

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

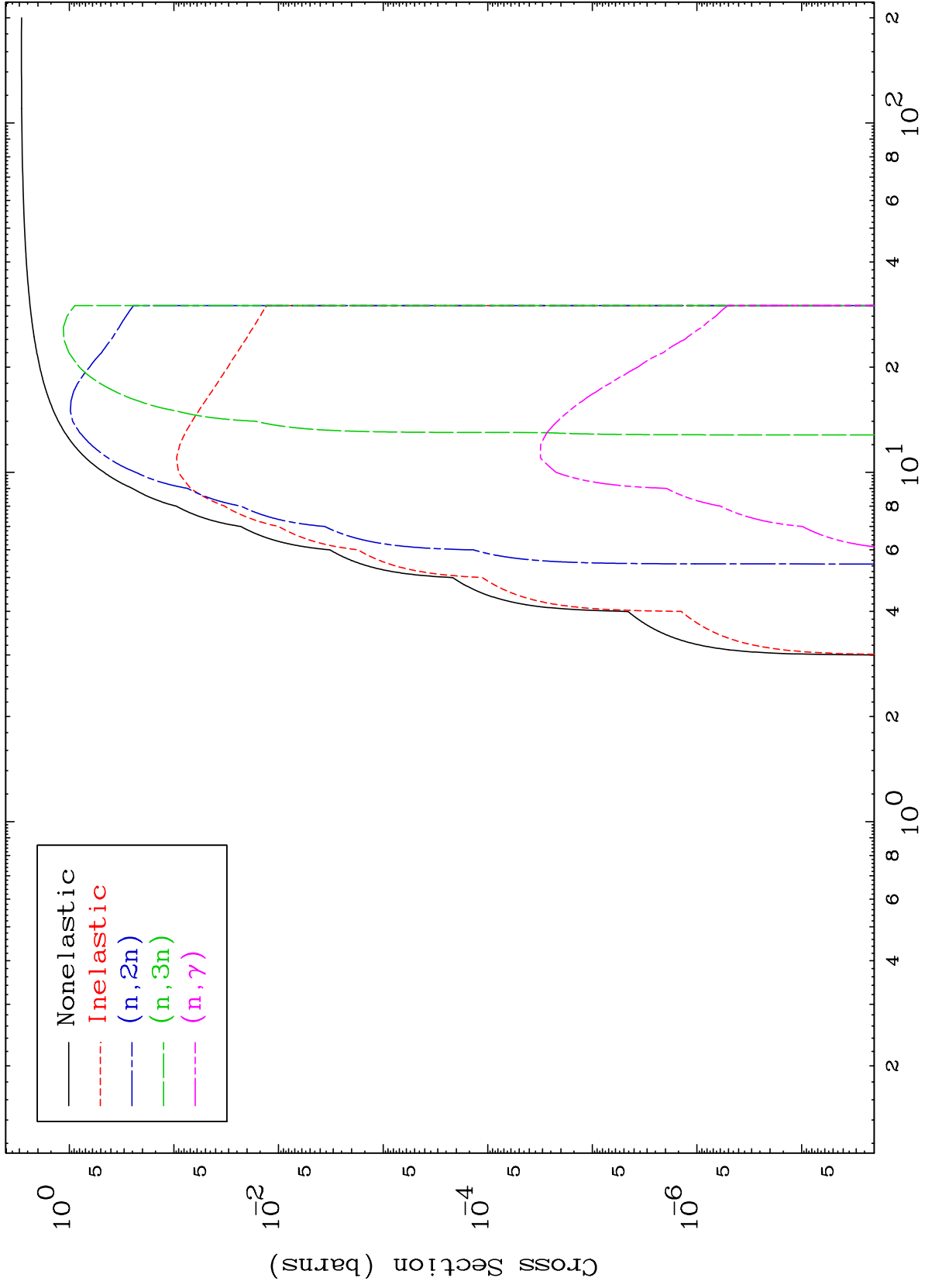
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Web:redcullen1.net/HOMEPAGE.NEW

