

Program EVALPLOT  
(Version 2018-1)

by

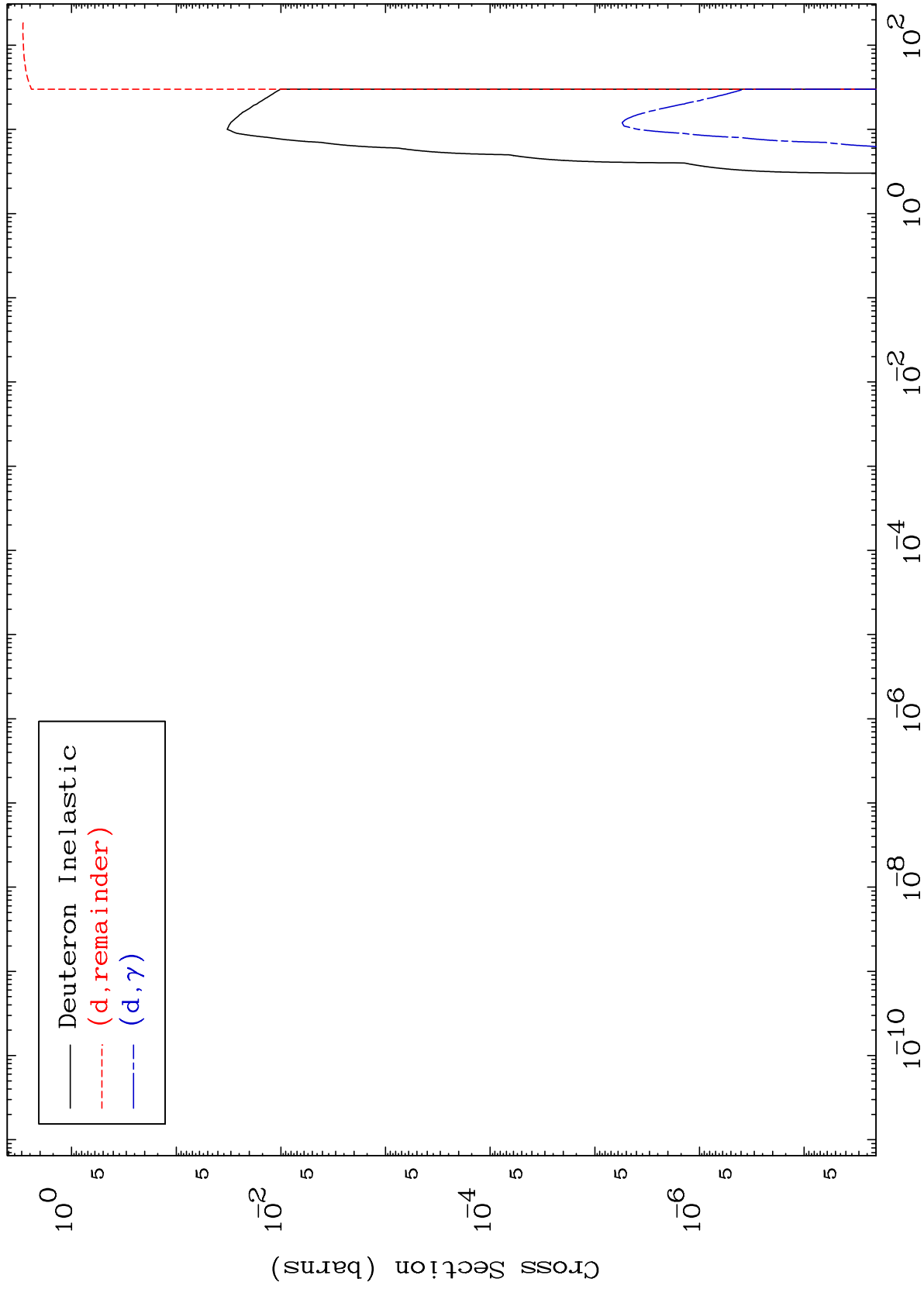
Dermott E. Cullen  
(Present Contact Information)

