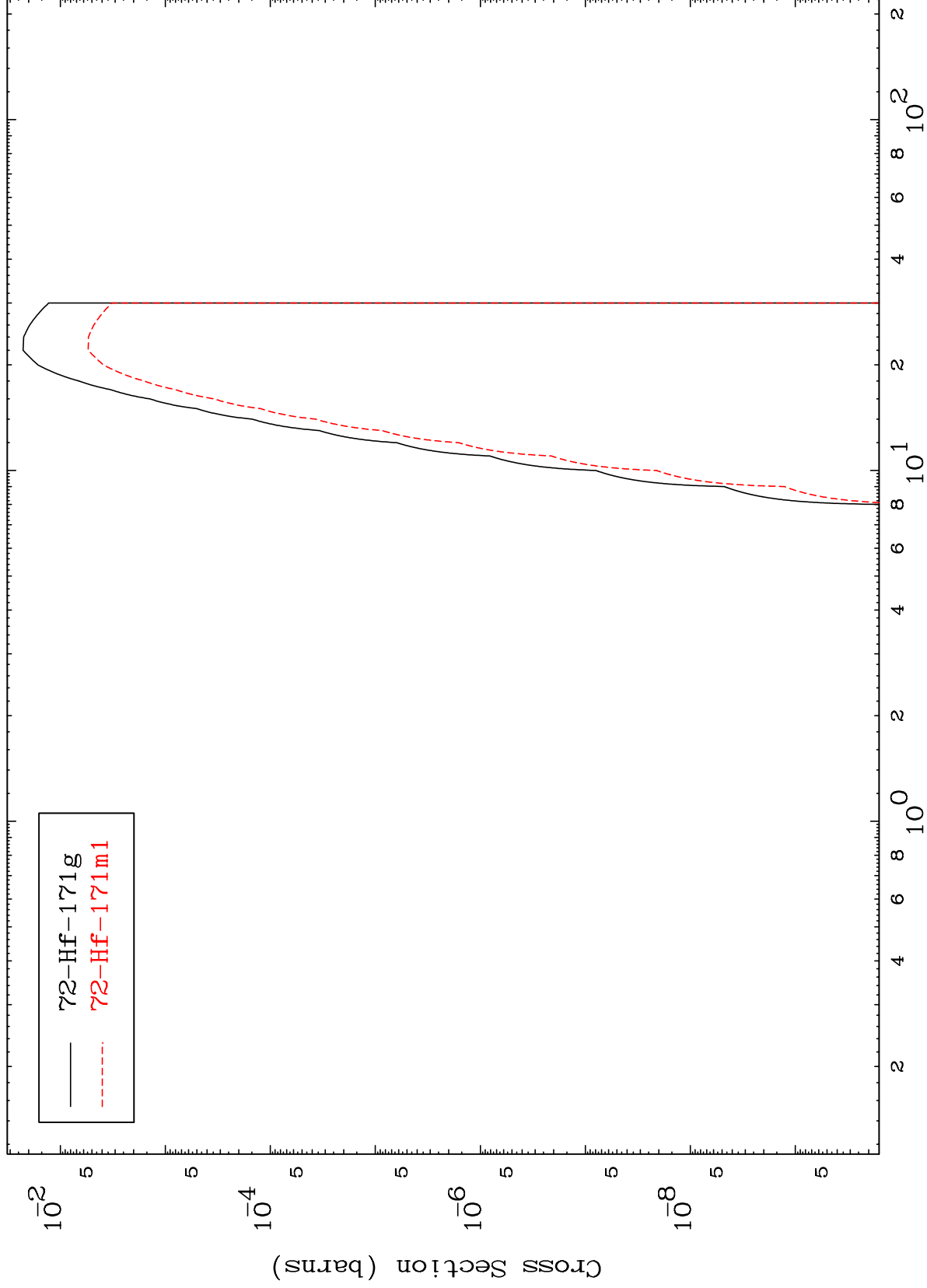
<sup>71</sup>Lu-170

MAT 7110

(n,d)