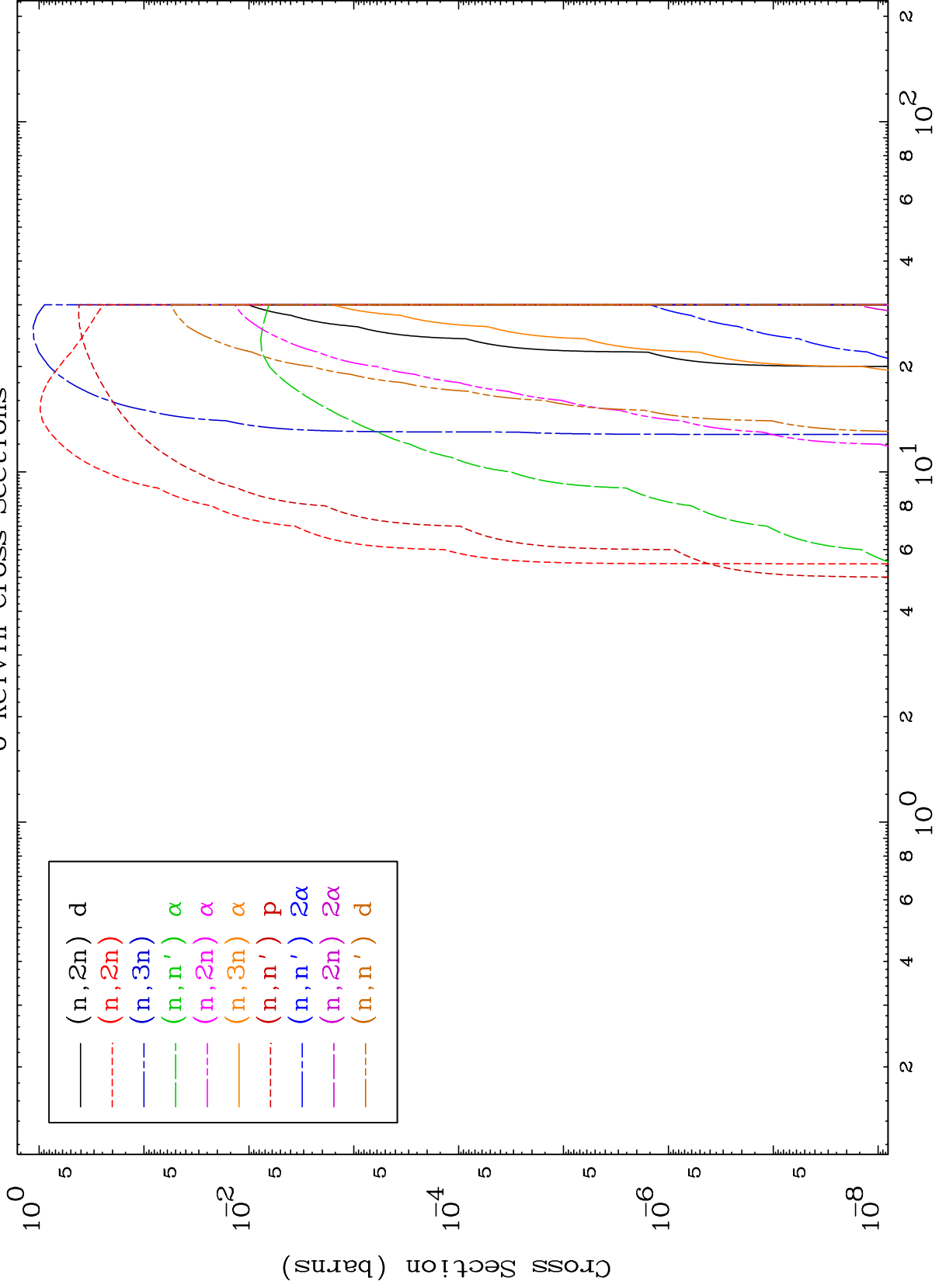
Press Mouse Button to Start

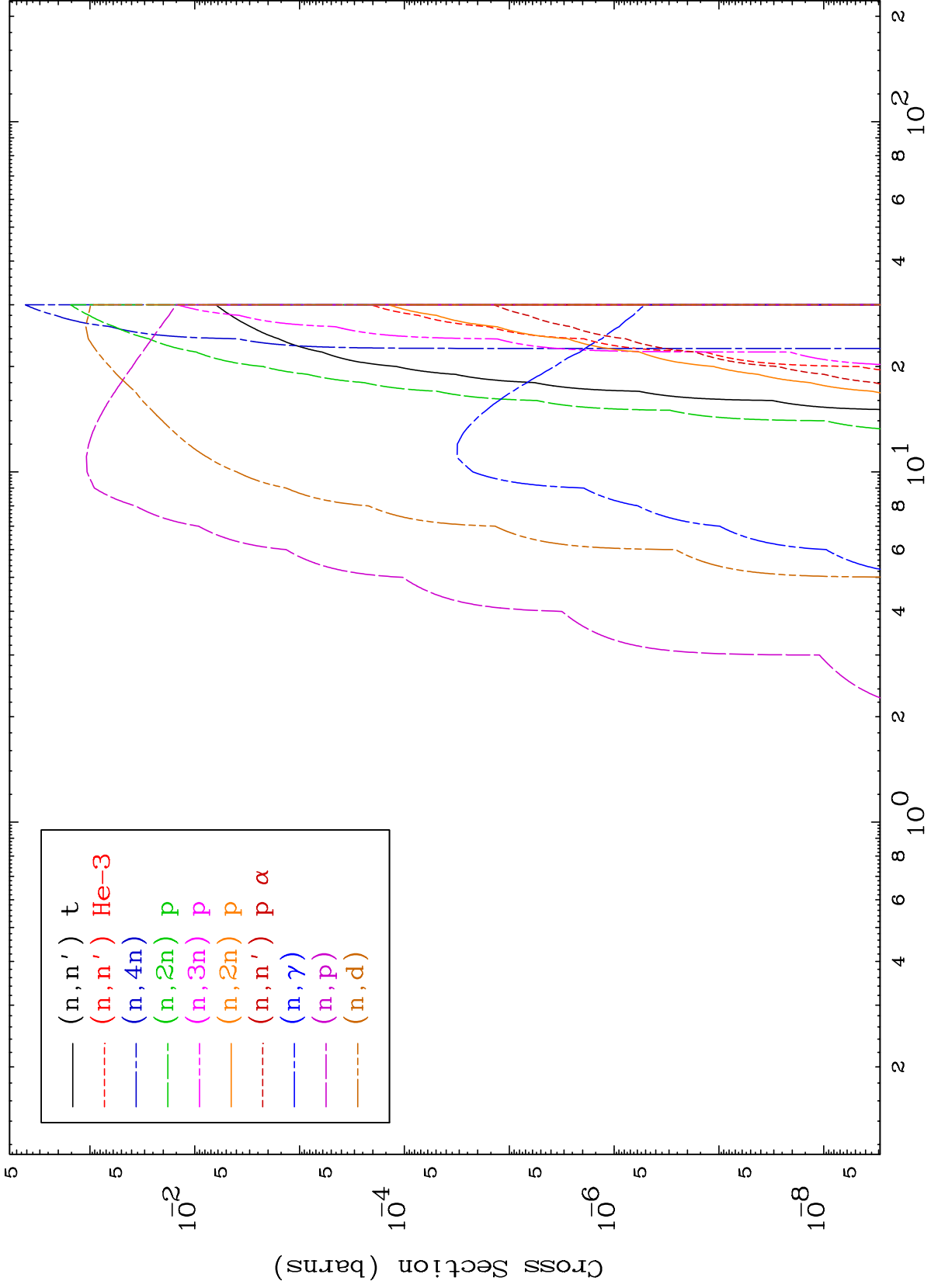


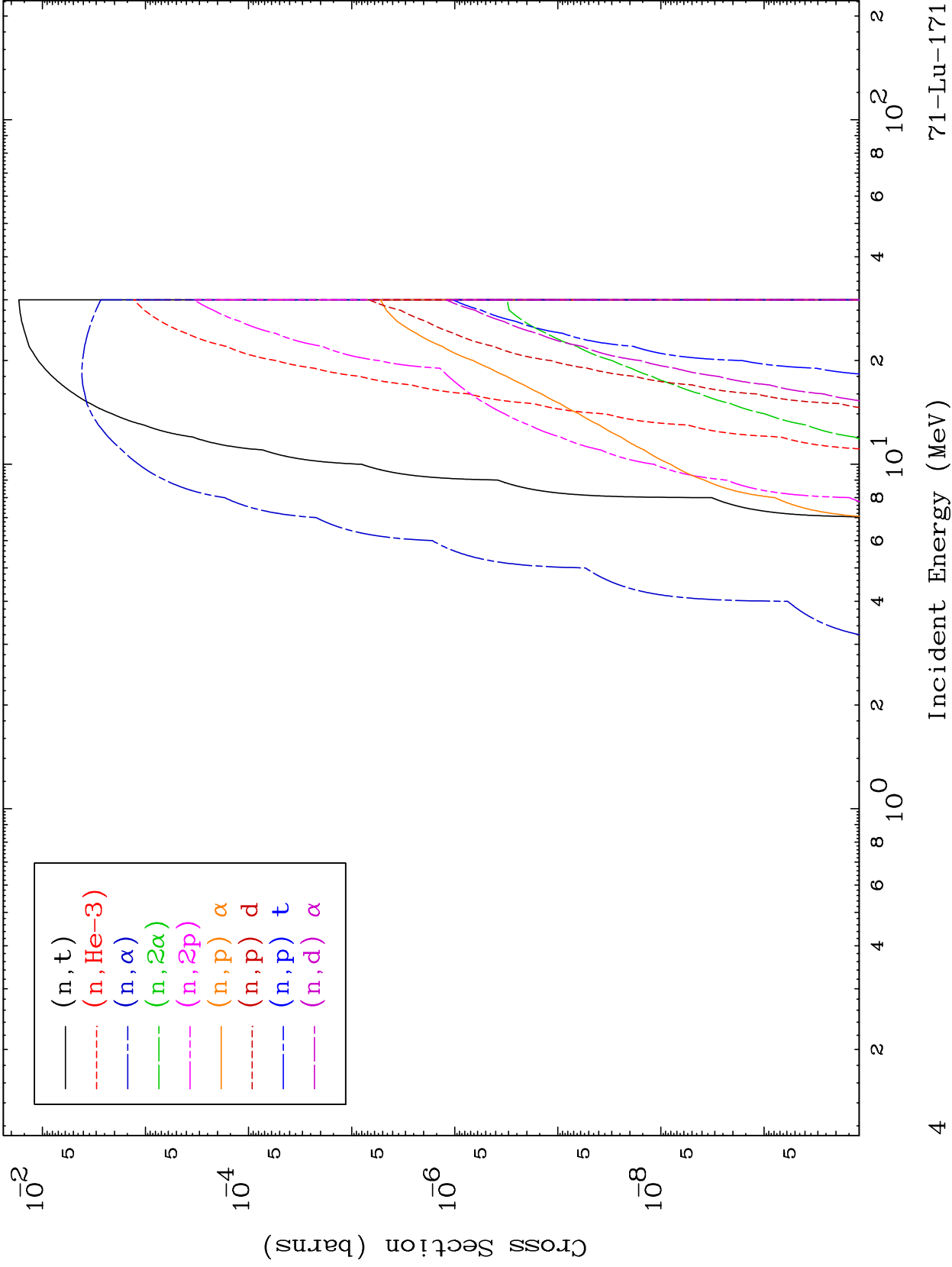
MAT 7113

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

71-Lu-171