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

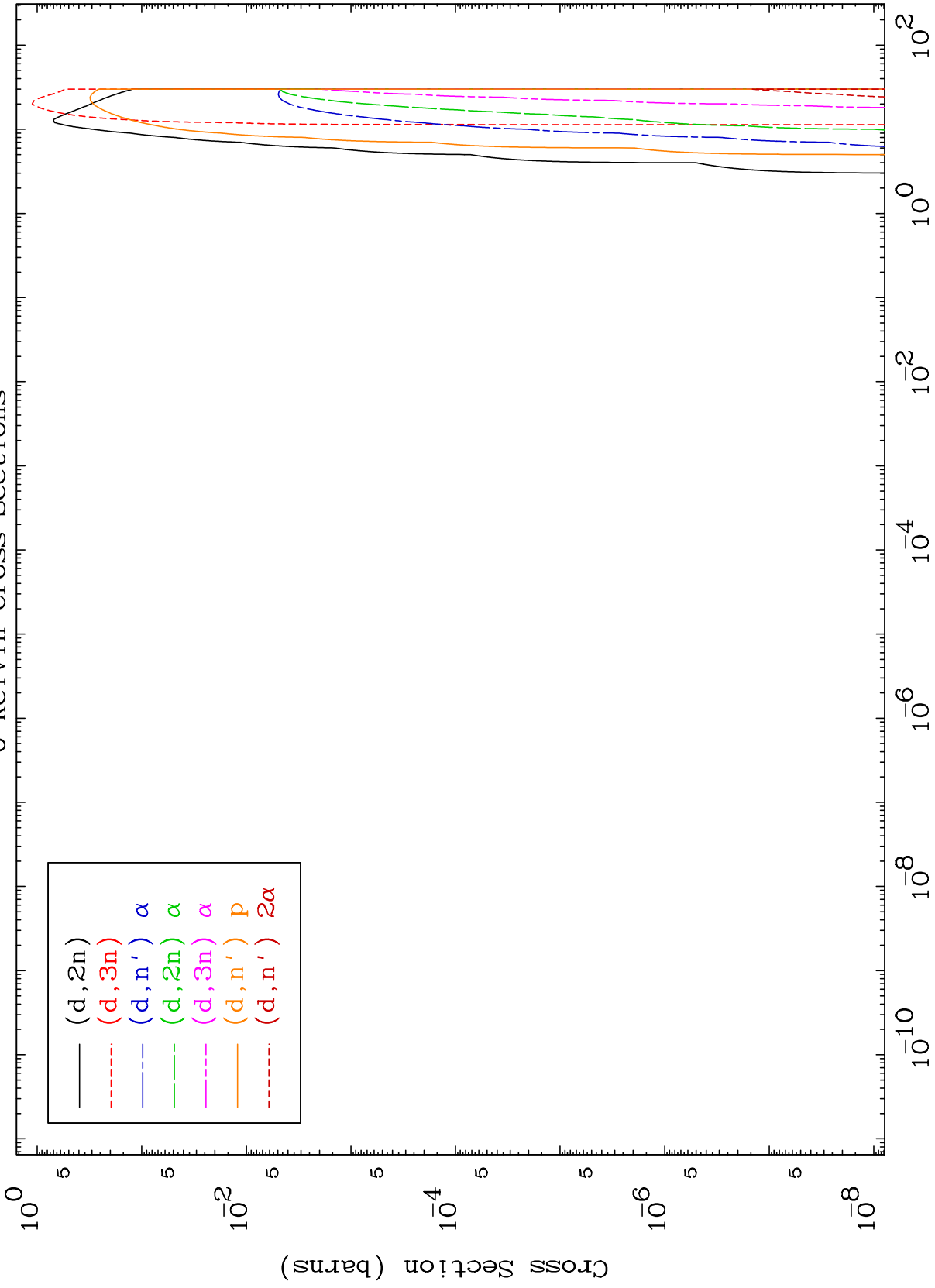
Press Mouse Button to Start



MAT 7122

Deuteron Neutron Production  
0 Kelvin Cross Sections

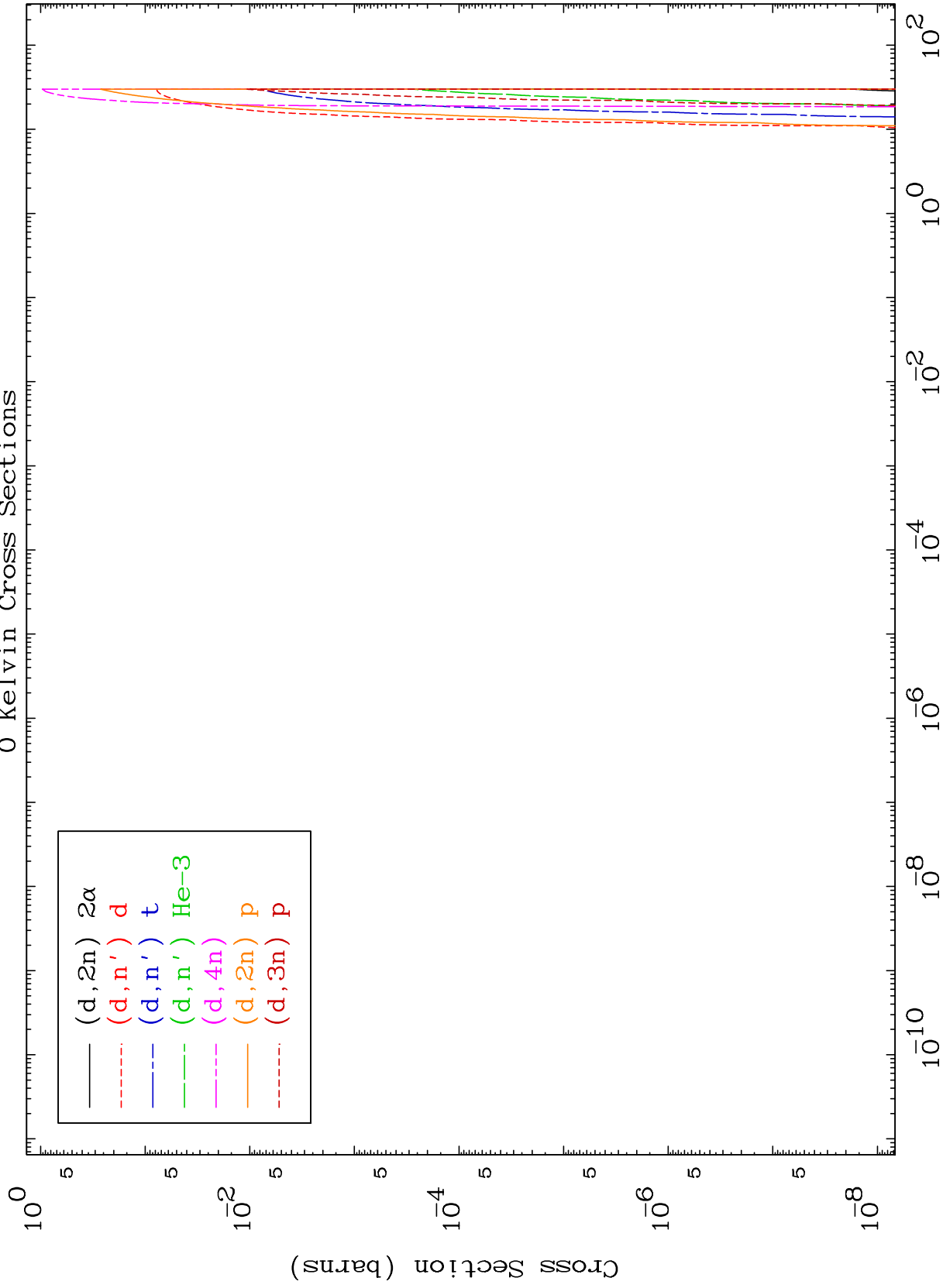
71-Lu-174

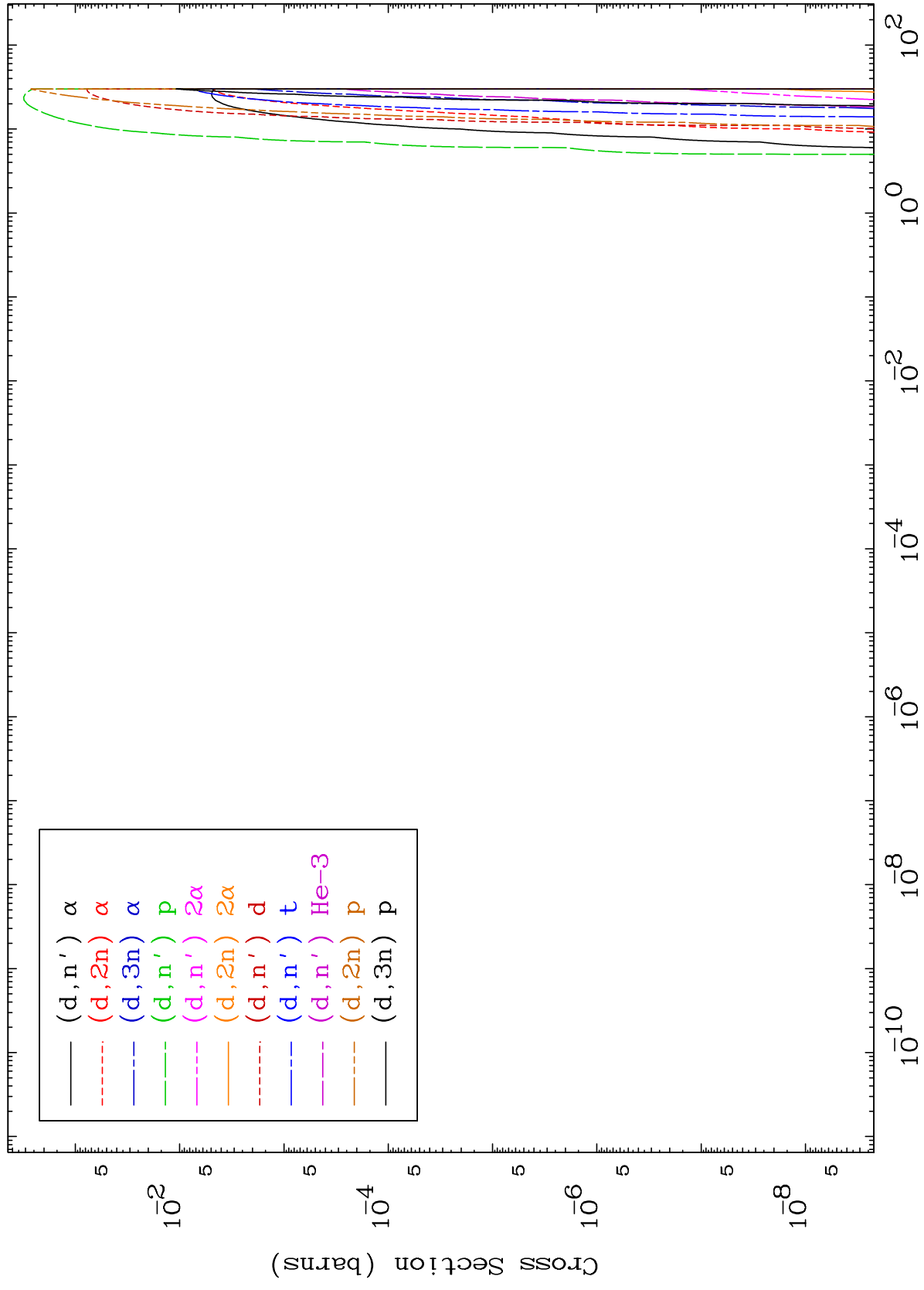


2

Incident Energy (MeV)