<sup>71</sup>Lu-170

Radionuclide Production Cross Section



20

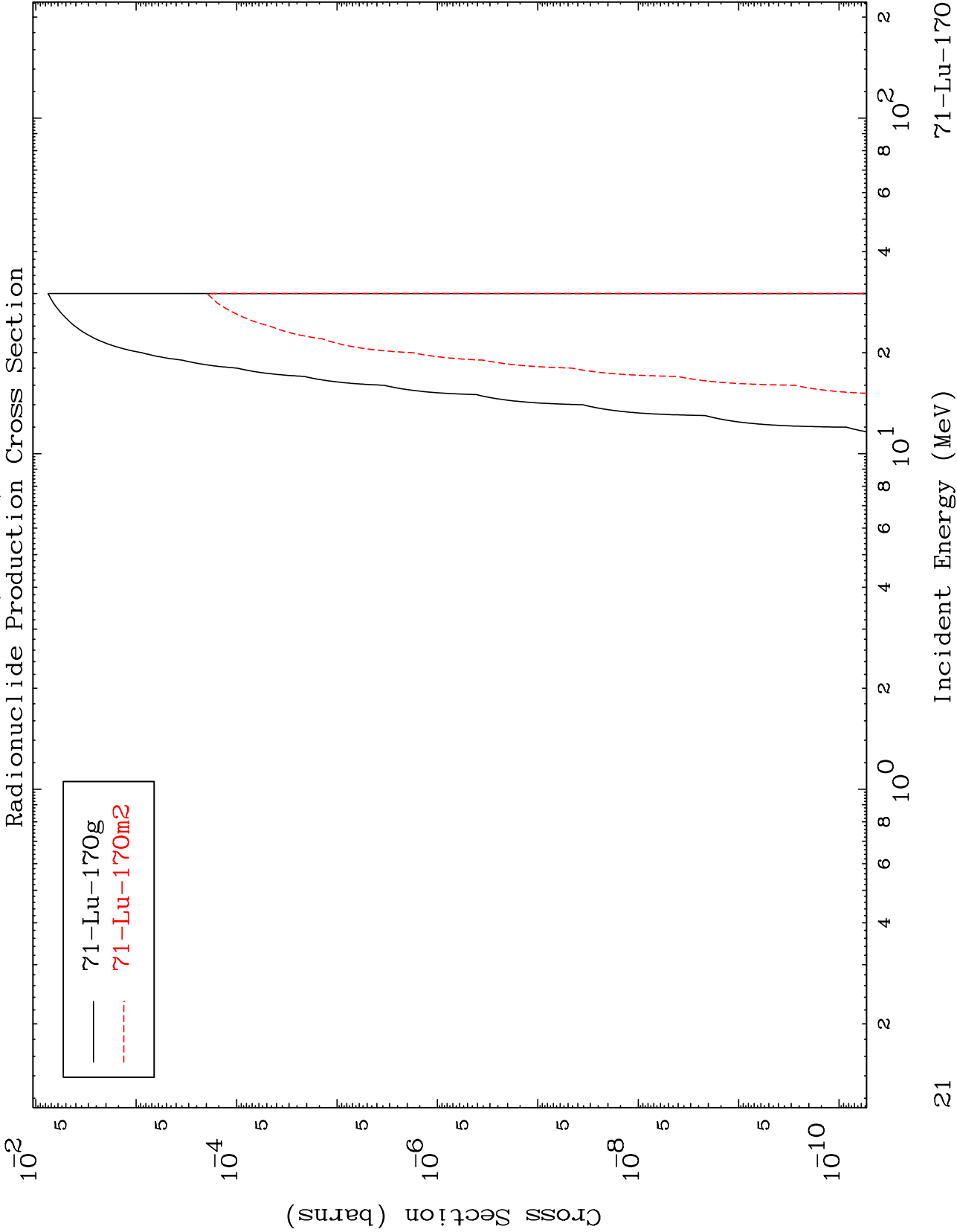
Incident Energy (MeV)