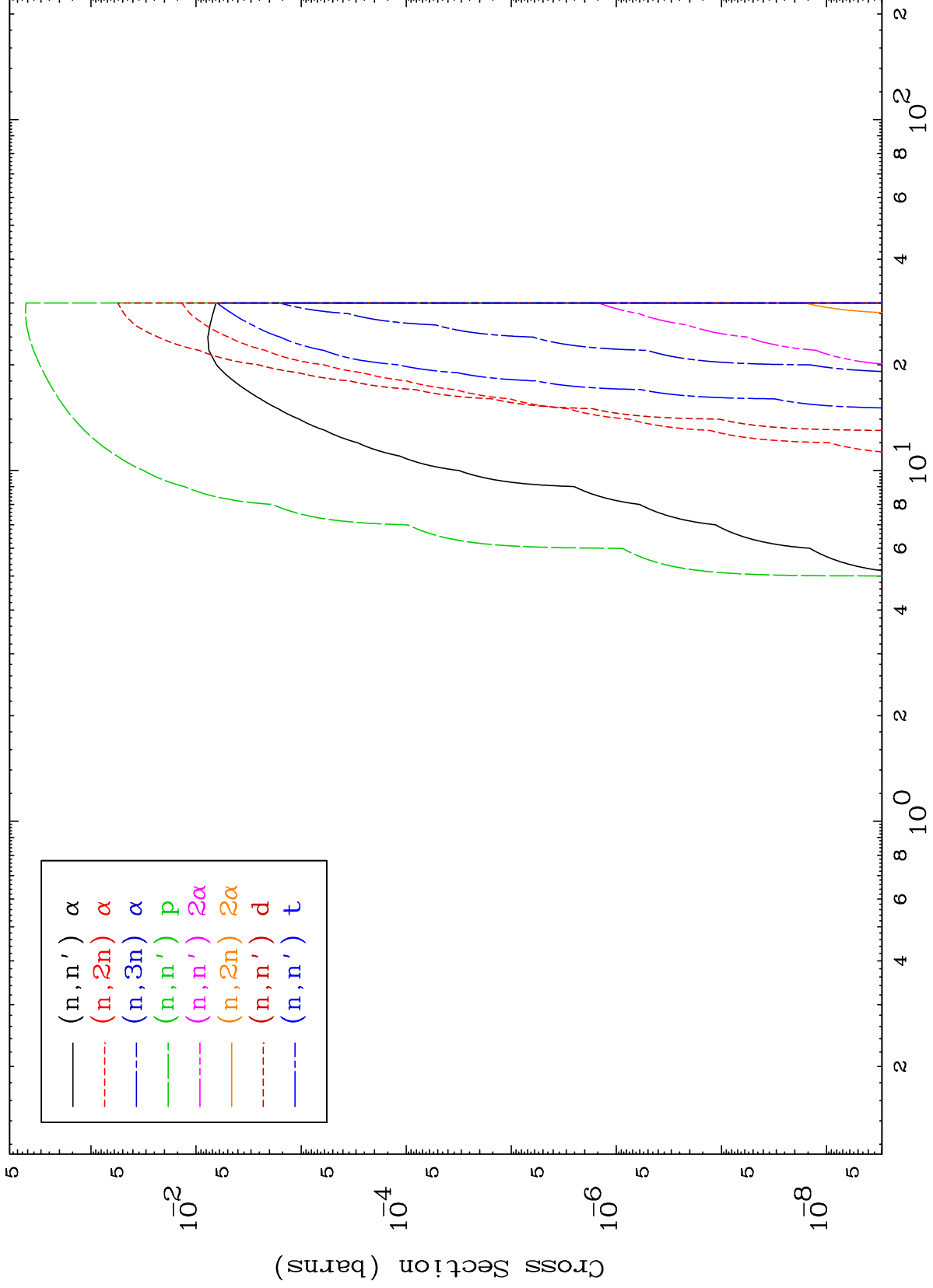




MAT 7113

Deuteron Charged Particle  
0 Kelvin Cross Sections

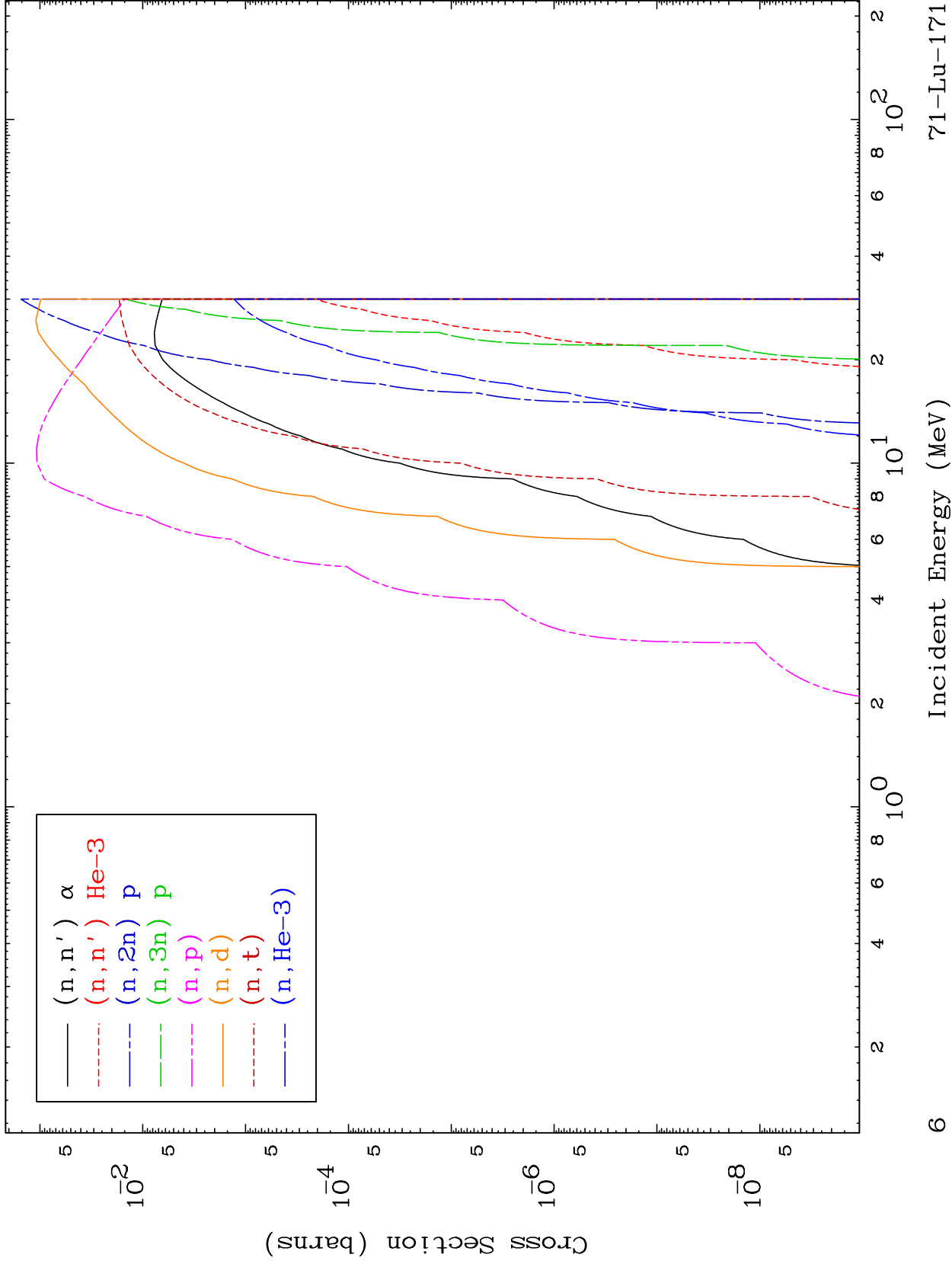
71-Lu-171

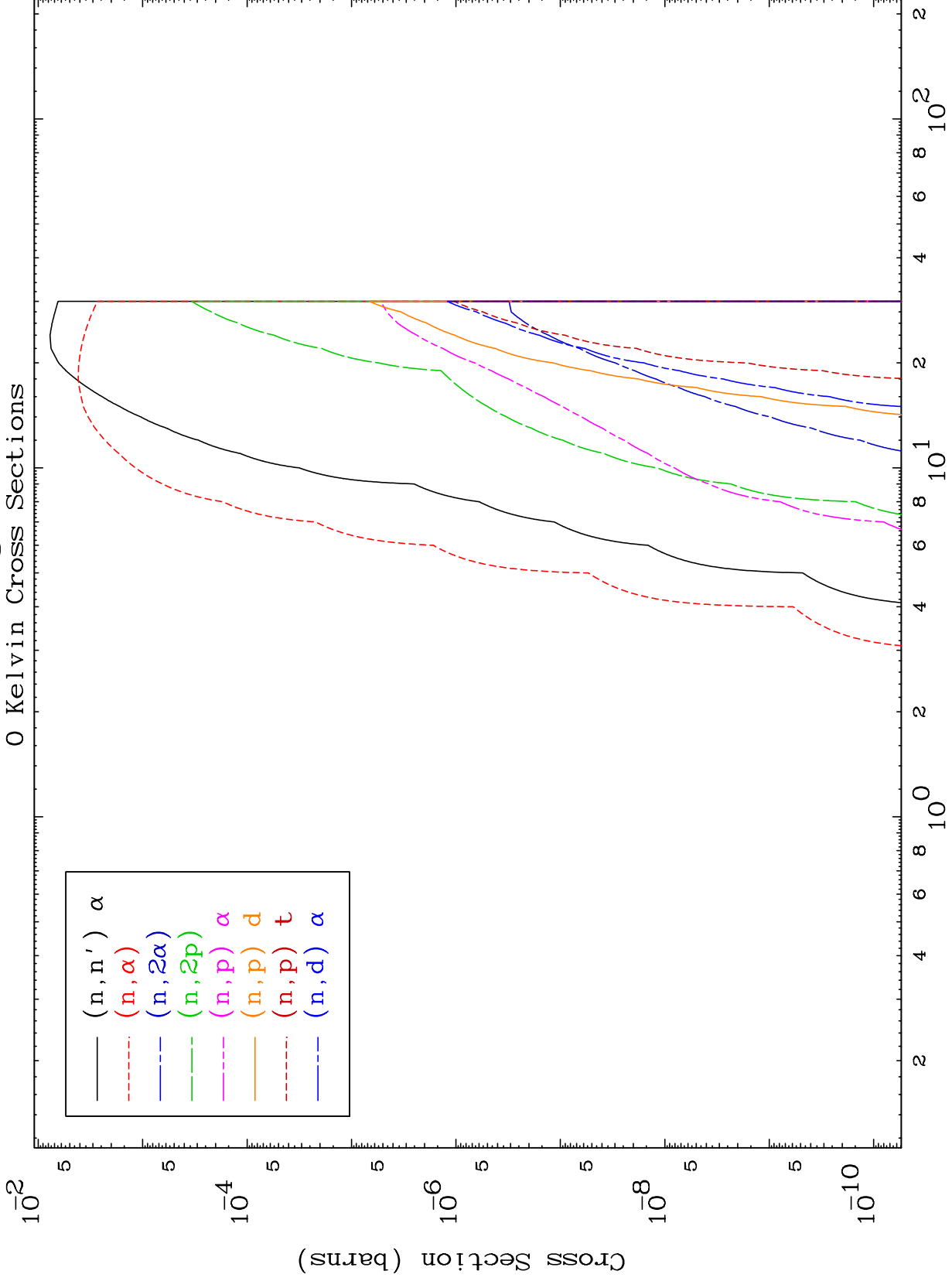


5

Incident Energy (MeV)

