

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

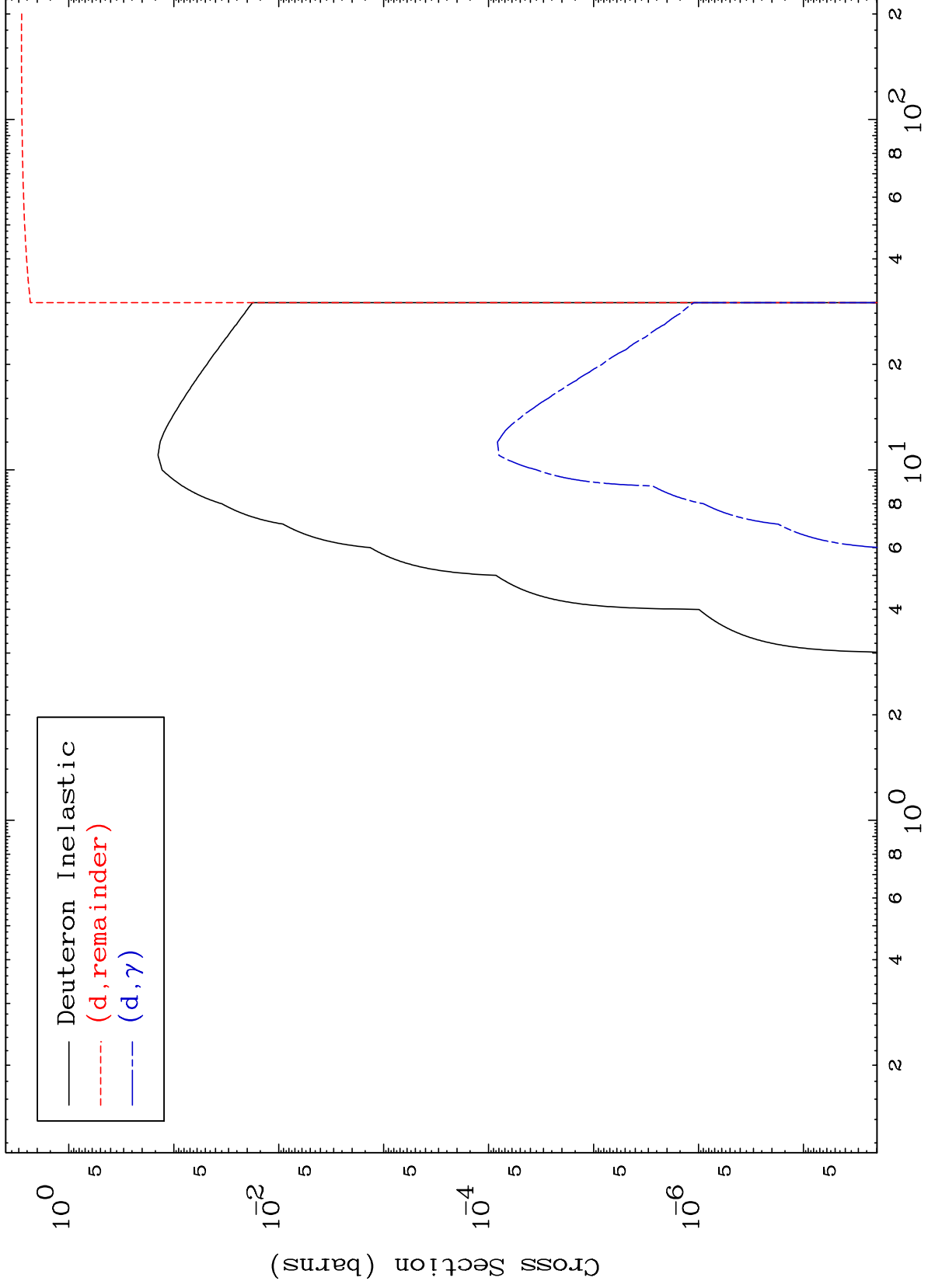
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Tele: 925-443-1911