71-Lu-174

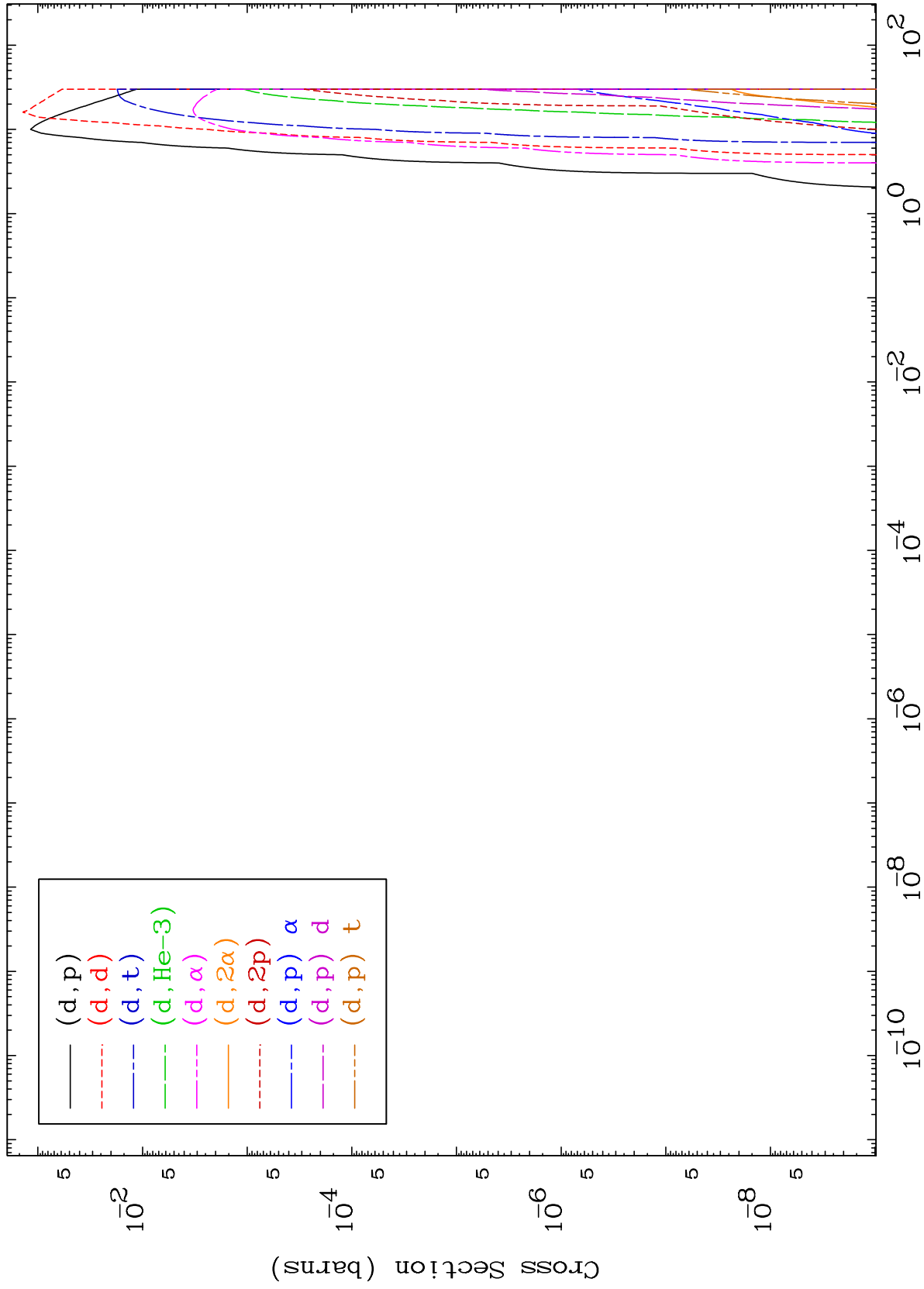




MAT 7122

Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-174



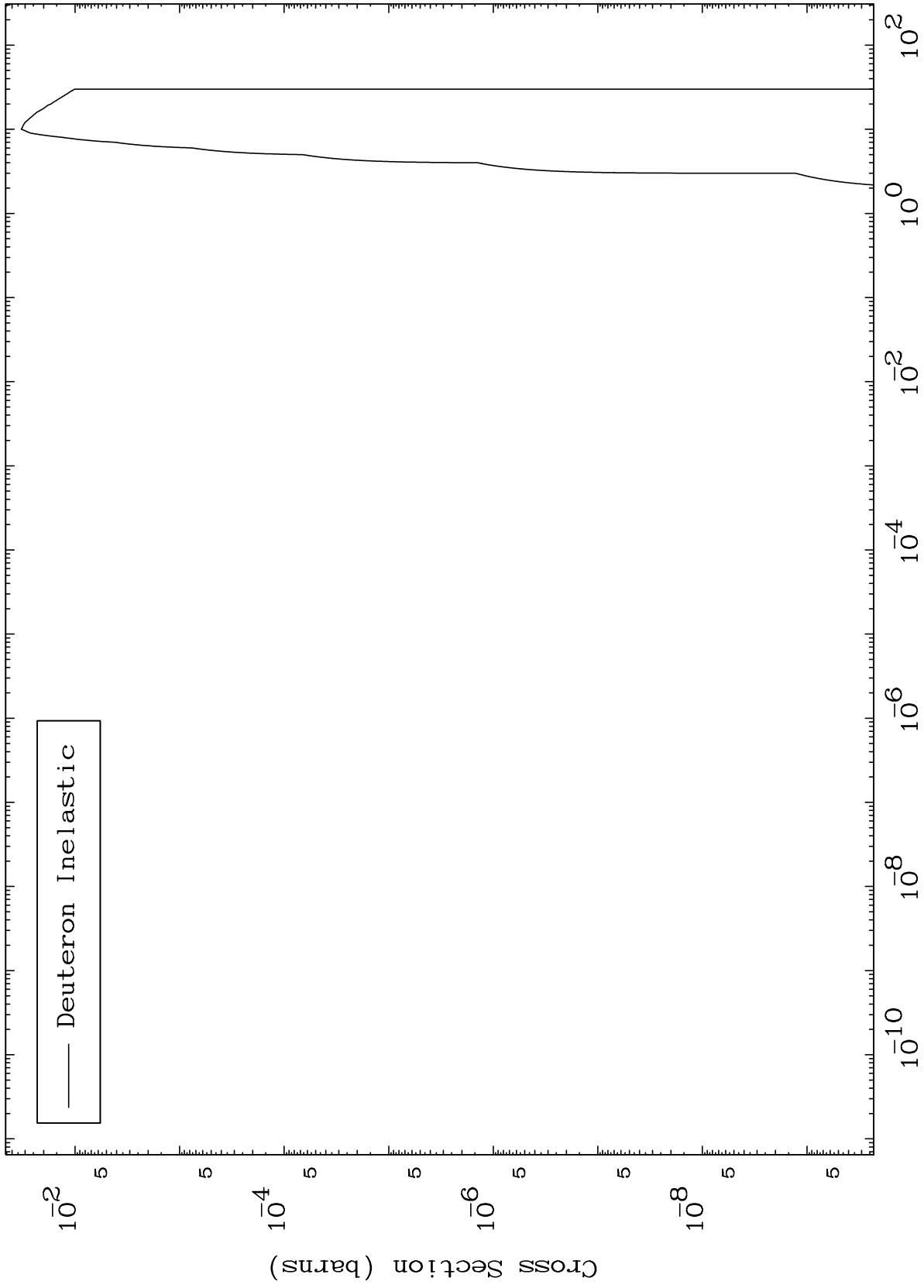
5

71-Lu-174

MAT 7122

(d,n') Level  
0 Kelvin Cross Sections

71-Lu-174



6

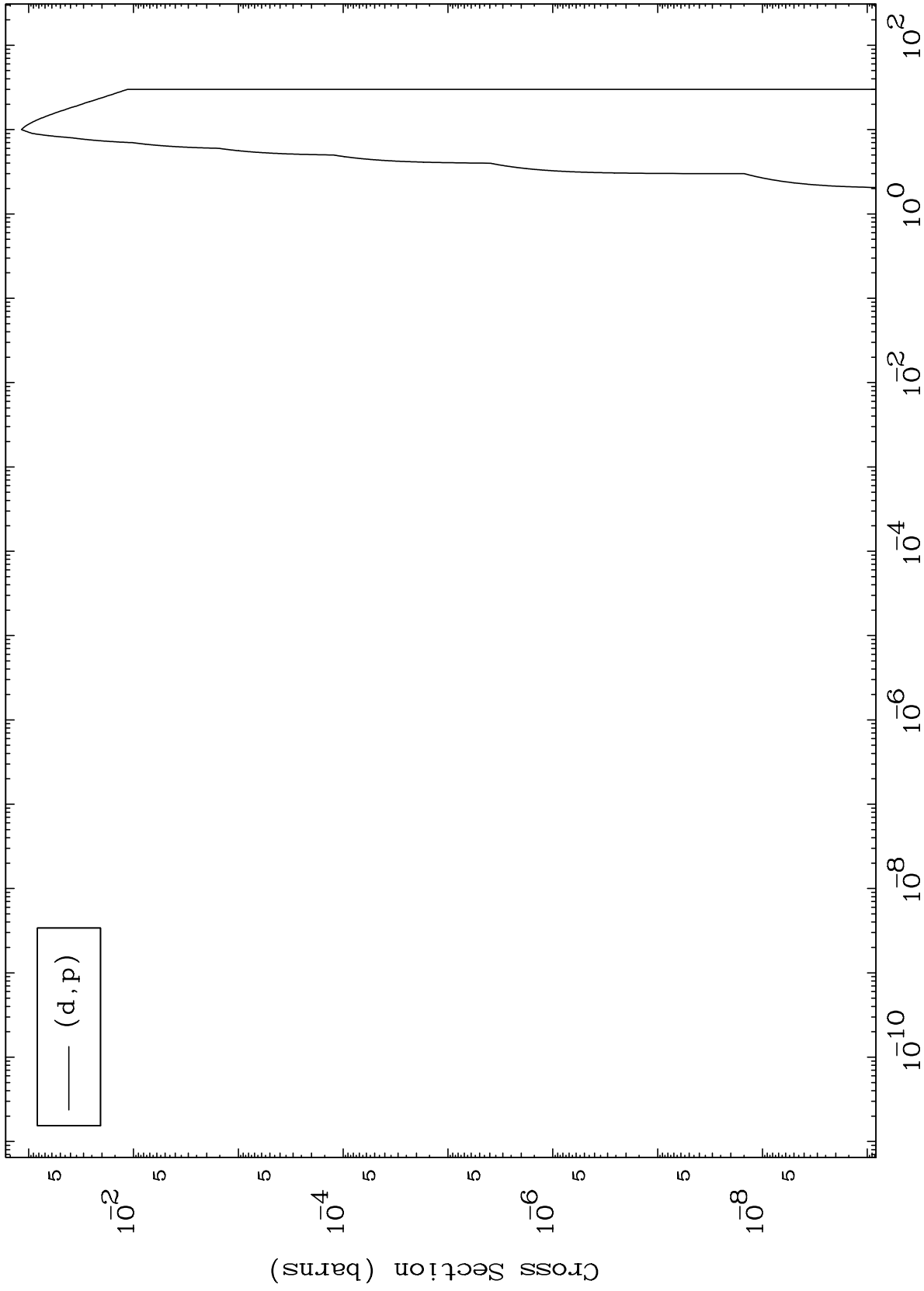
Incident Energy (MeV)