71-Lu-171



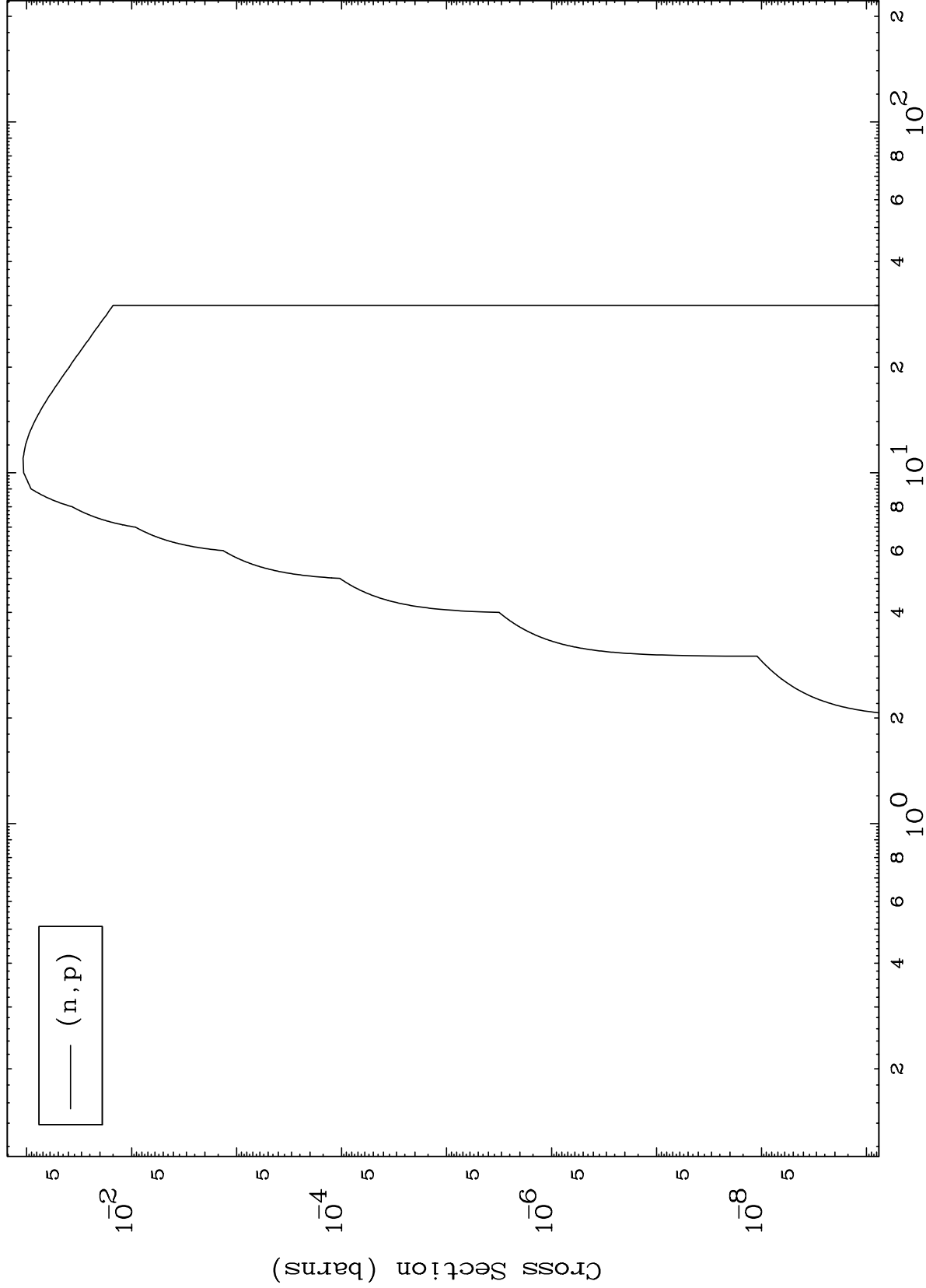


MAT 7113

(d,p) Levels

71-Lu-171

0 Kelvin Cross Sections

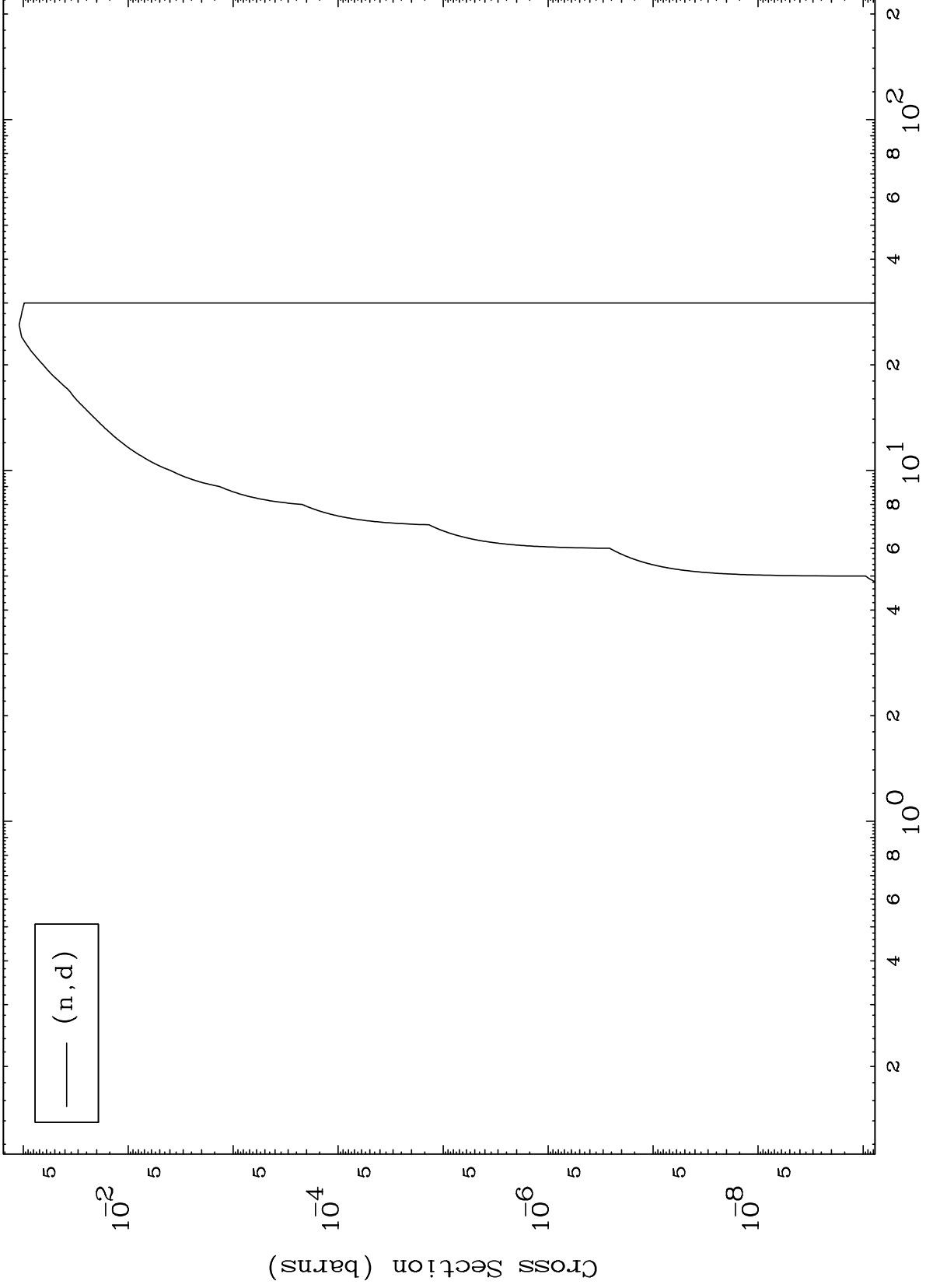


MAT 7113

(d,d) Levels

71-Lu-171

0 Kelvin Cross Sections

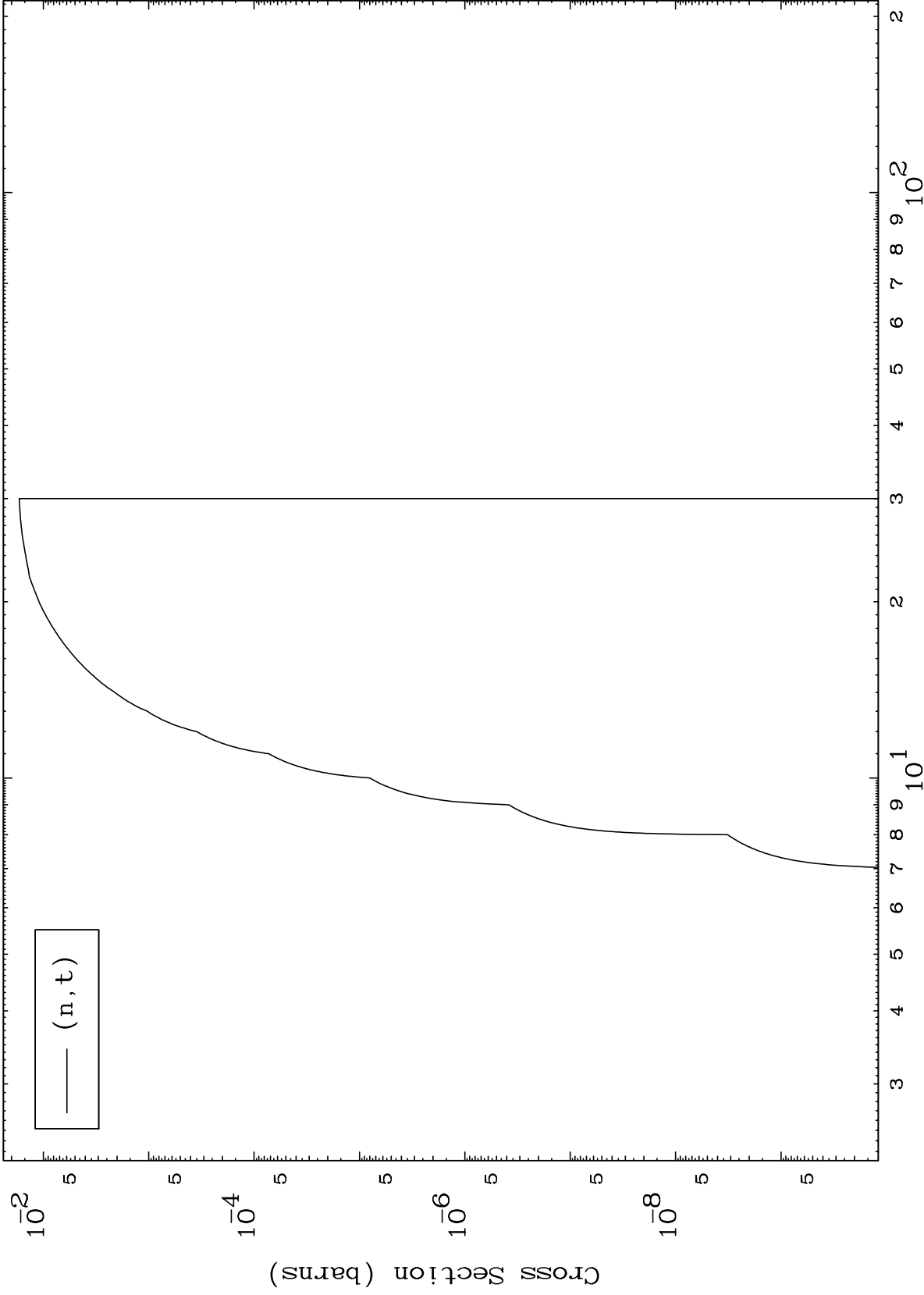


MAT 7113

(d,t) Levels

71-Lu-171

0 Kelvin Cross Sections



10

Incident Energy (MeV)

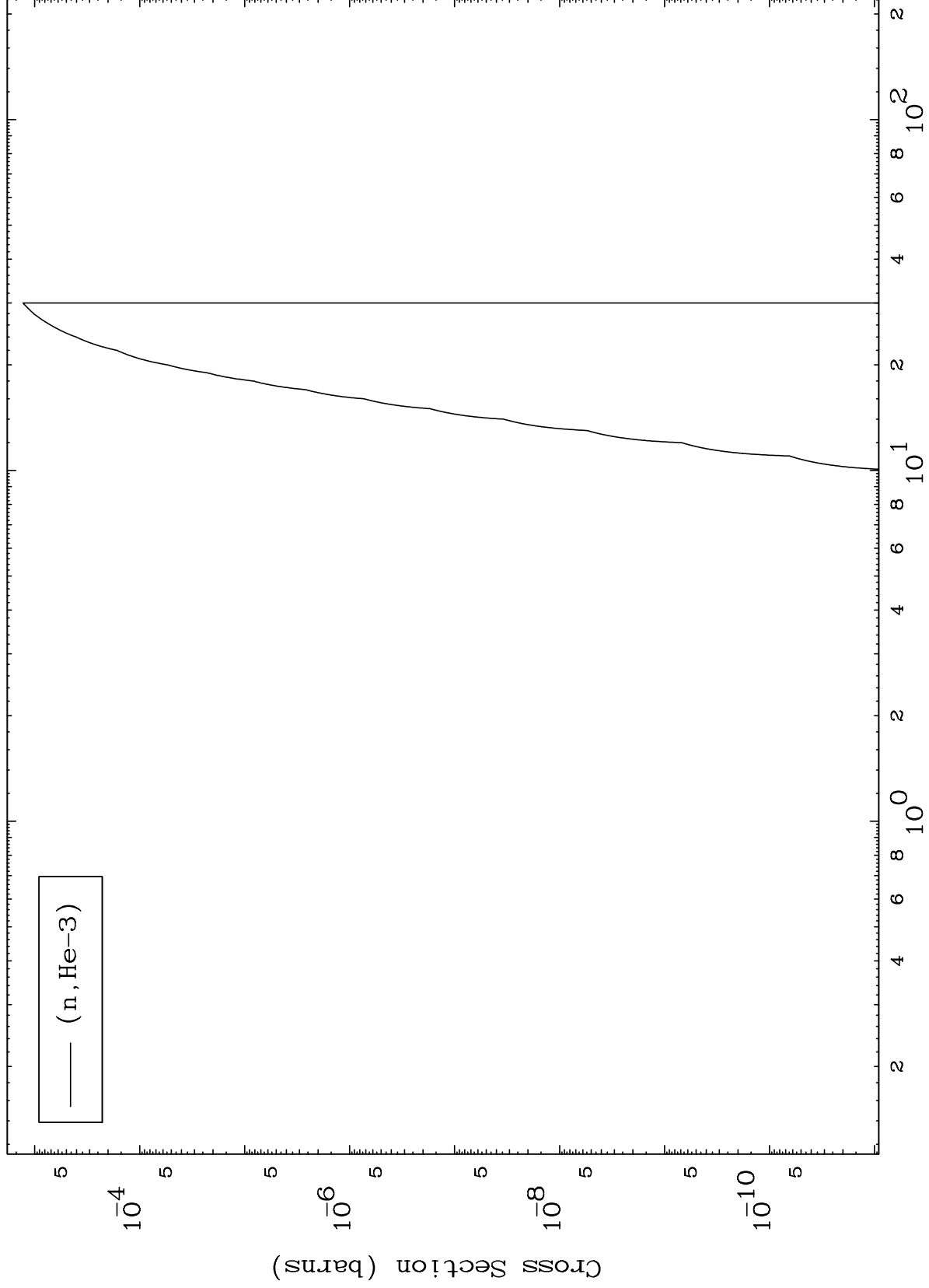
71-Lu-171

MAT 7113

(d,He3) Levels

71-Lu-171

0 Kelvin Cross Sections



11

Incident Energy (MeV)

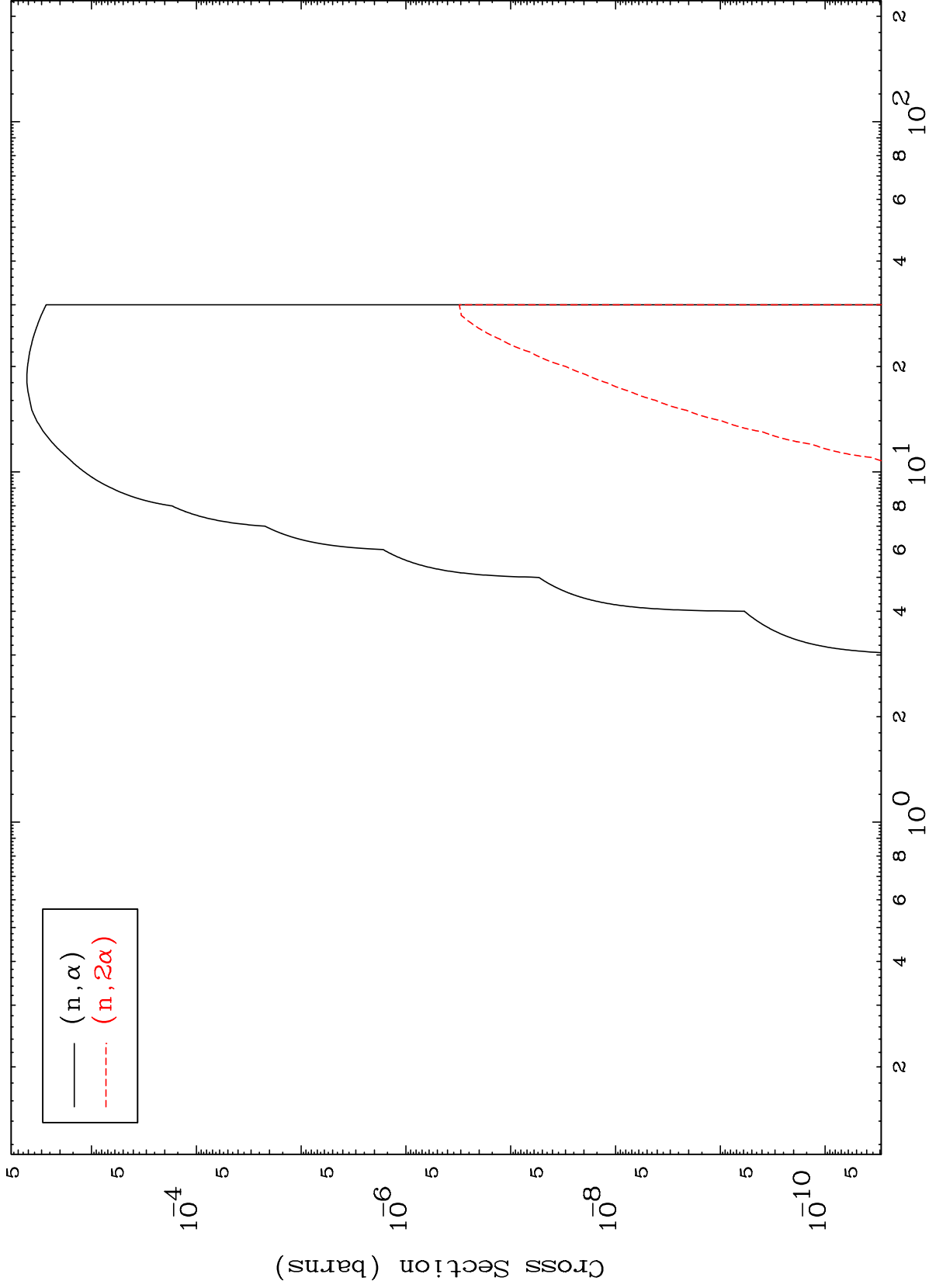
71-Lu-171

MAT 7113

(d,  $\alpha$ ) Levels

71-Lu-171

0 Kelvin Cross Sections



12

Incident Energy (MeV)