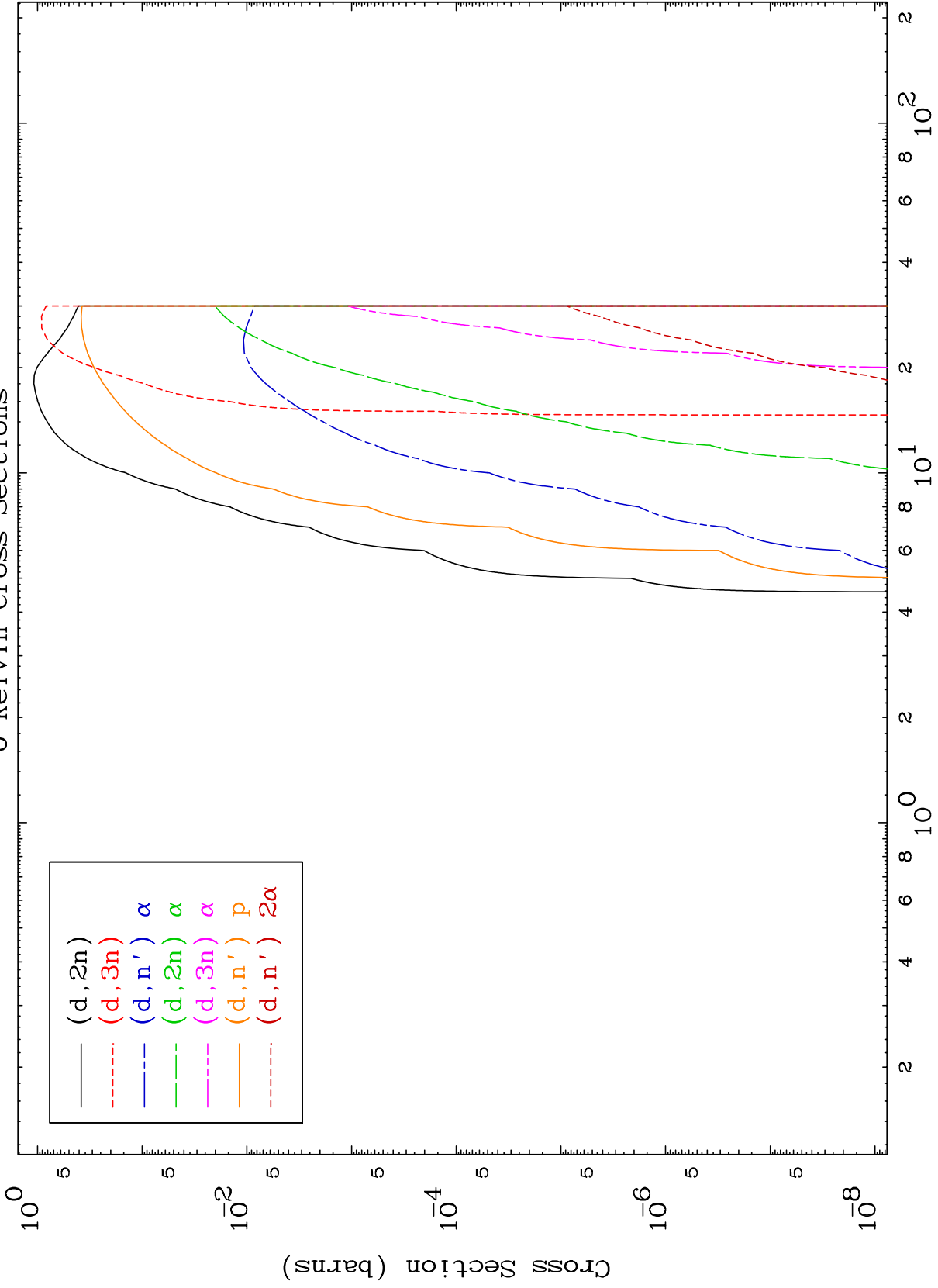
E.Mail:redcullen1@comcast.net