71-Lu-174

MAT 7122

(d,p) Levels  
0 Kelvin Cross Sections

71-Lu-174



7

Incident Energy (MeV)

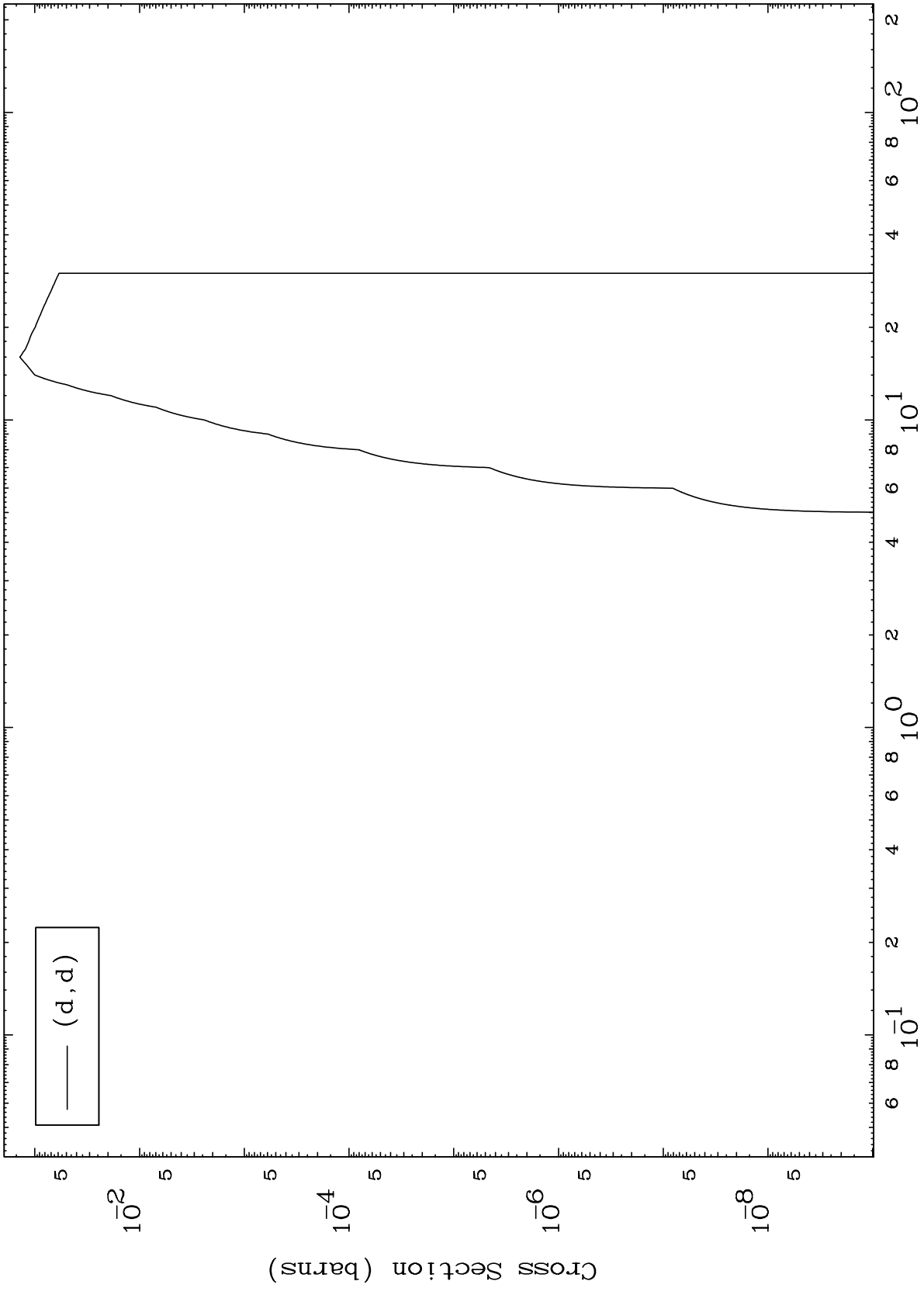
71-Lu-174



MAT 7122

(d,d) Levels  
0 Kelvin Cross Sections

71-Lu-174

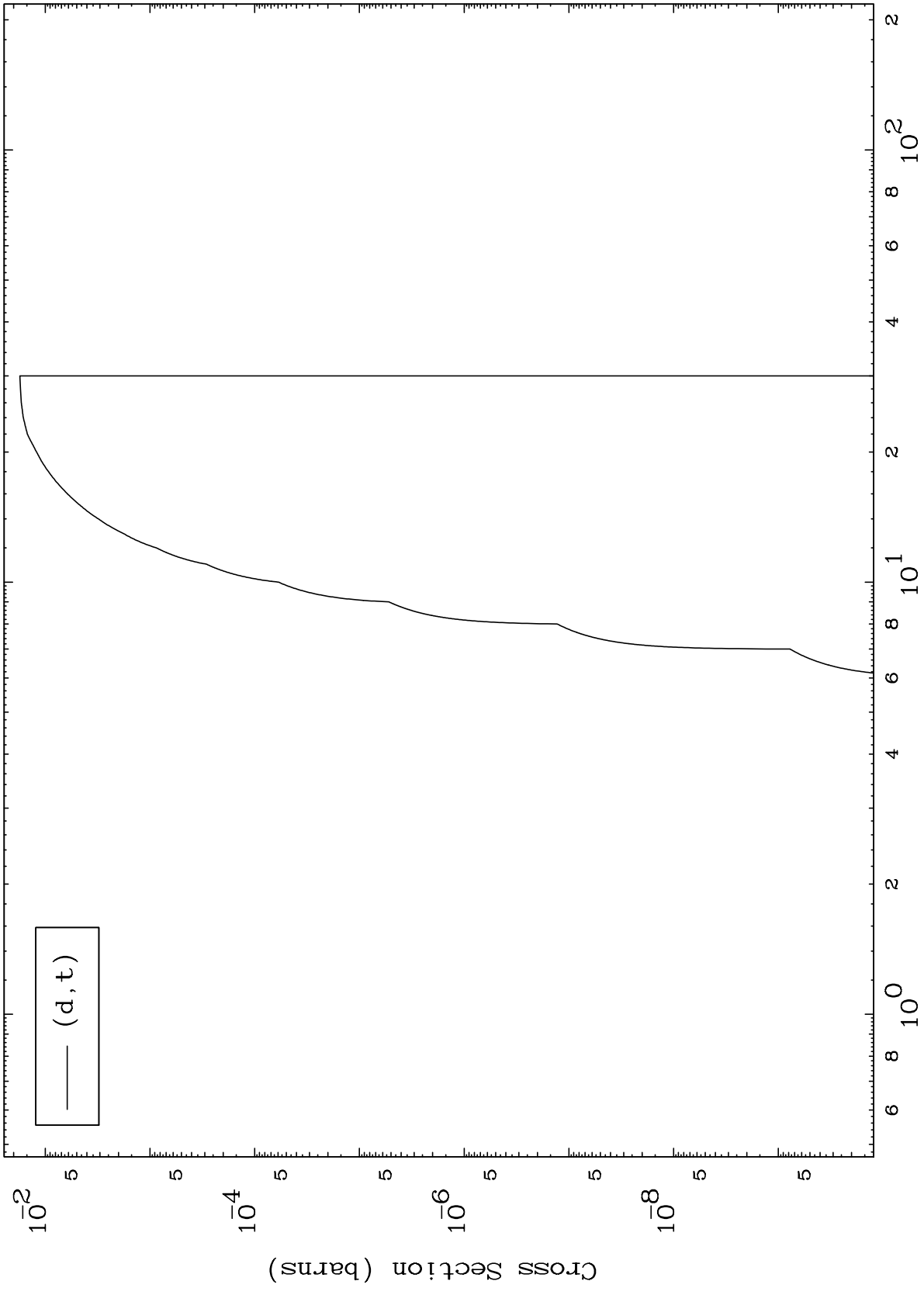


71-Lu-174

MAT 7122

(d,t) Levels  
0 Kelvin Cross Sections

71-Lu-174