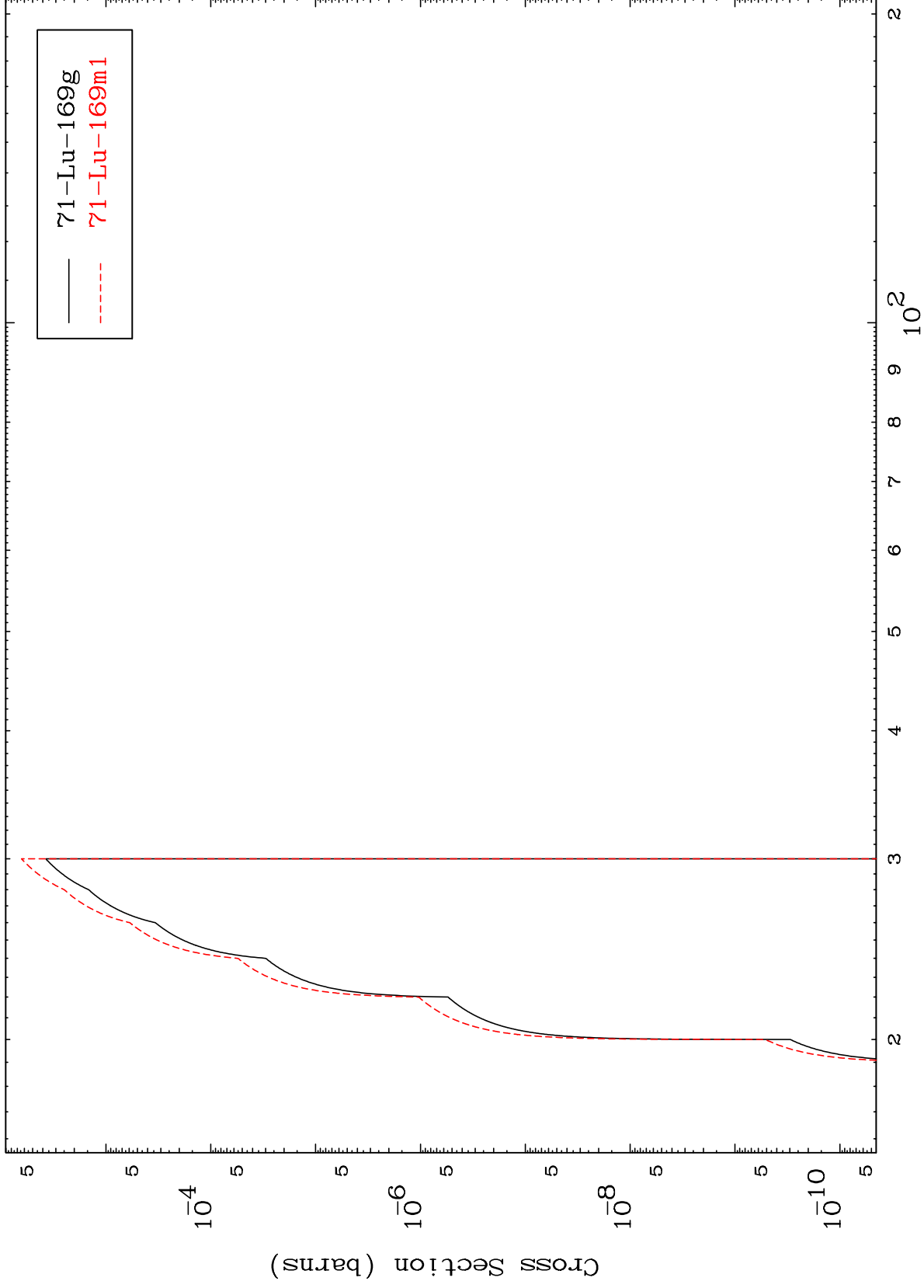
71-Lu-171

MAT 7113

(n,2n) d

71-Lu-171

Radionuclide Production Cross Section



13

Incident Energy (MeV)

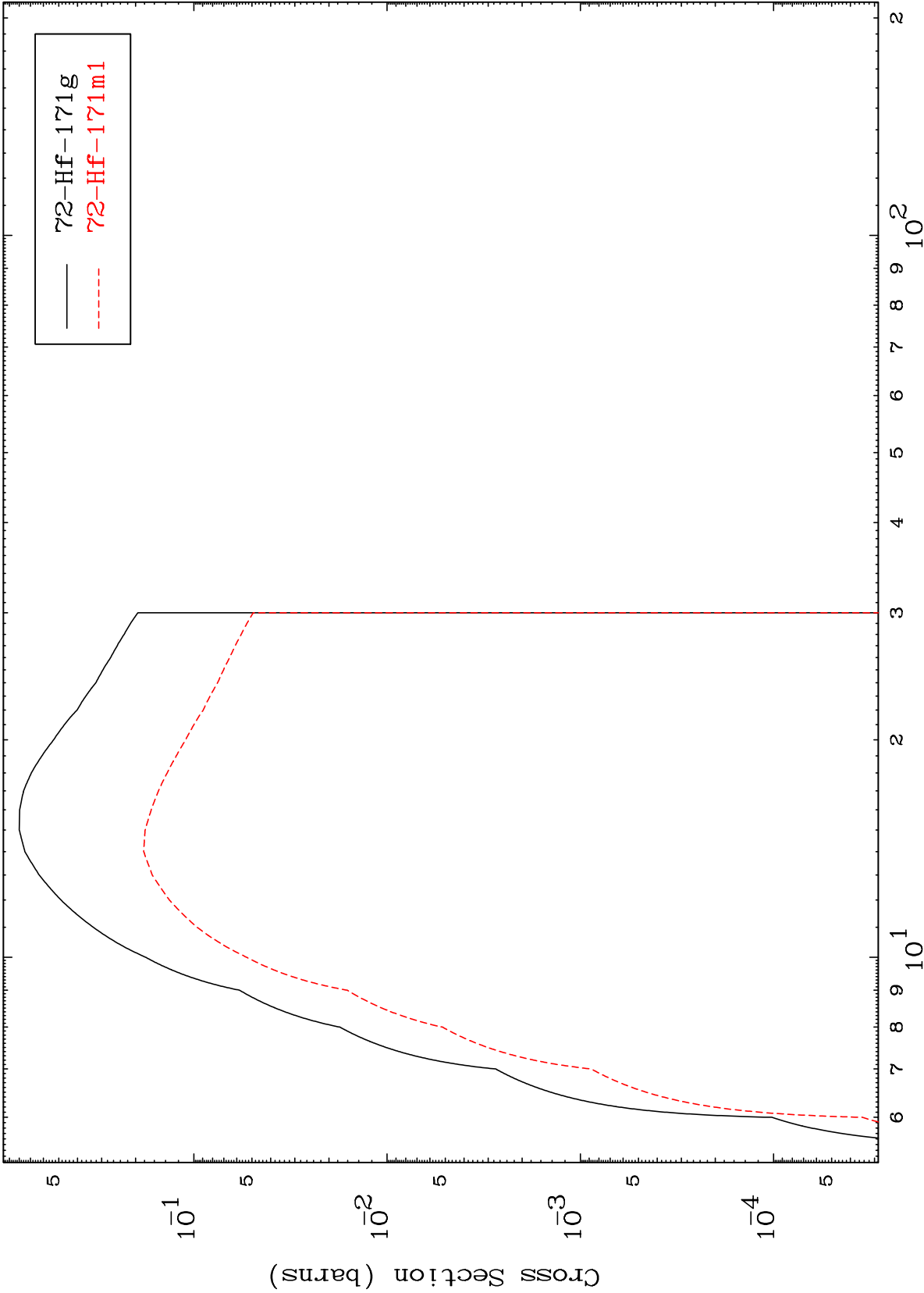
71-Lu-171

MAT 7113

(n,2n)

71-Lu-171

Radionuclide Production Cross Section



14

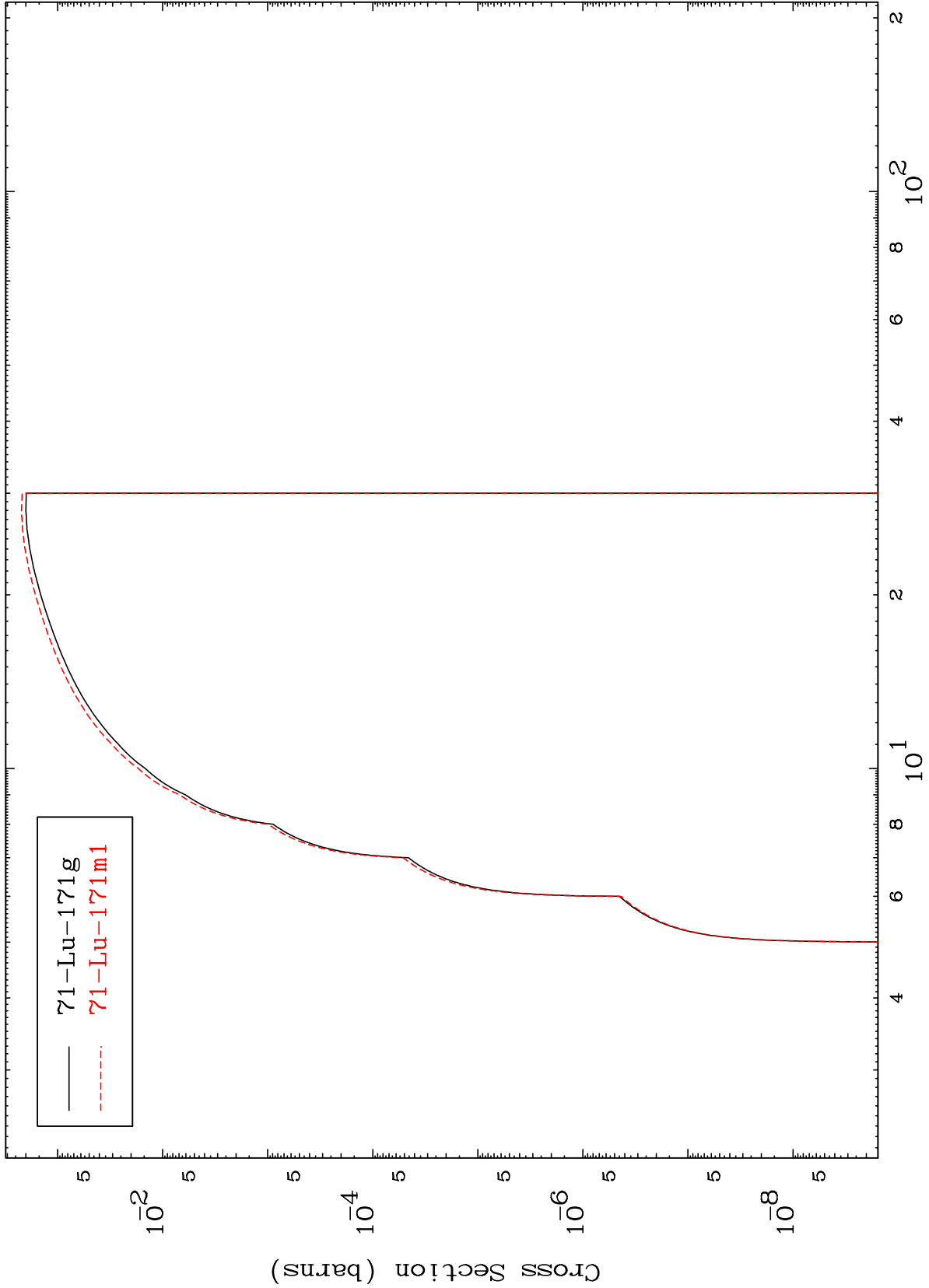
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