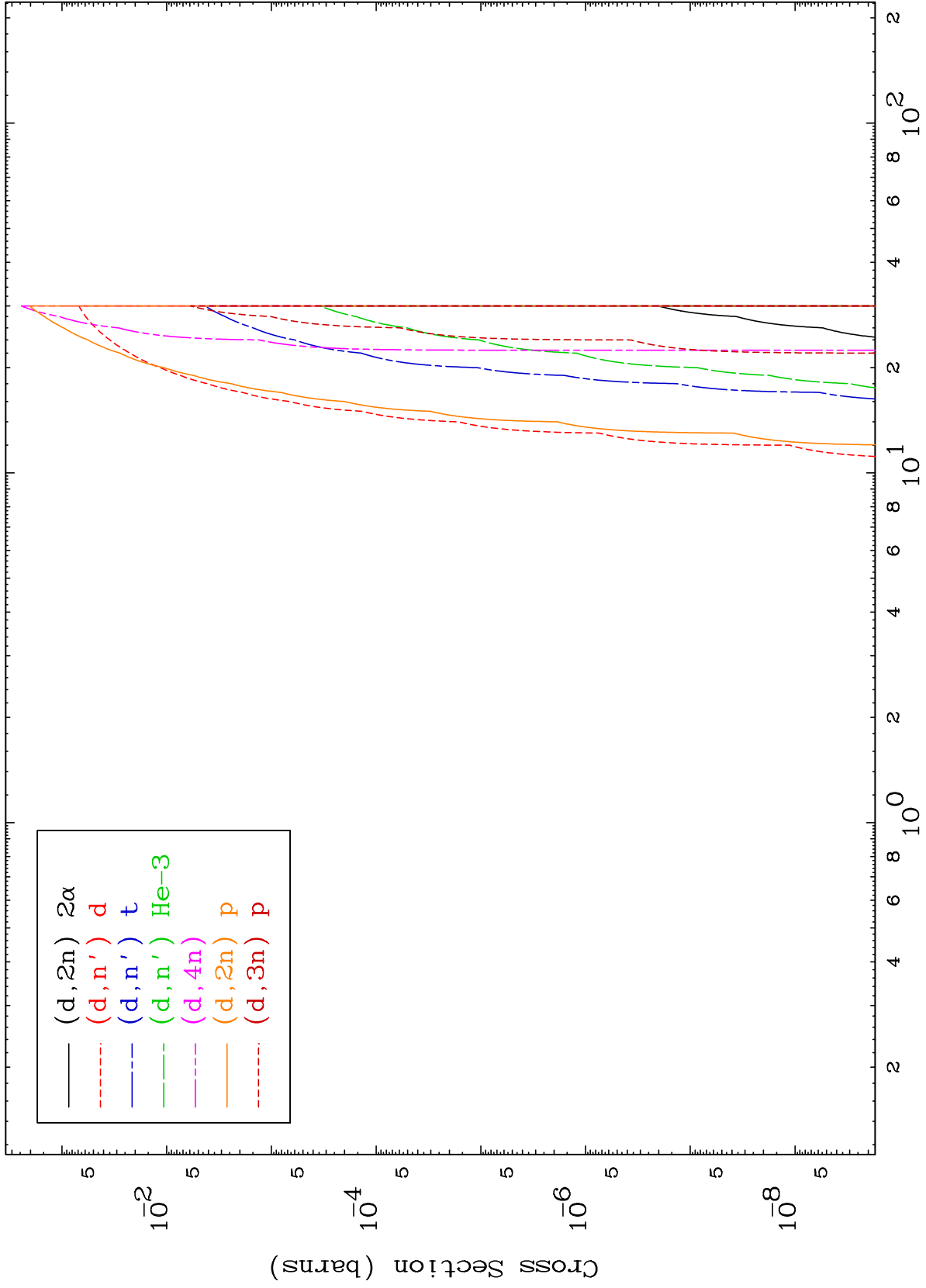
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