9

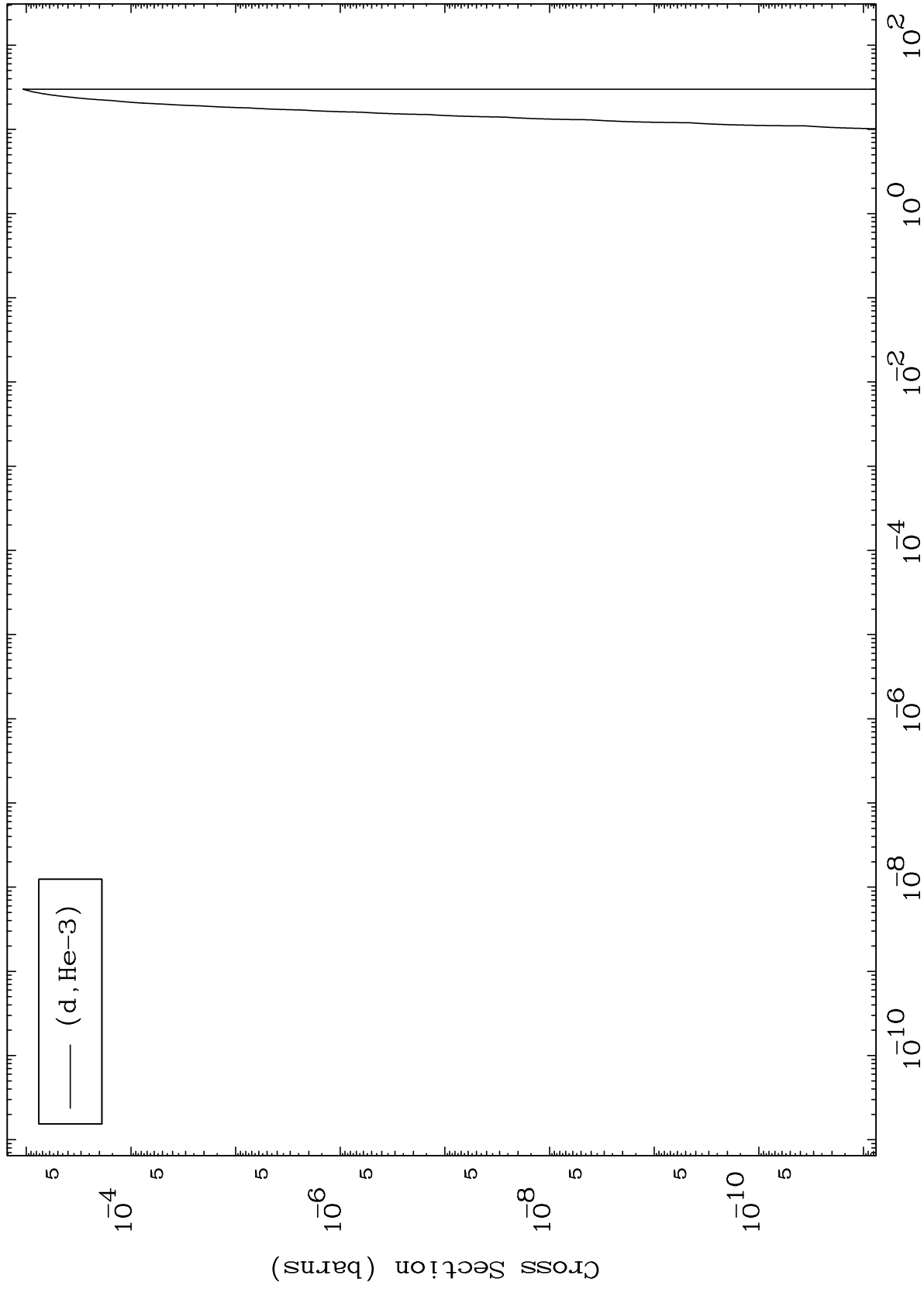
Incident Energy (MeV)

71-Lu-174

MAT 7122

(d,He3) Levels  
0 Kelvin Cross Sections

71-Lu-174



10

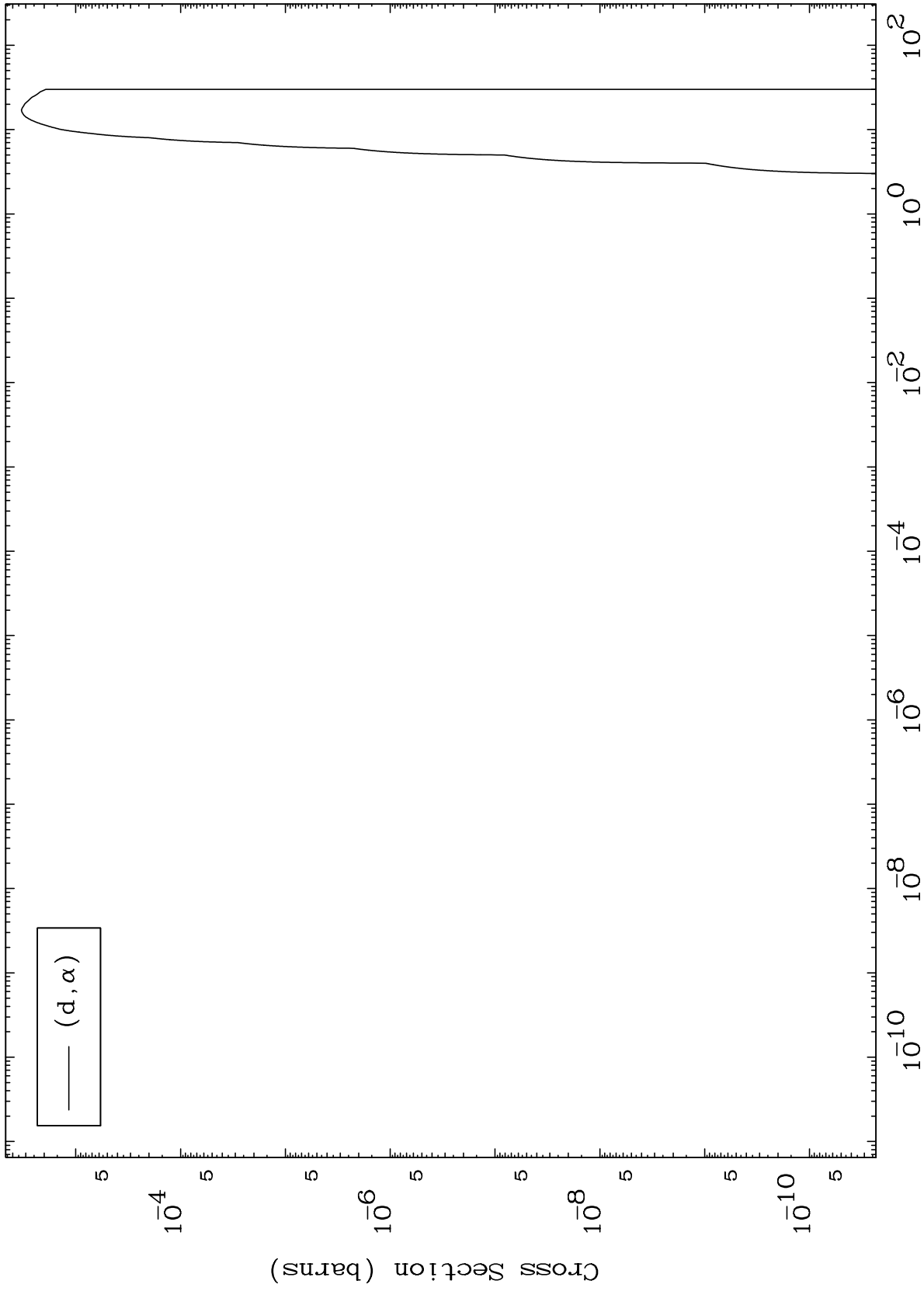
Incident Energy (MeV)

71-Lu-174

MAT 7122

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

71-Lu-174



11

Incident Energy (MeV)