<sup>71</sup>Lu-170

MAT 7110

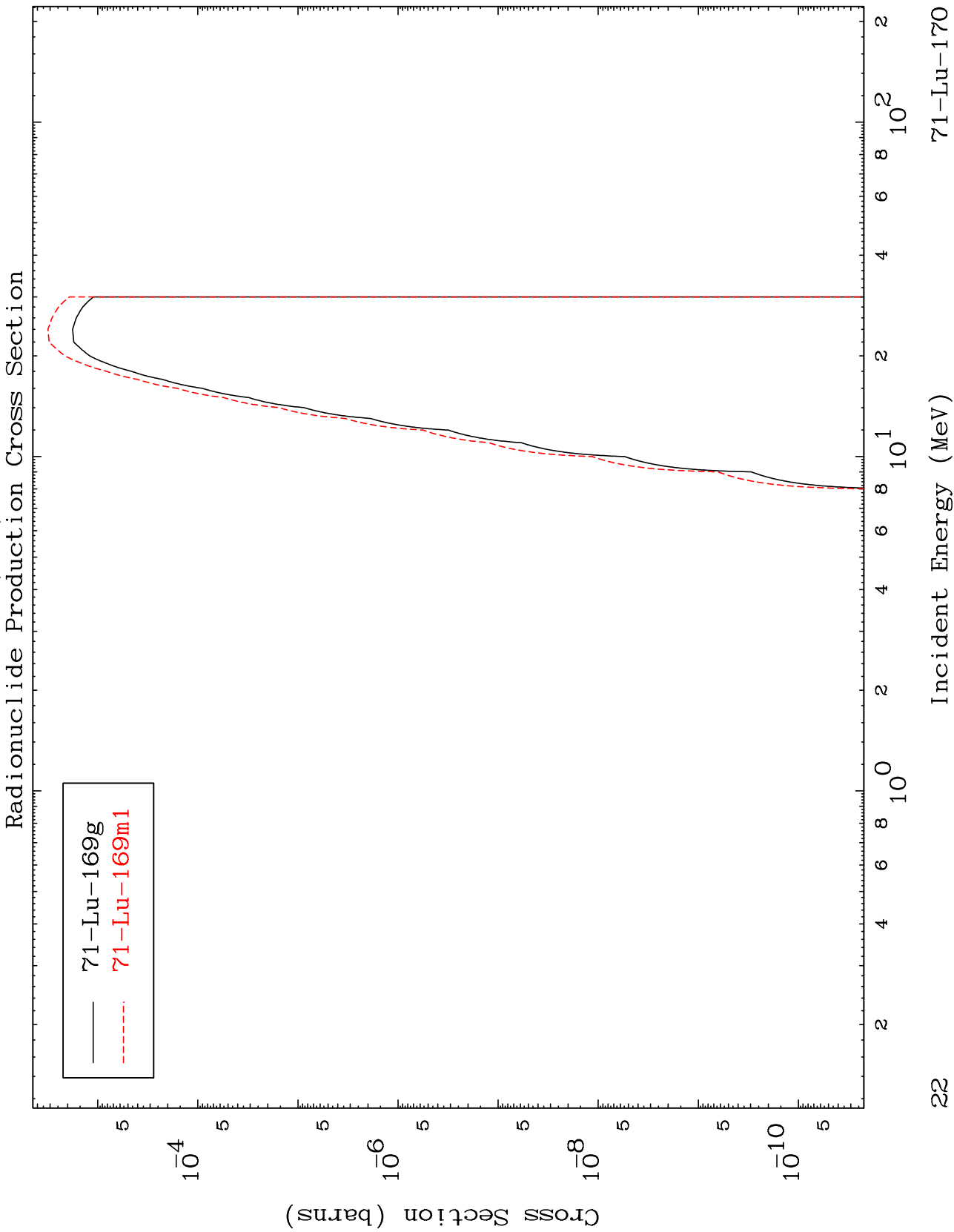
(n,He-3)