— Deuteron Inelastic  
- - - (d, remainder)  
- · - (d, γ)

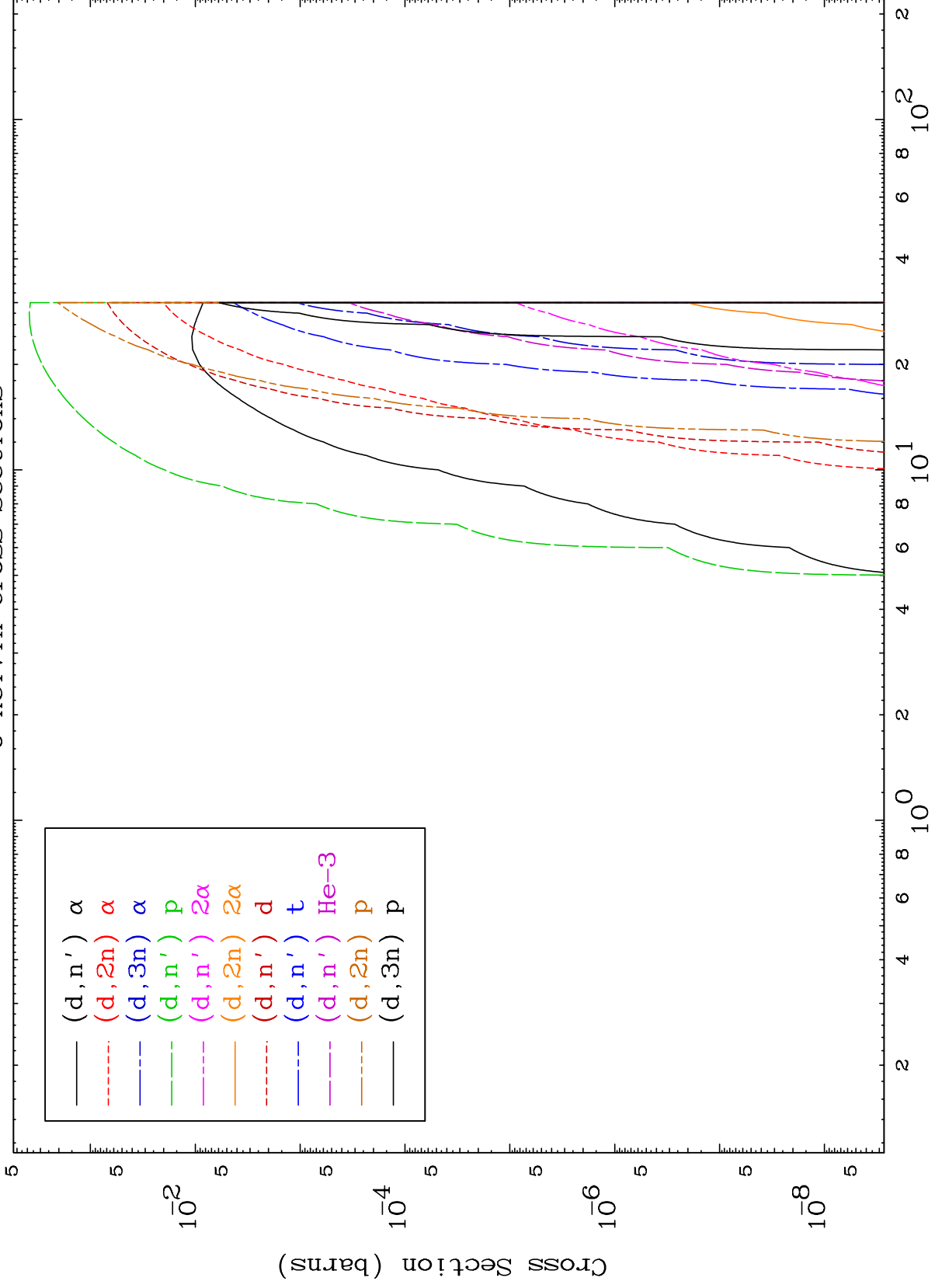


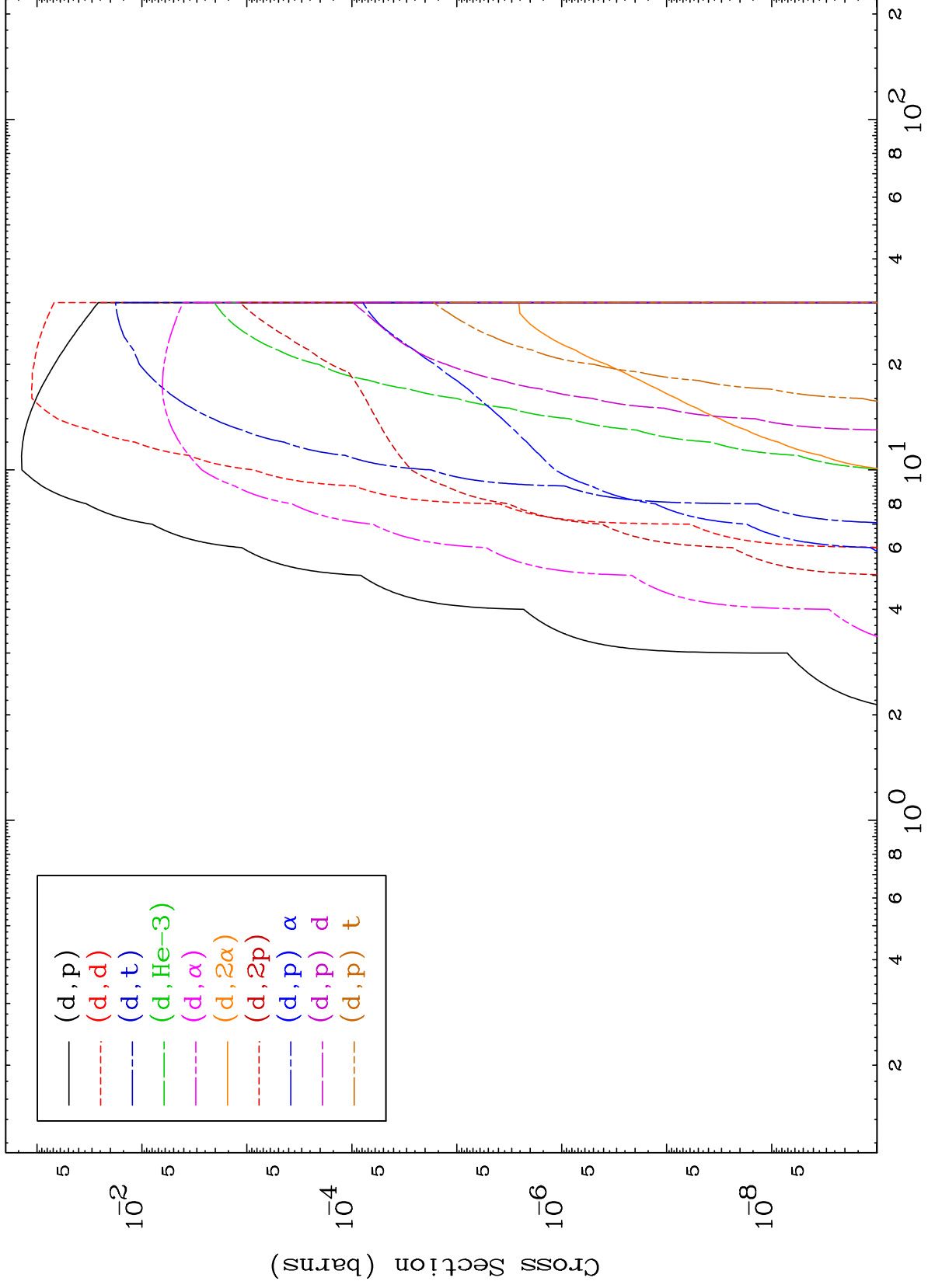