Radionuclide Production Cross Section

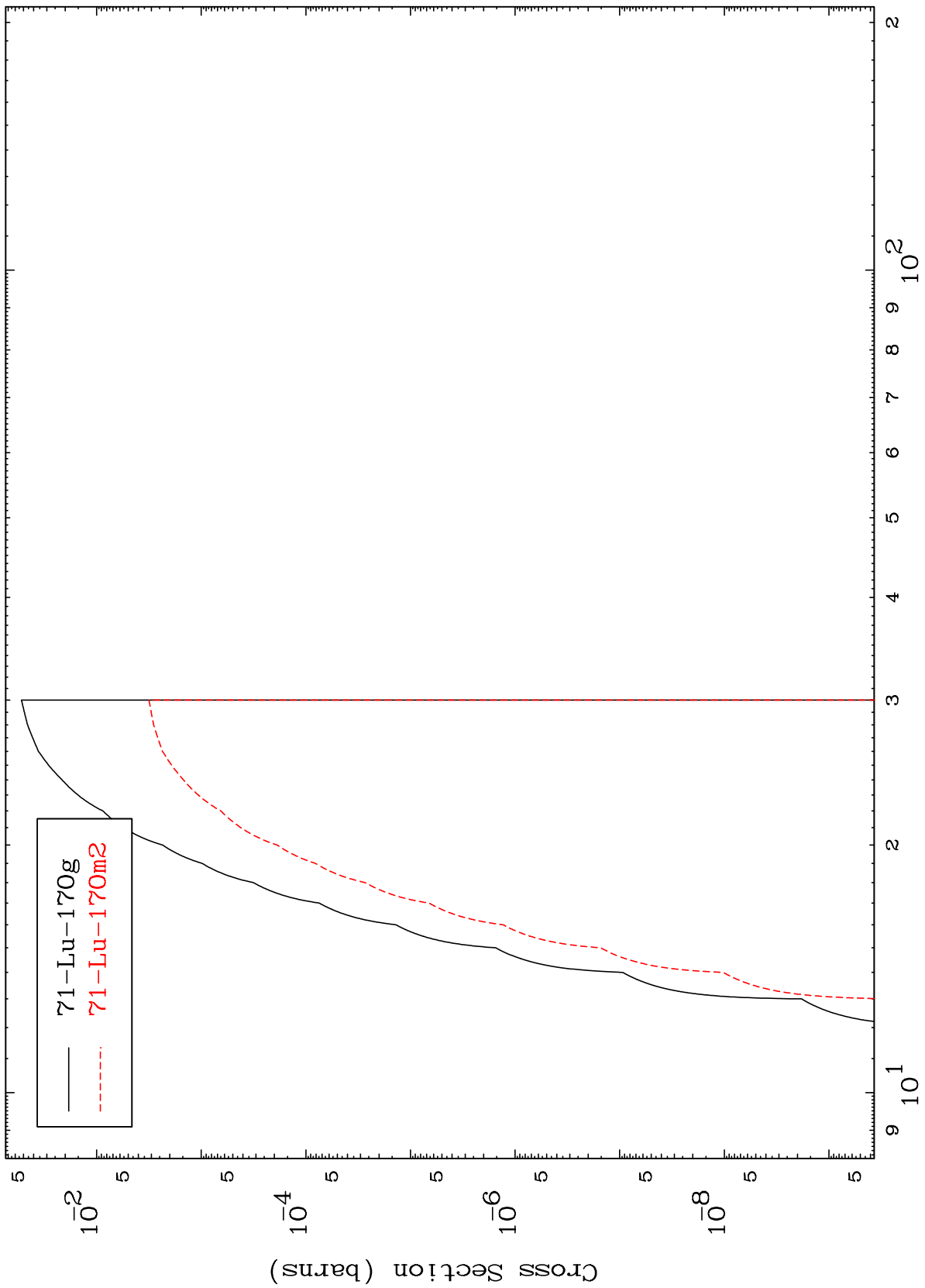


MAT 7113

(n,n') d

<sup>71</sup>Lu-171

Radionuclide Production Cross Section



16

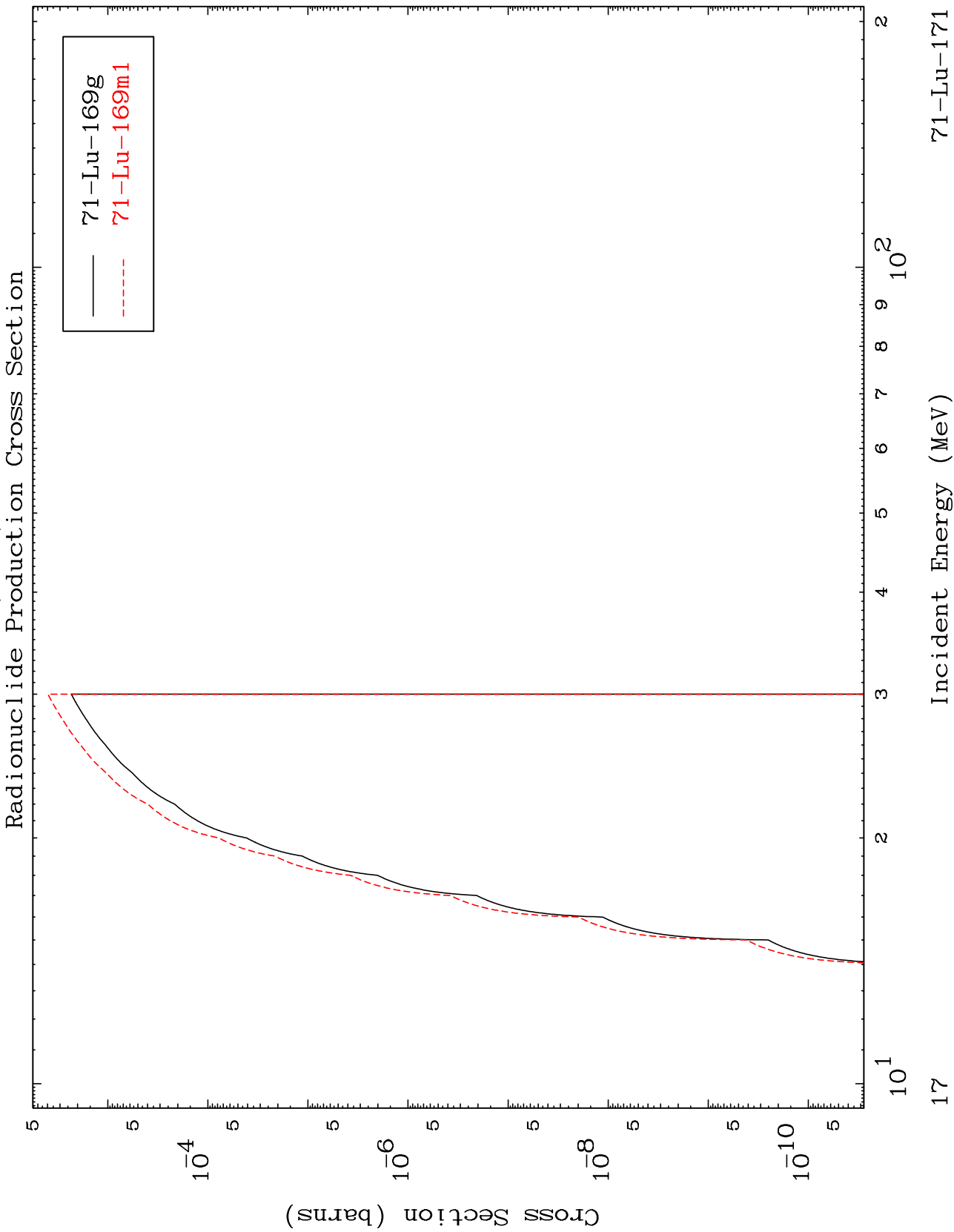
Incident Energy (MeV)

<sup>71</sup>Lu-171

MAT 7113

(n,n') t

71-Lu-171

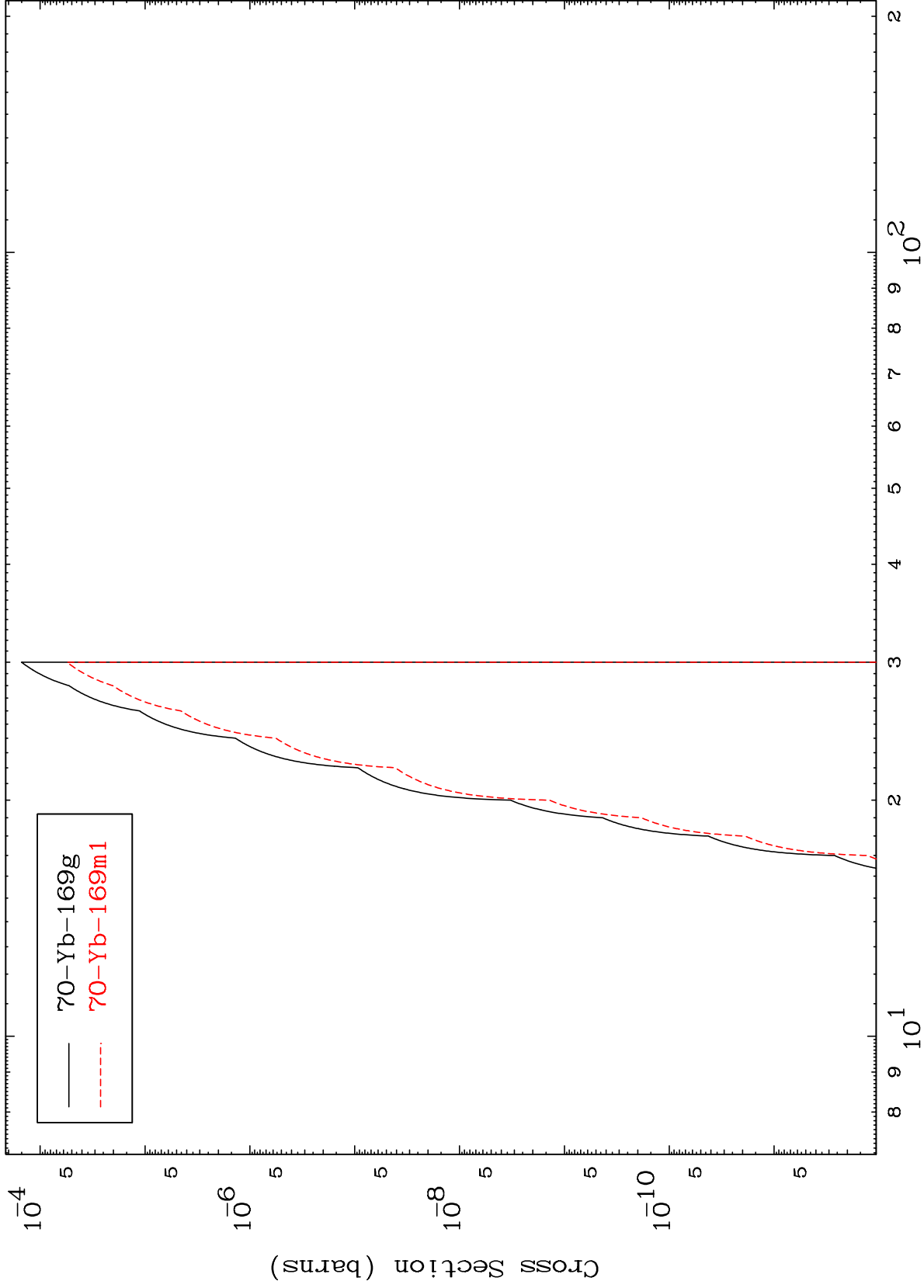


MAT 7113

(n,n') He-3

71-Lu-171

Radionuclide Production Cross Section



18

Incident Energy (MeV)

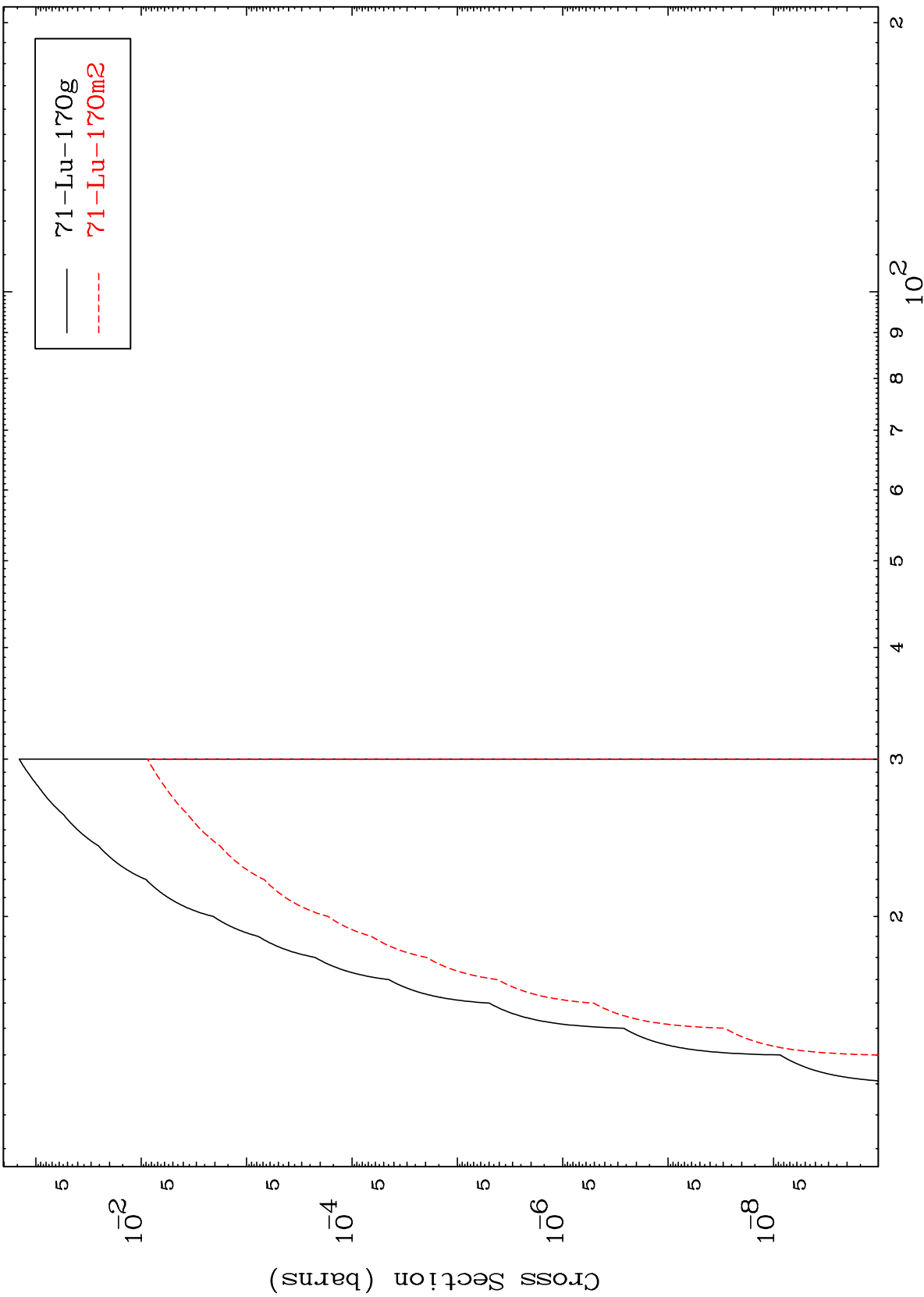
71-Lu-171

MAT 7113

(n,2n) p

71-Lu-171

Radionuclide Production Cross Section



19

Incident Energy (MeV)