<sup>71</sup>Lu-170



MAT 7110

<sup>71</sup>Lu-170

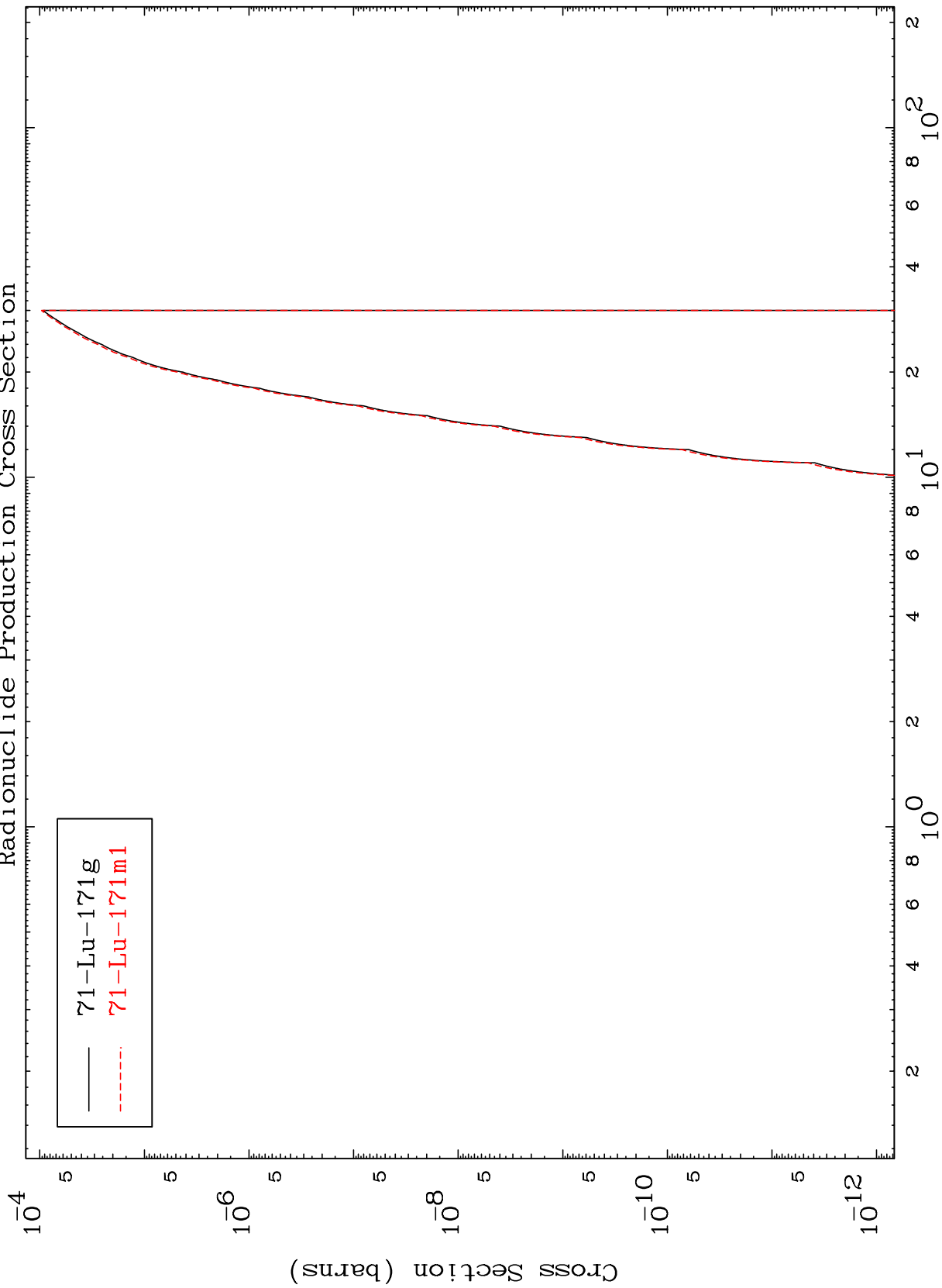


— <sup>71</sup>Lu-169g  
- - - <sup>71</sup>Lu-169m1

MAT 7110

71-Lu-170

Radionuclide Production Cross Section  
(n,2p)



Incident Energy (MeV)