MAT 7105

Deuteron Charged Particle  
0 Kelvin Cross Sections

<sup>71</sup>Lu-168



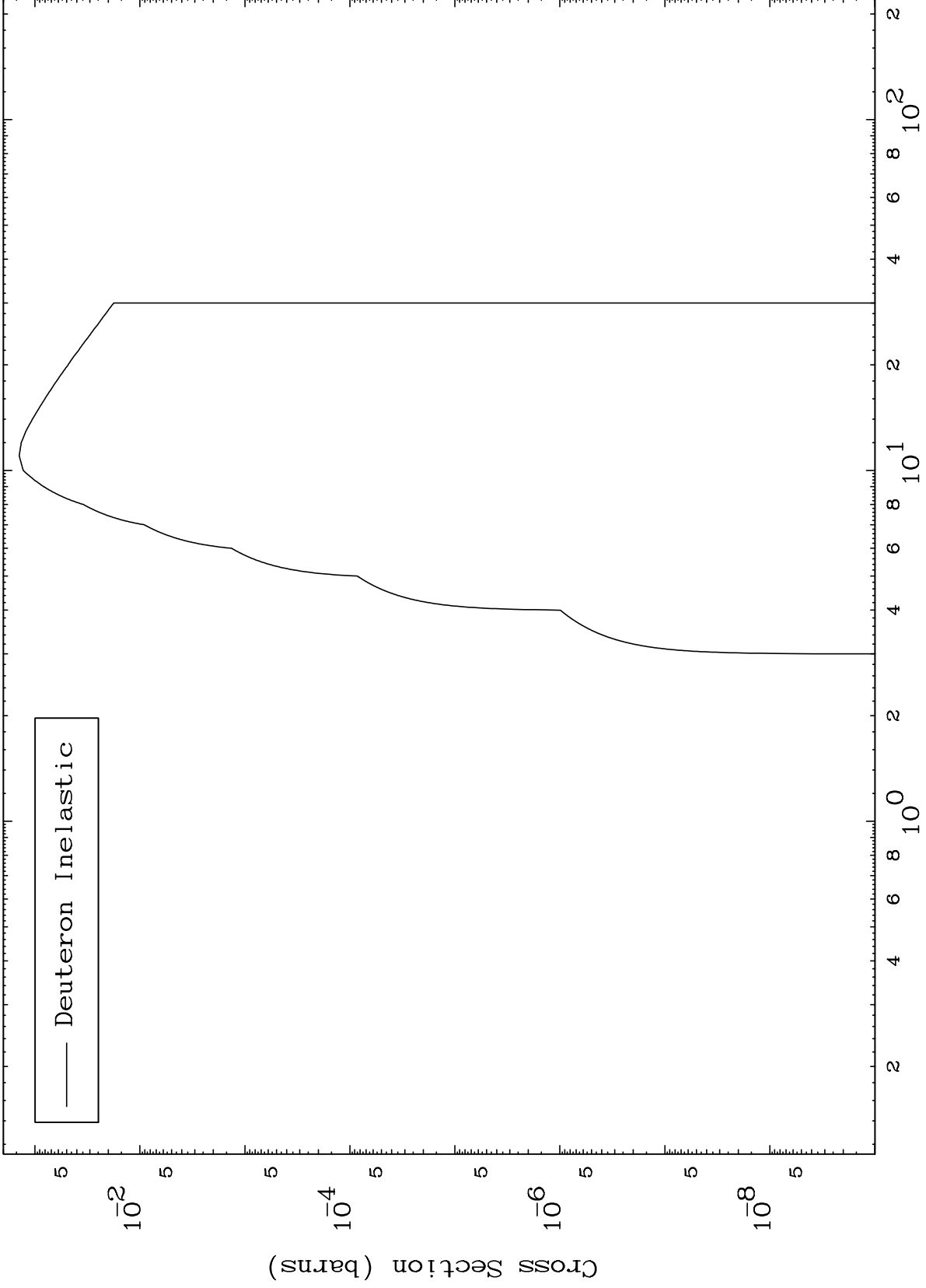