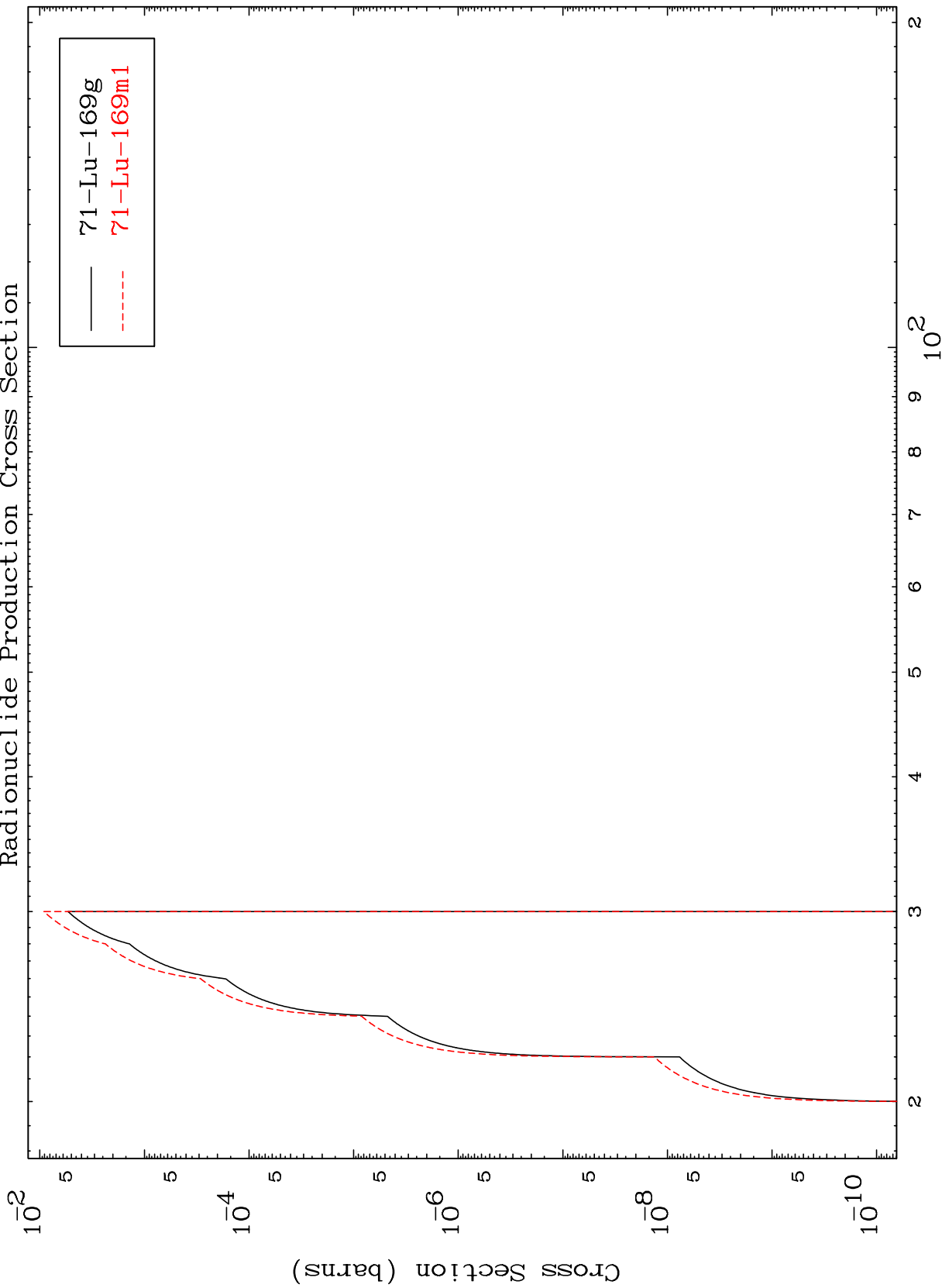
71-Lu-171

MAT 7113

(n,3n) p

71-Lu-171

Radionuclide Production Cross Section



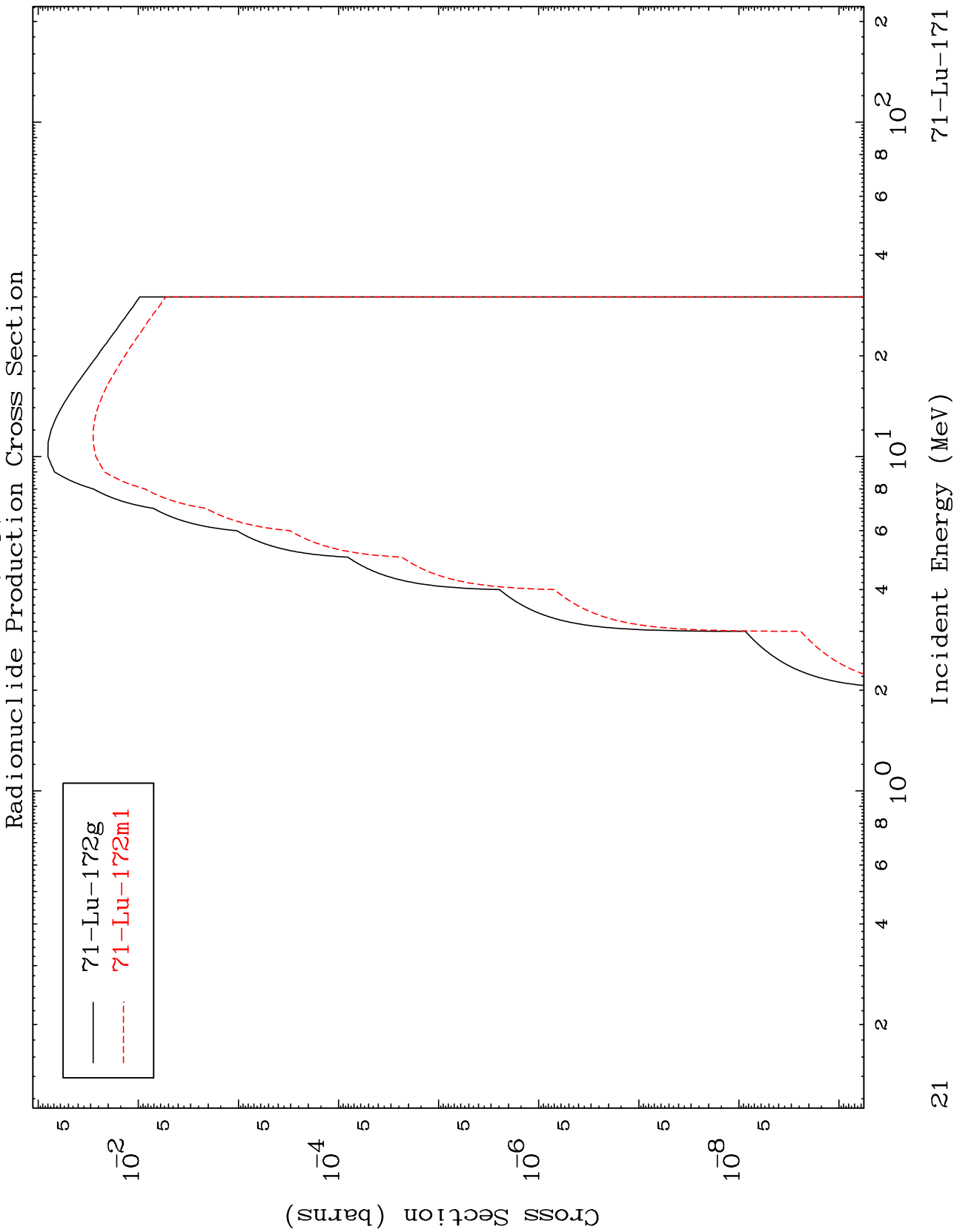
20

Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171



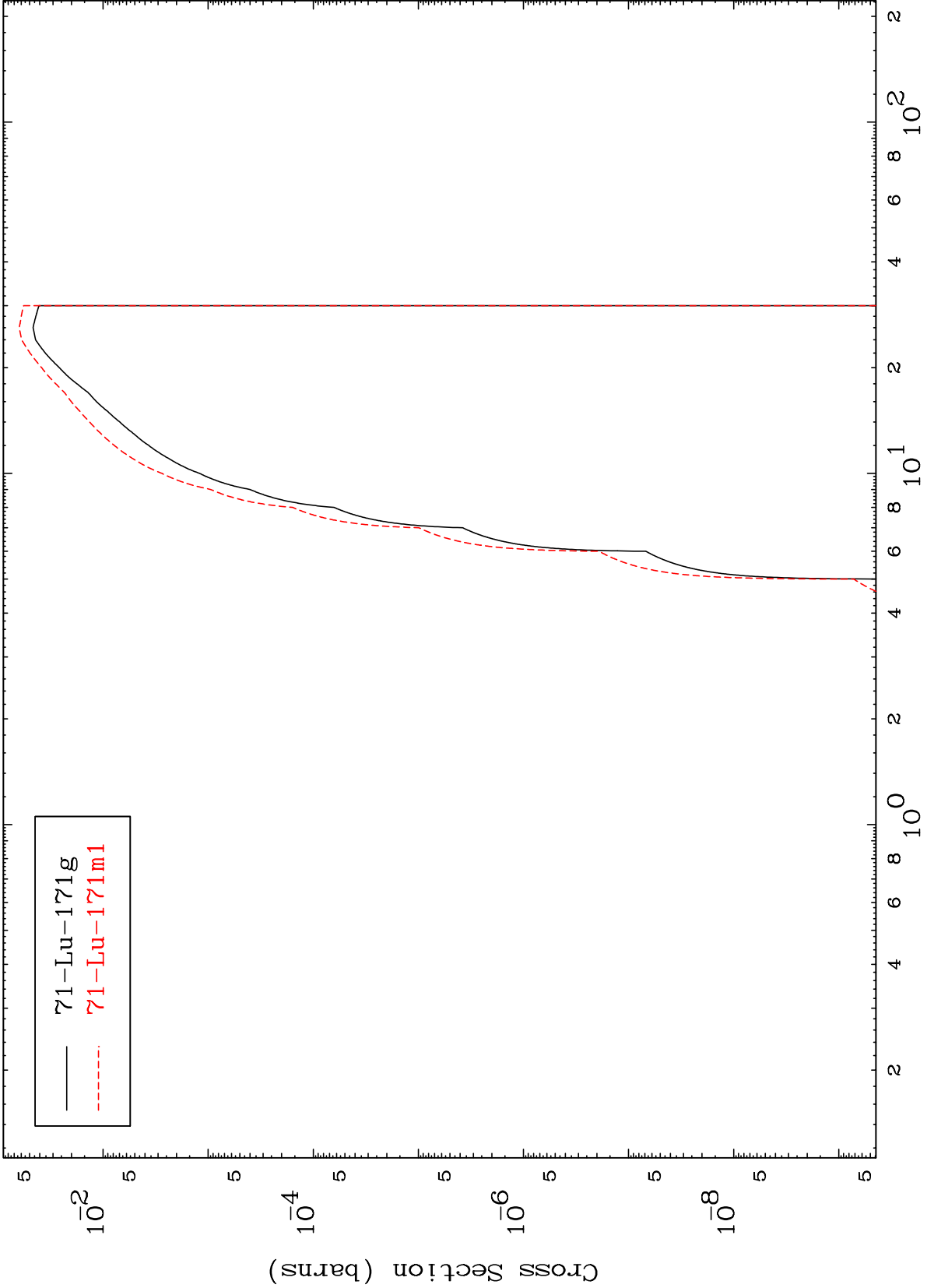
71-Lu-171

MAT 7113

(n, d)