71-Lu-170

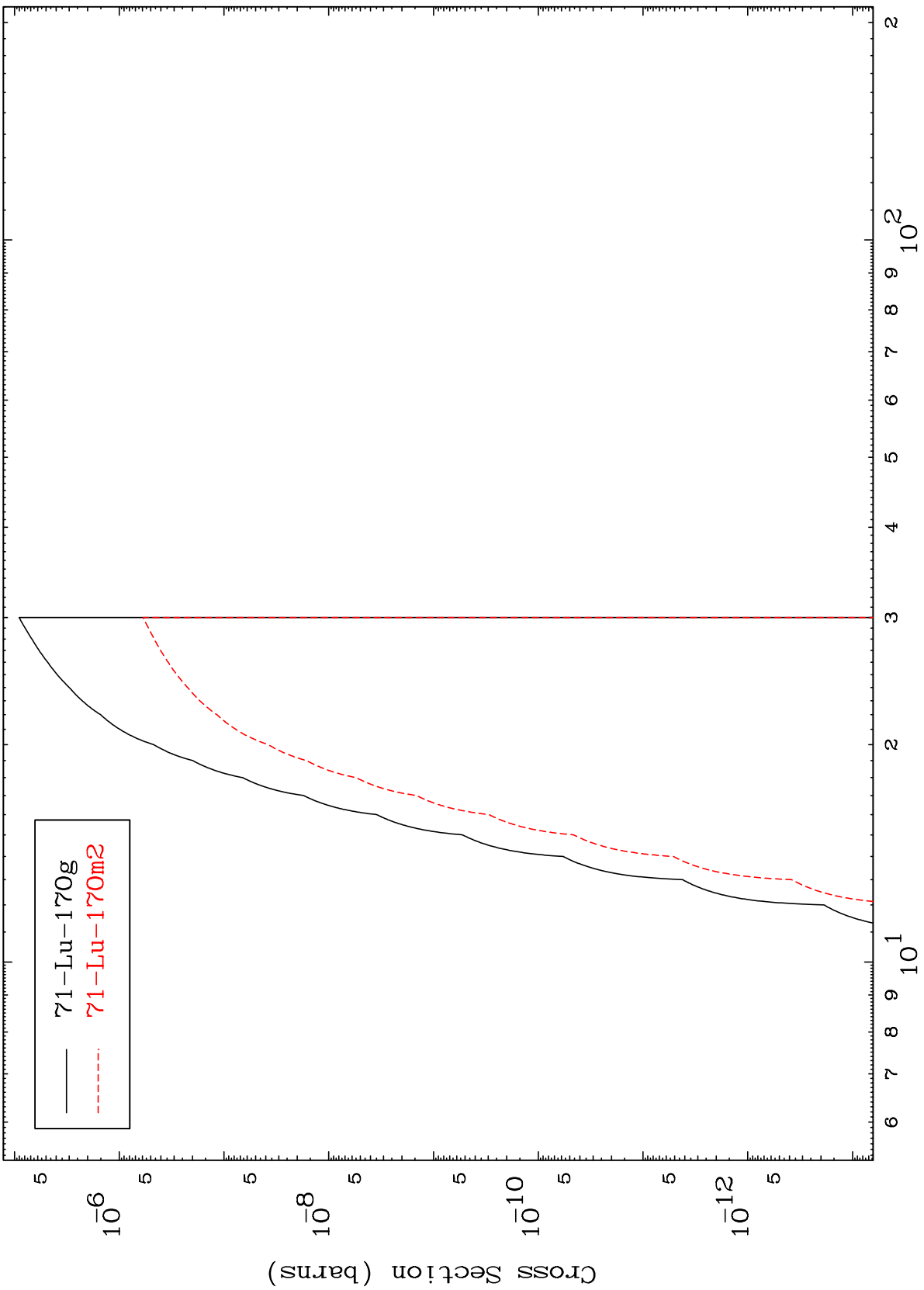
23

MAT 7110

(n,p) d

<sup>71</sup>Lu-170

Radionuclide Production Cross Section



— <sup>71</sup>Lu-170g  
- - - <sup>71</sup>Lu-170m2

24

Incident Energy (MeV)