MAT 7105

(d,n') Level

71-Lu-168

0 Kelvin Cross Sections



6

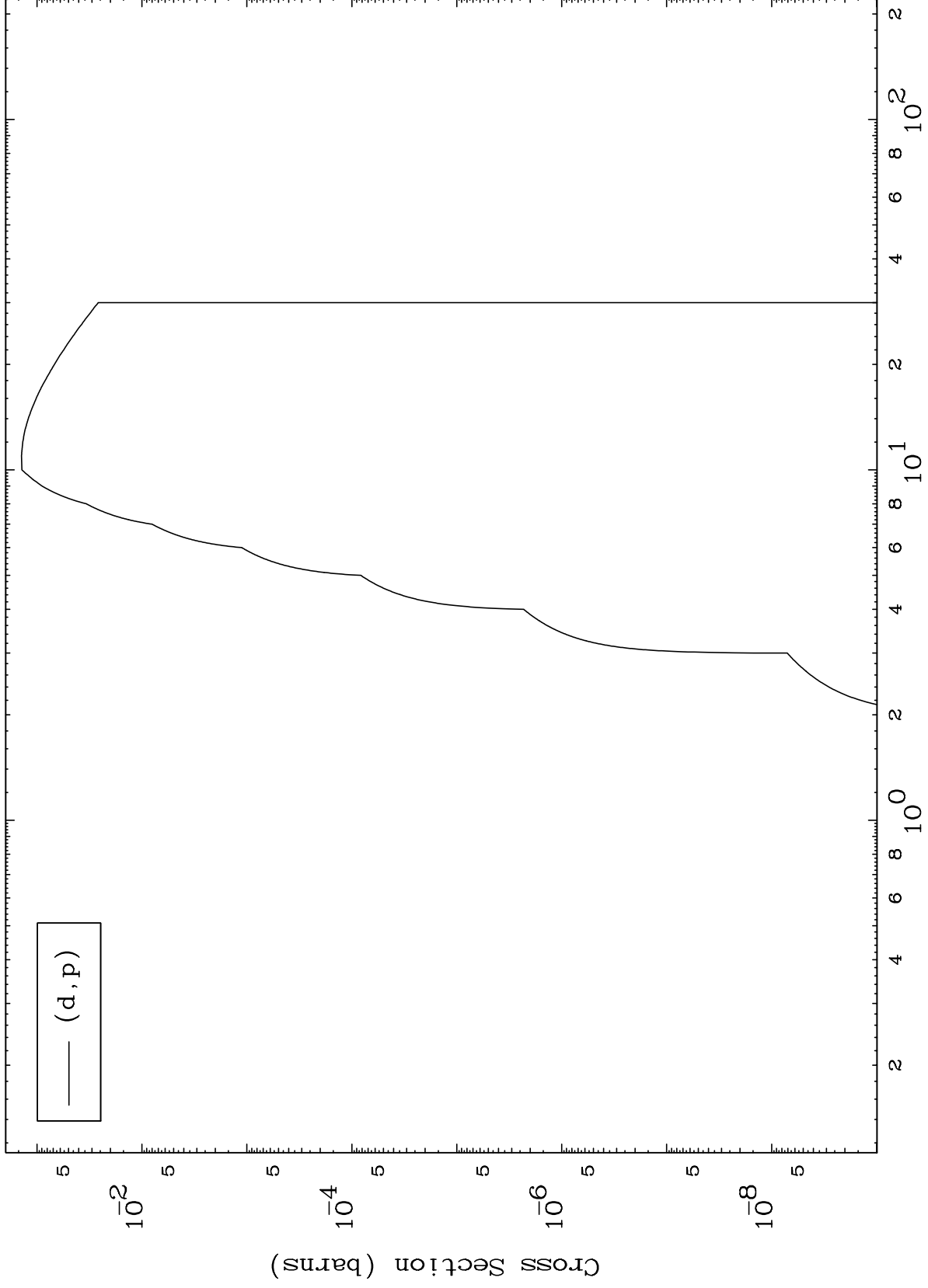
Incident Energy (MeV)