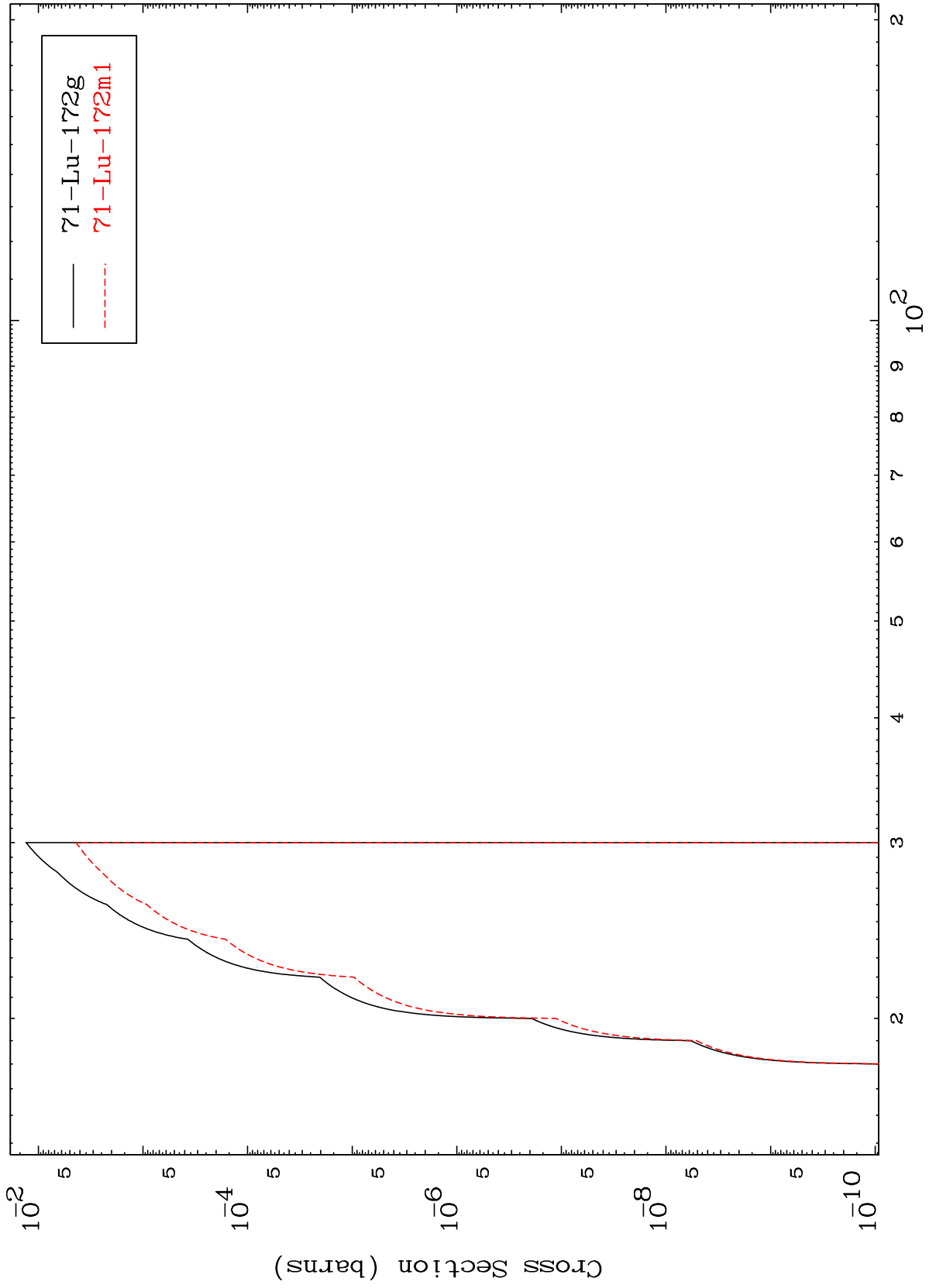
71-Lu-174

MAT 7122

(d,2n) d

71-Lu-174

Radionuclide Production Cross Section



12

Incident Energy (MeV)

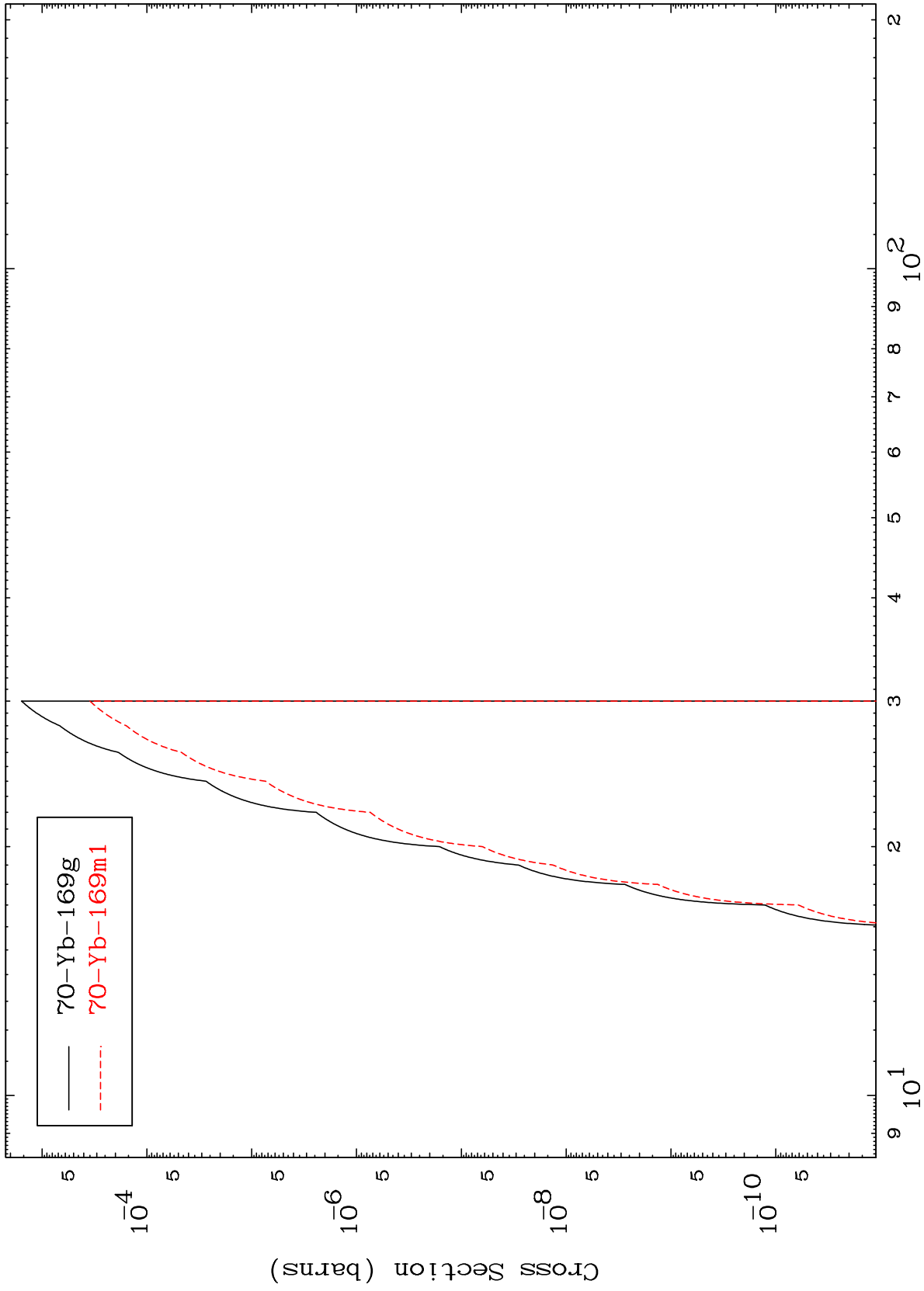
71-Lu-174

MAT 7122

(d,3n)  $\alpha$

<sup>71</sup>Lu-174

Radionuclide Production Cross Section



13

Incident Energy (MeV)