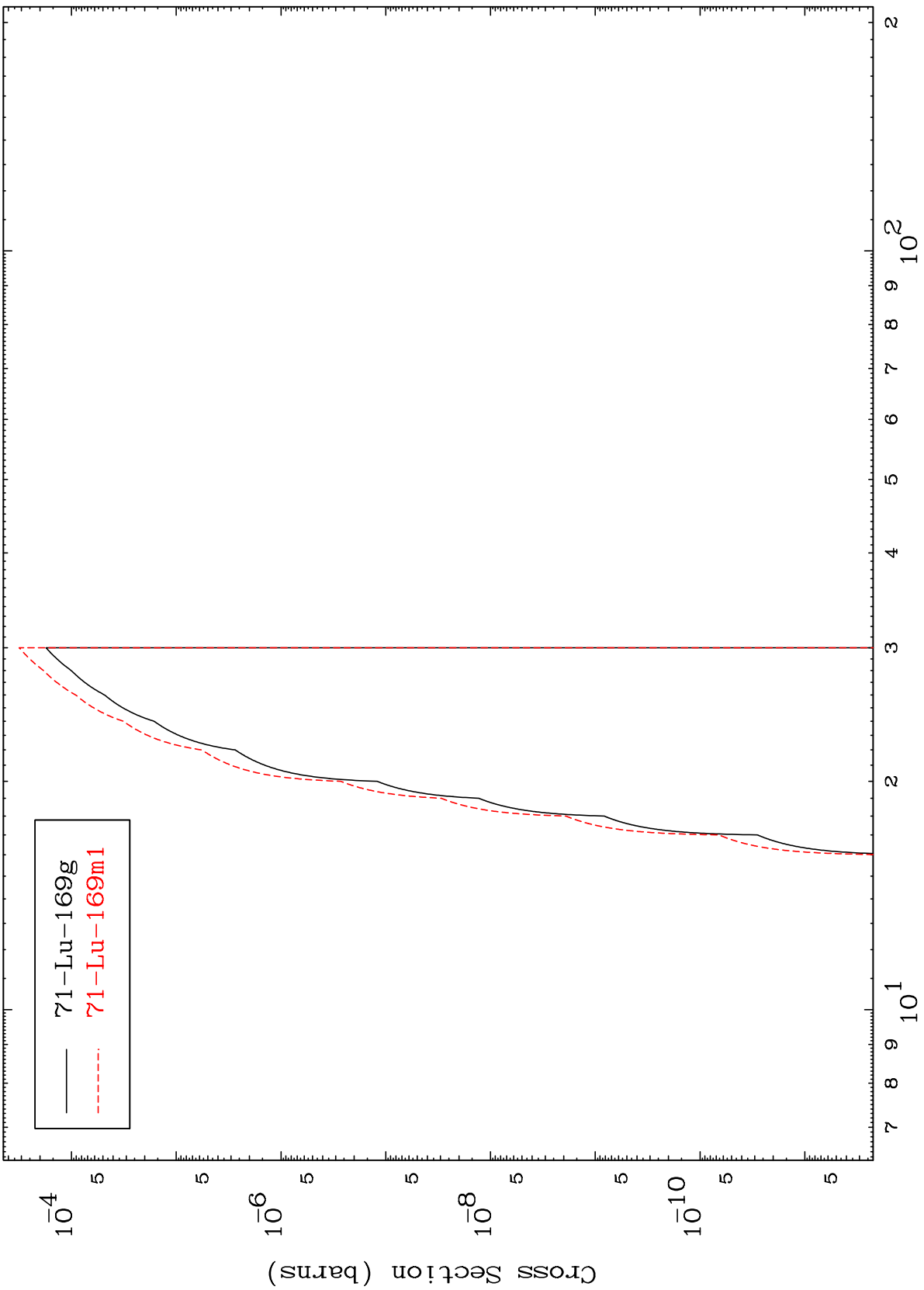
<sup>71</sup>Lu-170

MAT 7110

(n,p) t

71-Lu-170

Radionuclide Production Cross Section



71-Lu-169g  
71-Lu-169m1

25

Incident Energy (MeV)

71-Lu-170