71-Lu-168

MAT 7105

(d,p) Levels  
0 Kelvin Cross Sections

71-Lu-168



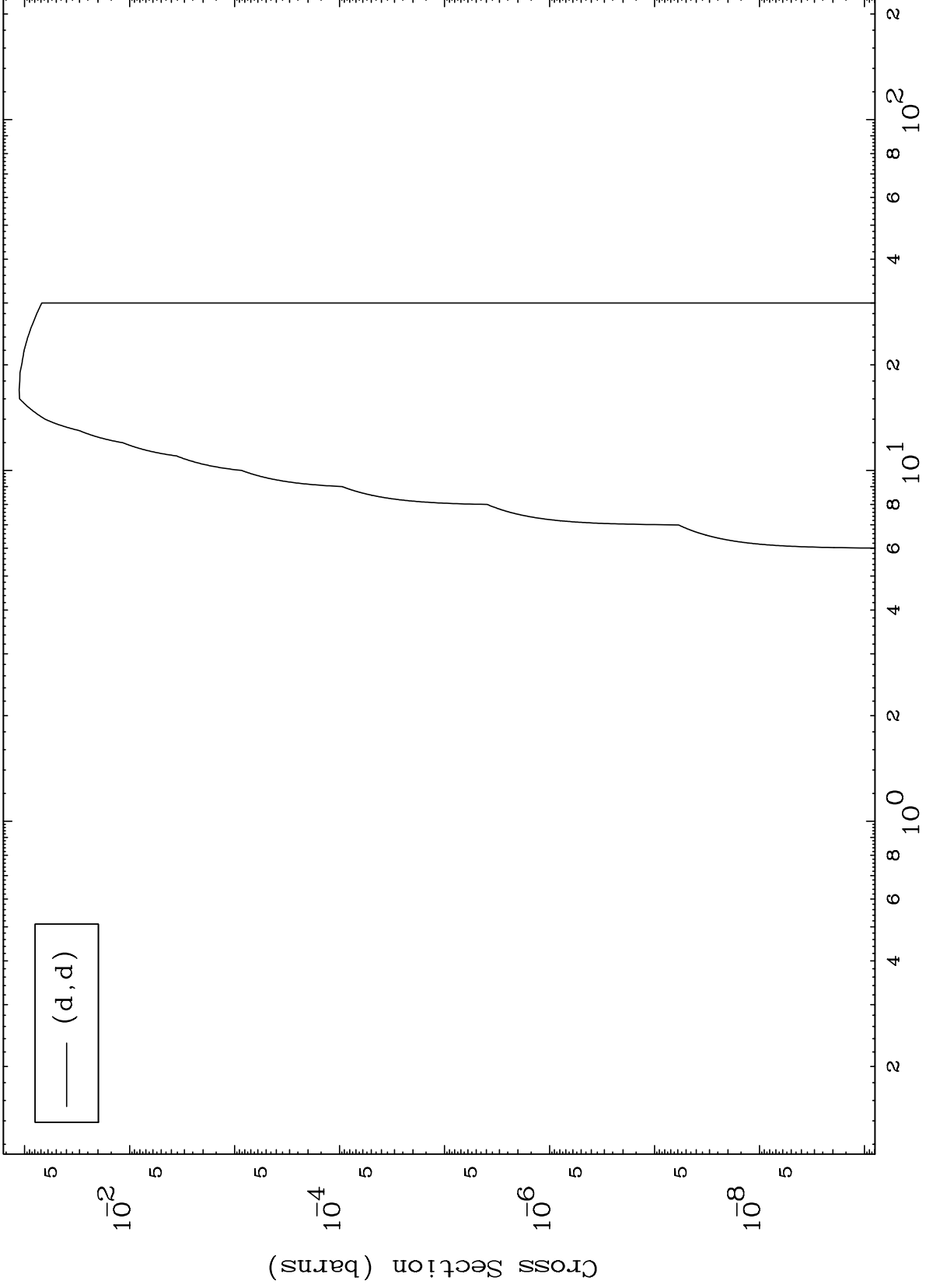


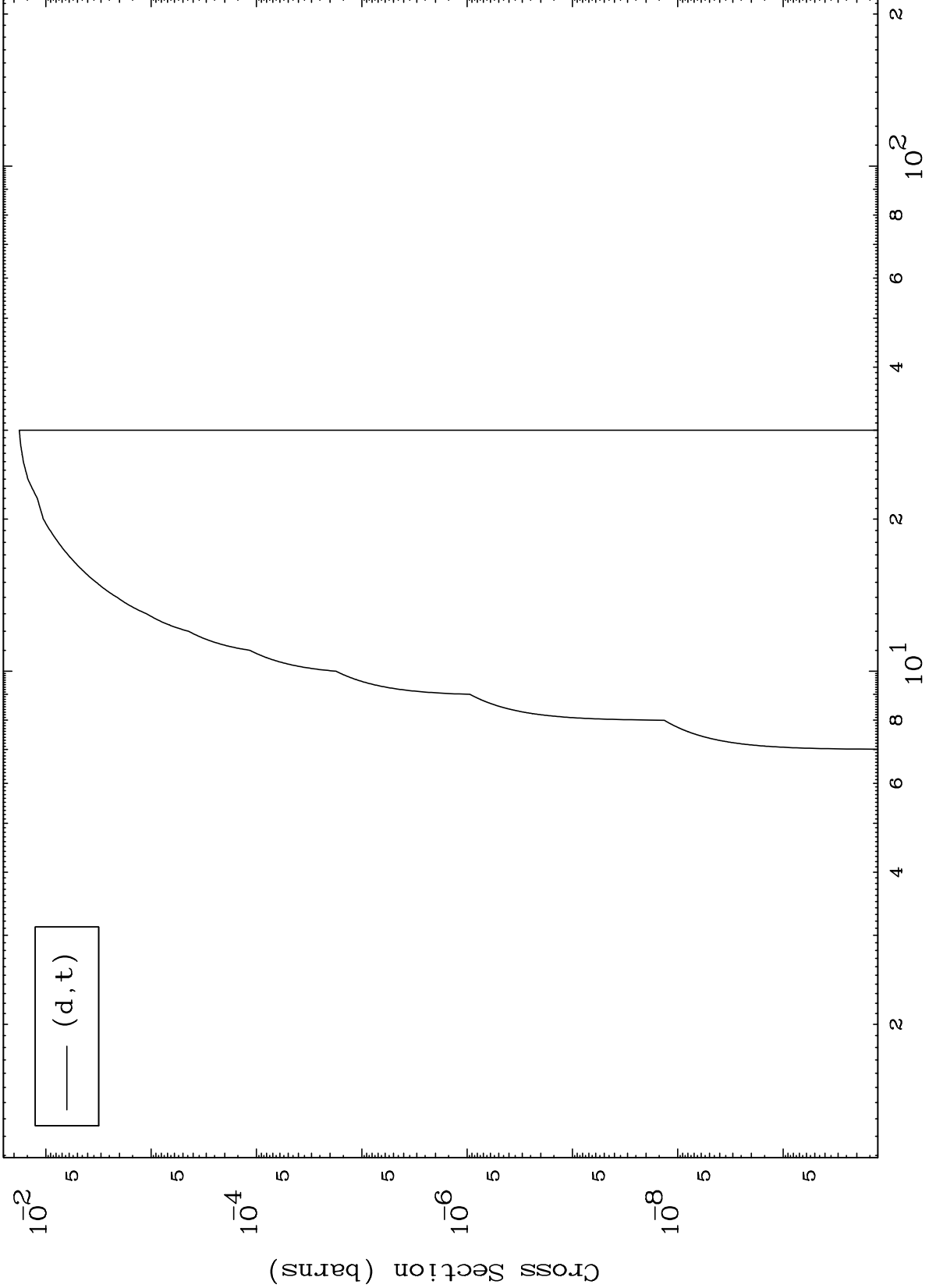
MAT 7105

(d,d) Levels