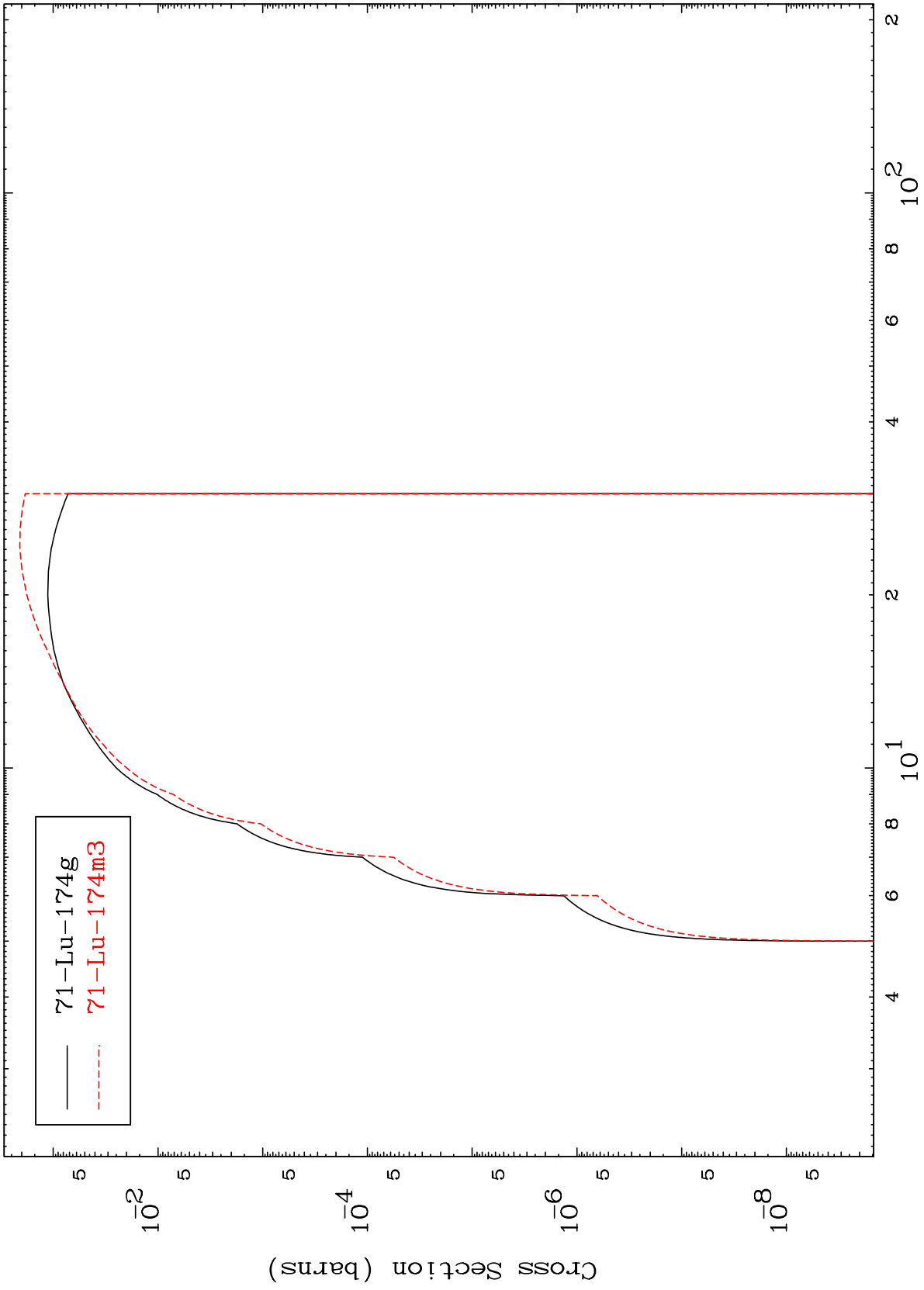
<sup>71</sup>Lu-174

MAT 7122

<sup>71</sup>Lu-174

Radionuclide Production Cross Section

(d,n') p



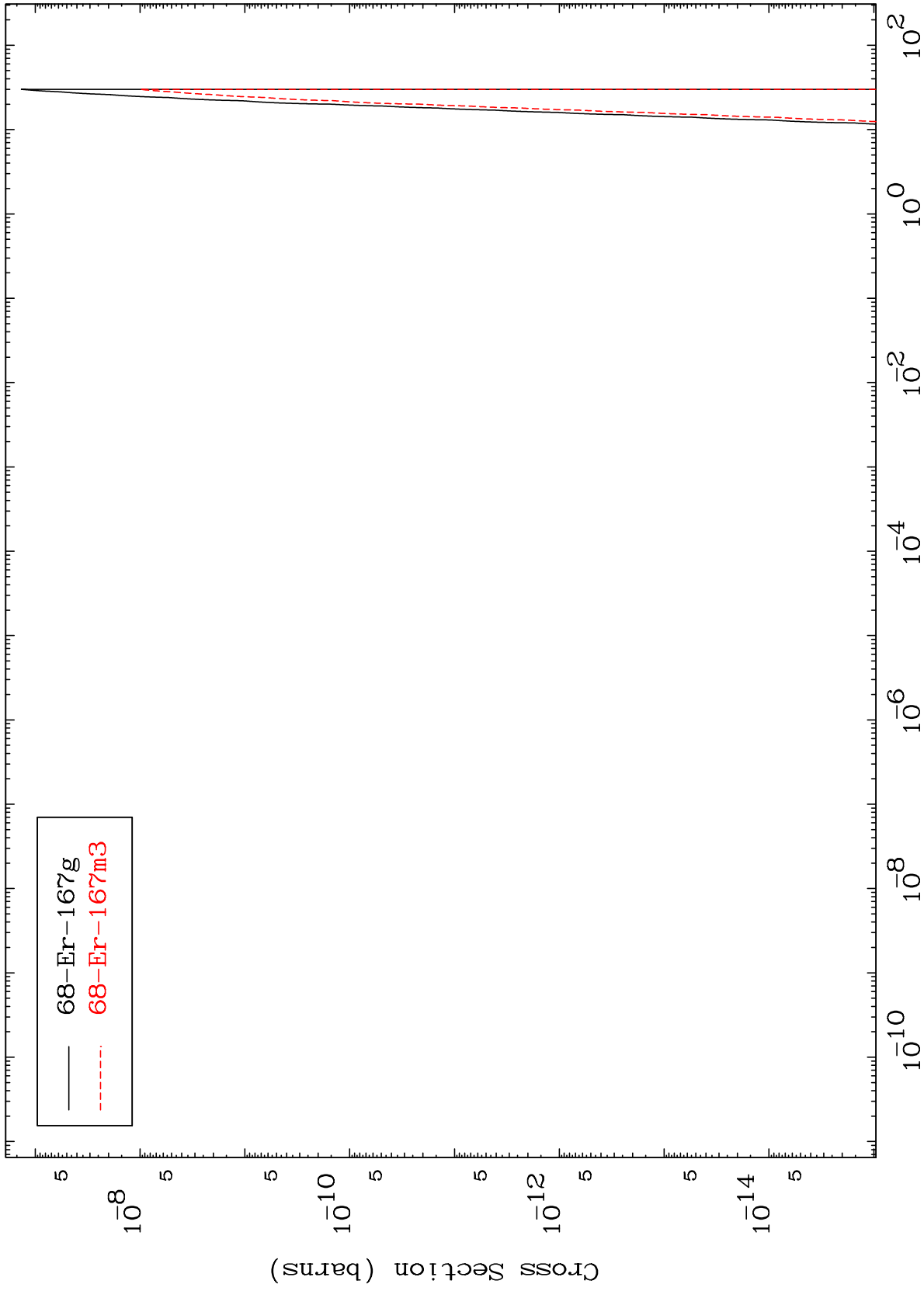
— <sup>71</sup>Lu-174g  
- - - <sup>71</sup>Lu-174m3

MAT 7122

(d,n') 2 $\alpha$

71-Lu-174

Radionuclide Production Cross Section



15

Incident Energy (MeV)