<sup>71</sup>Lu-171

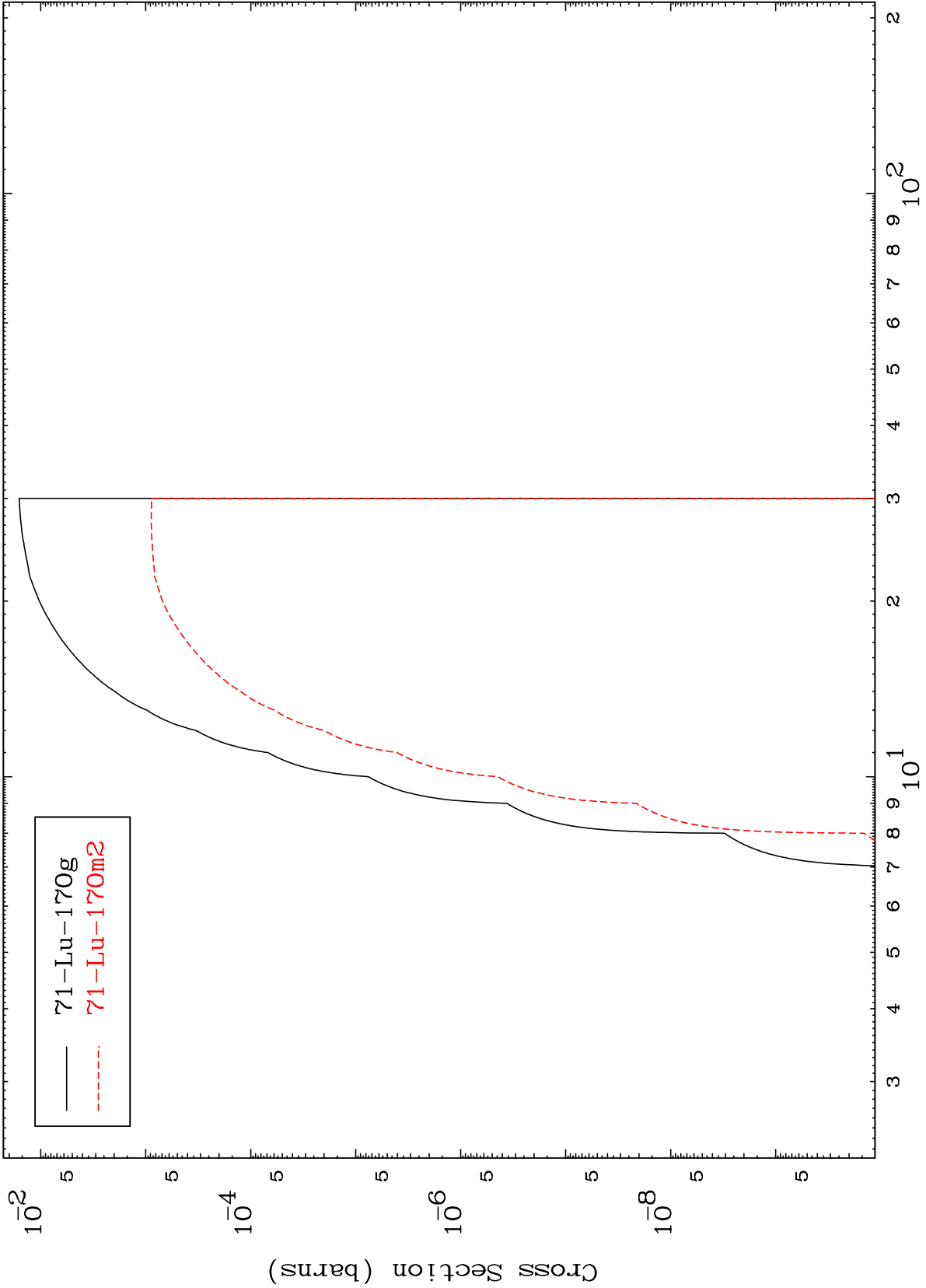
Radionuclide Production Cross Section



MAT 7113

<sup>71</sup>Lu-171

(n, t)  
Radionuclide Production Cross Section



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

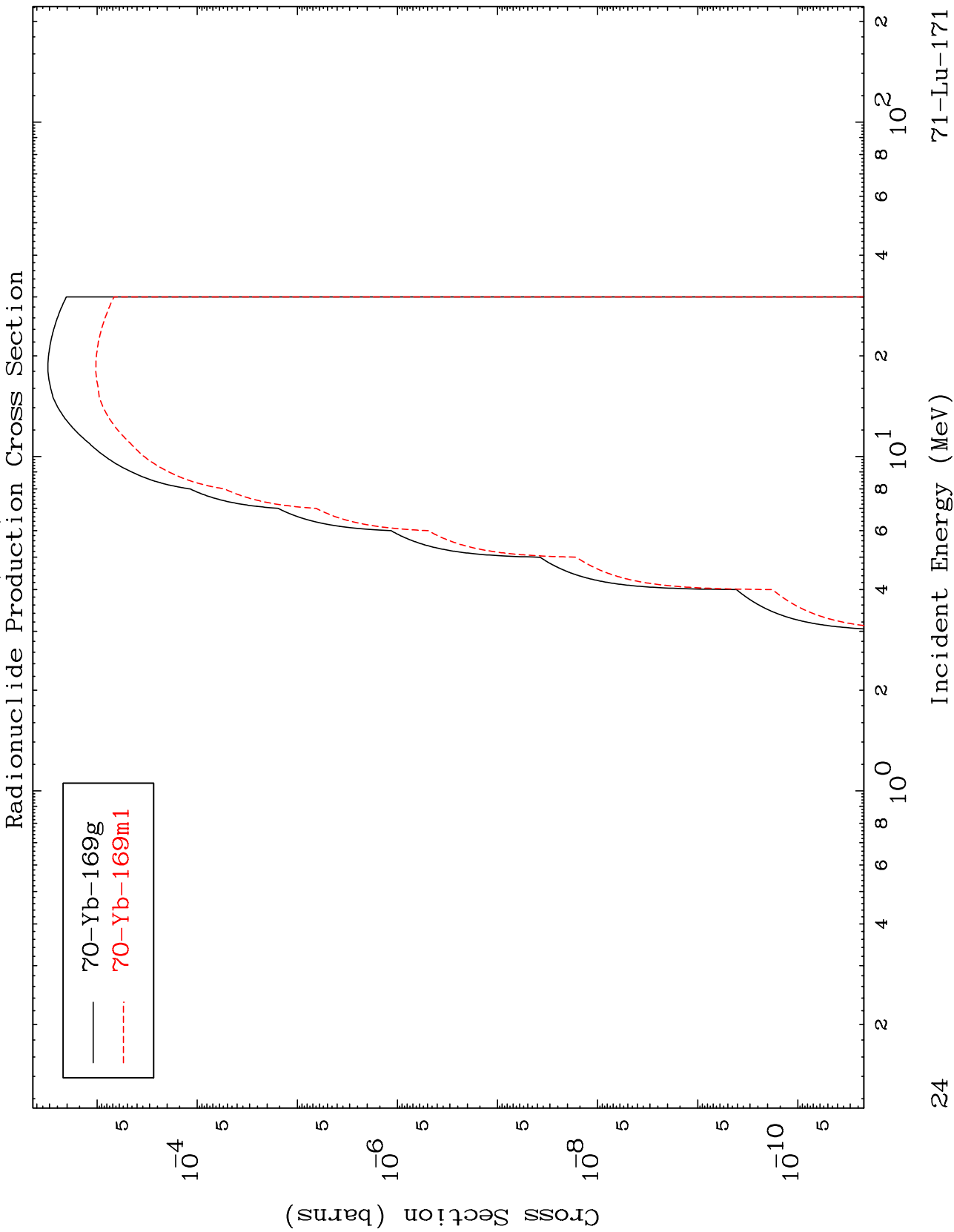
Incident Energy (MeV)

<sup>71</sup>Lu-171

23

MAT 7113

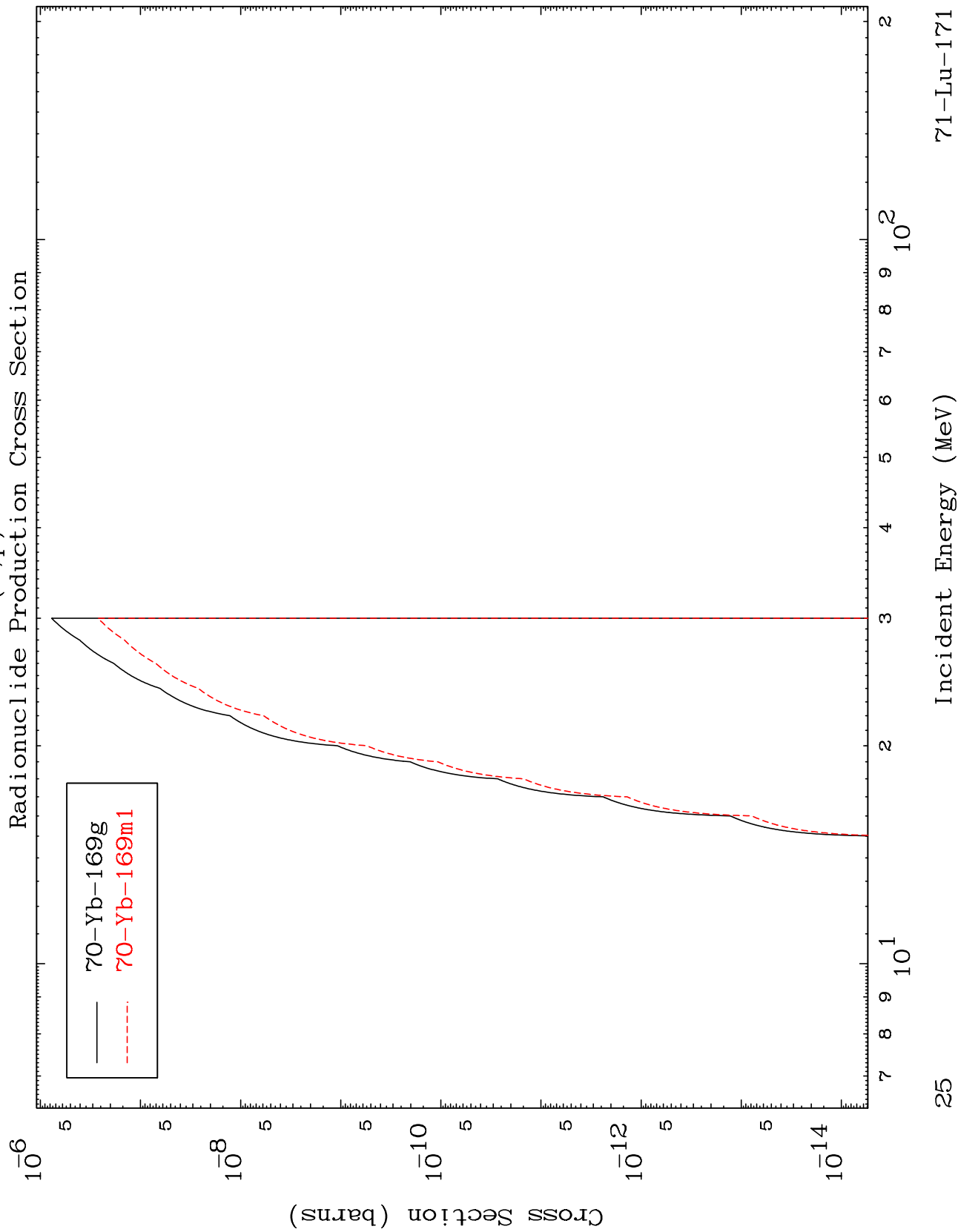
71-Lu-171



MAT 7113

(n,p) t

71-Lu-171



25