71-Lu-174

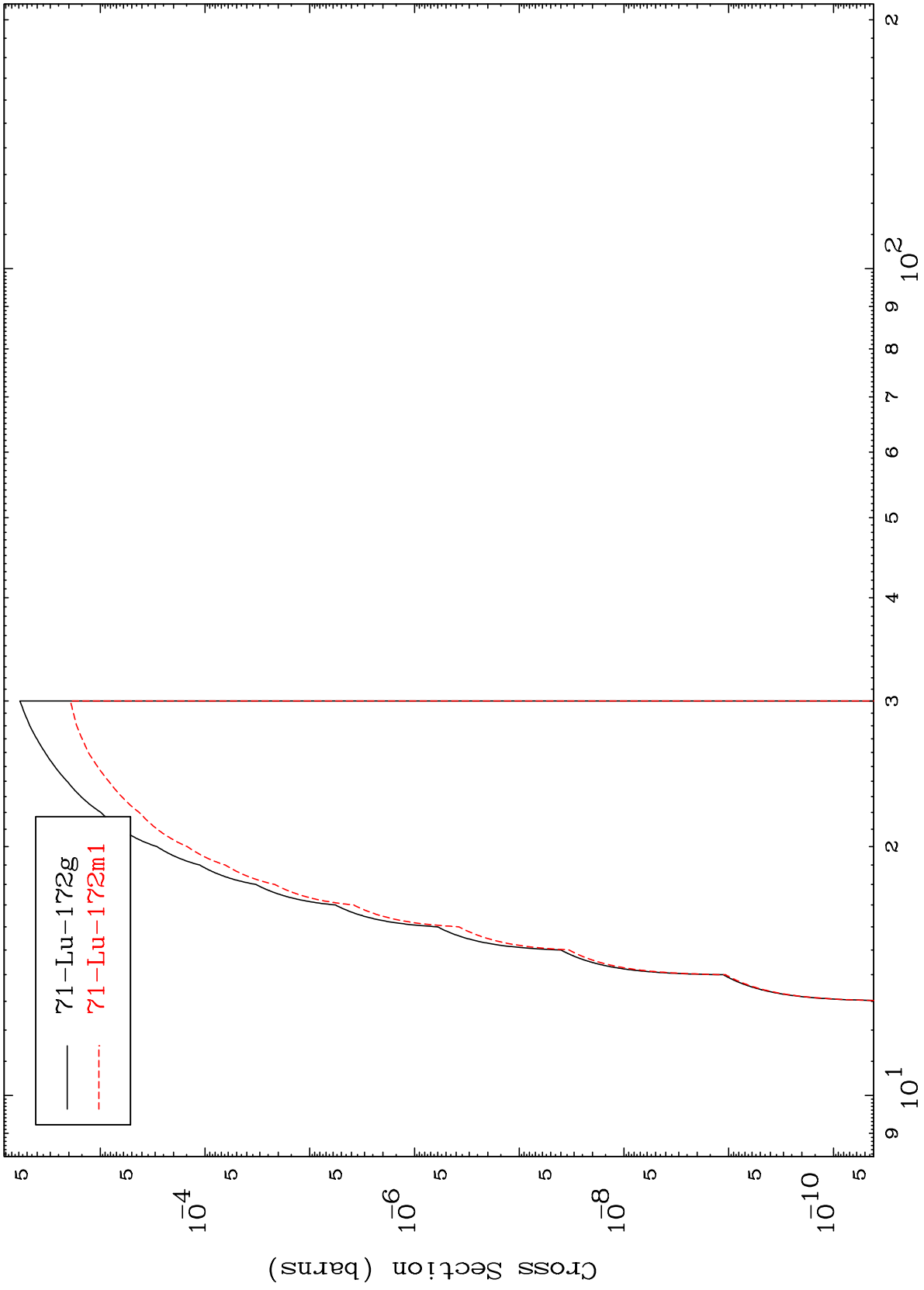


MAT 7122

(d,n') t

<sup>71</sup>Lu-174

Radionuclide Production Cross Section



16

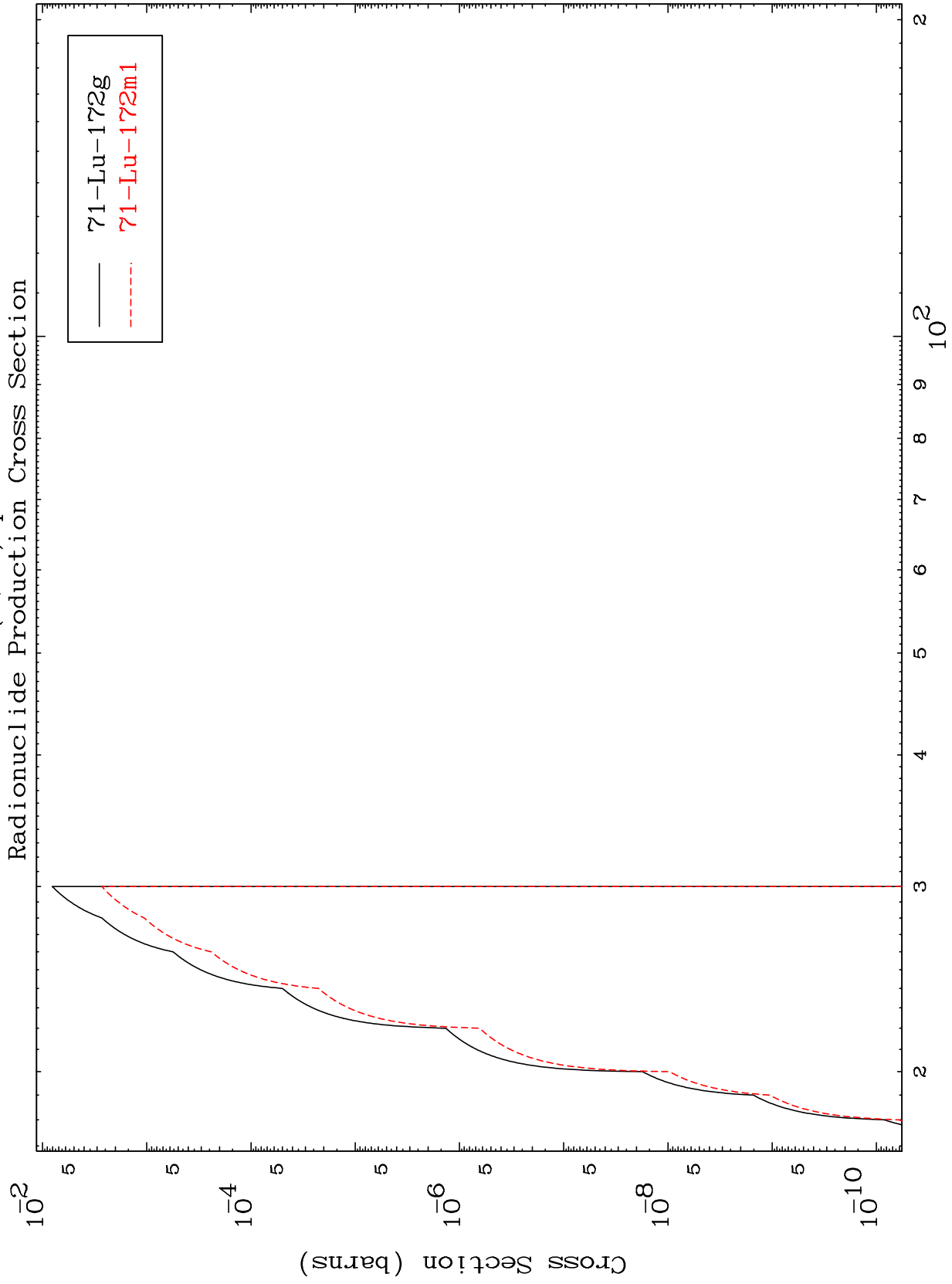
Incident Energy (MeV)

<sup>71</sup>Lu-174

MAT 7122

(d,3n) p

<sup>71</sup>Lu-174



17

Incident Energy (MeV)

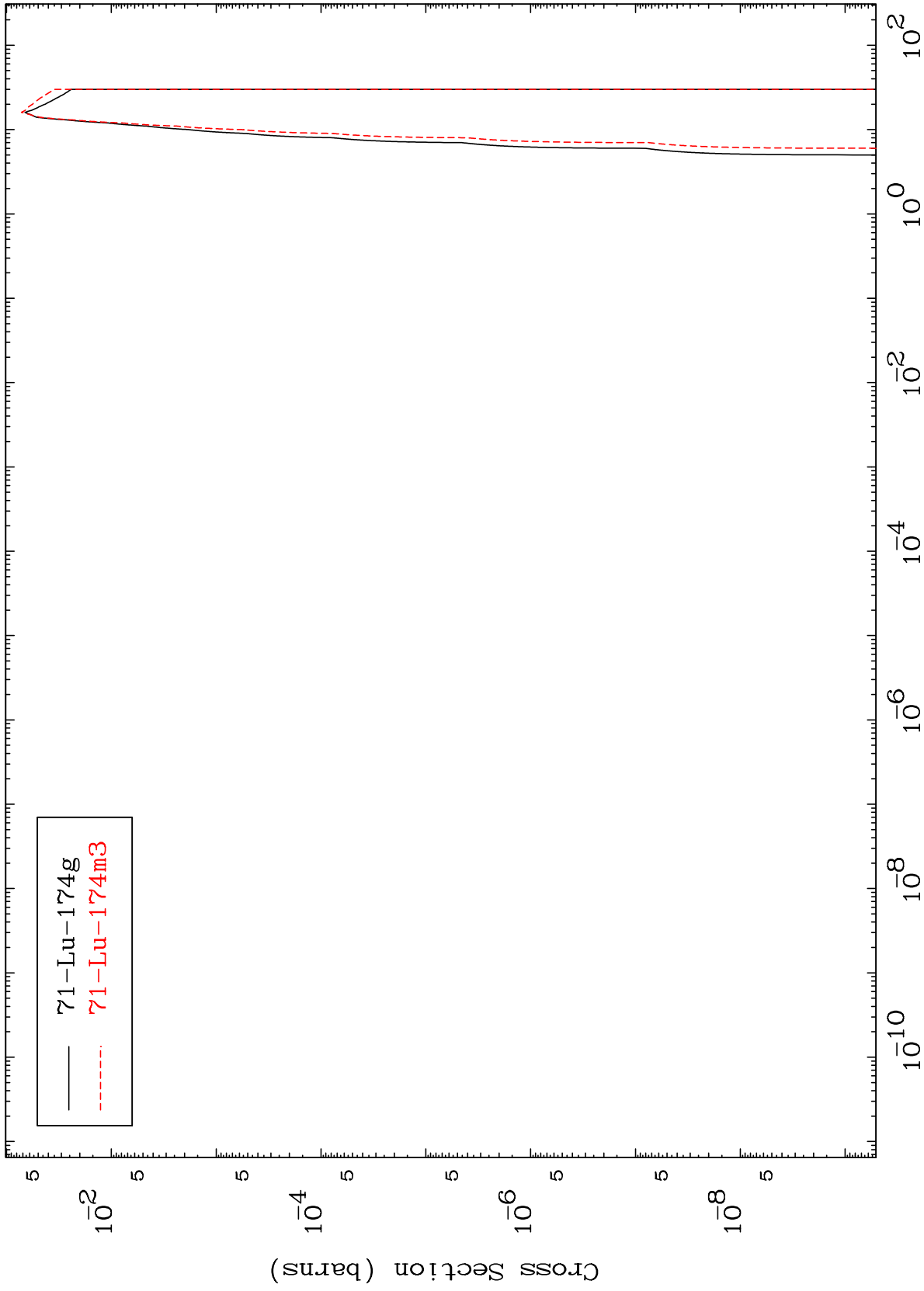
<sup>71</sup>Lu-174

MAT 7122

(d,d)

Radionuclide Production Cross Section

<sup>71</sup>Lu-174



<sup>71</sup>Lu-174