71-Lu-168

0 Kelvin Cross Sections



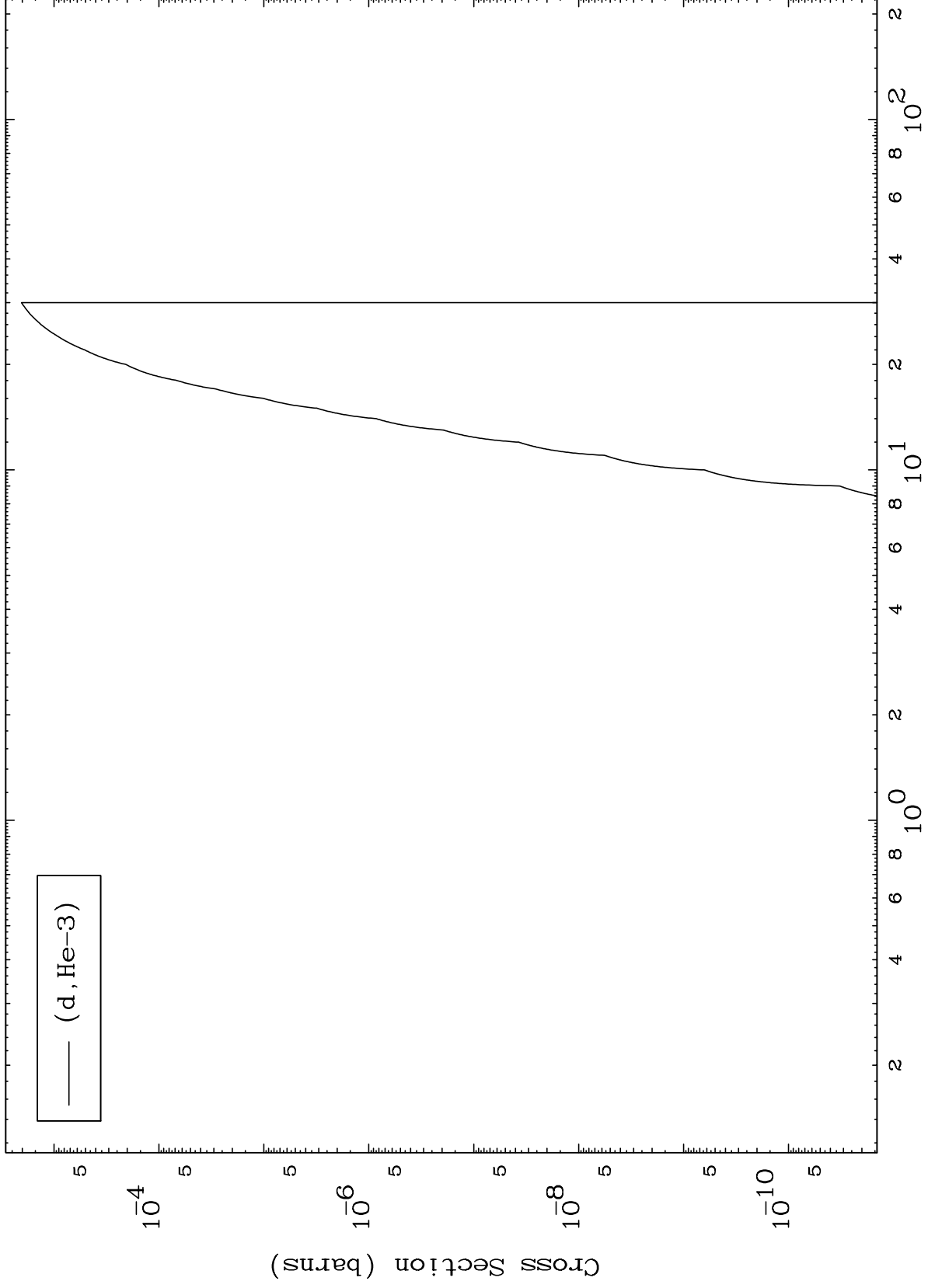


MAT 7105

(d,He3) Levels

71-Lu-168

0 Kelvin Cross Sections



10

Incident Energy (MeV)

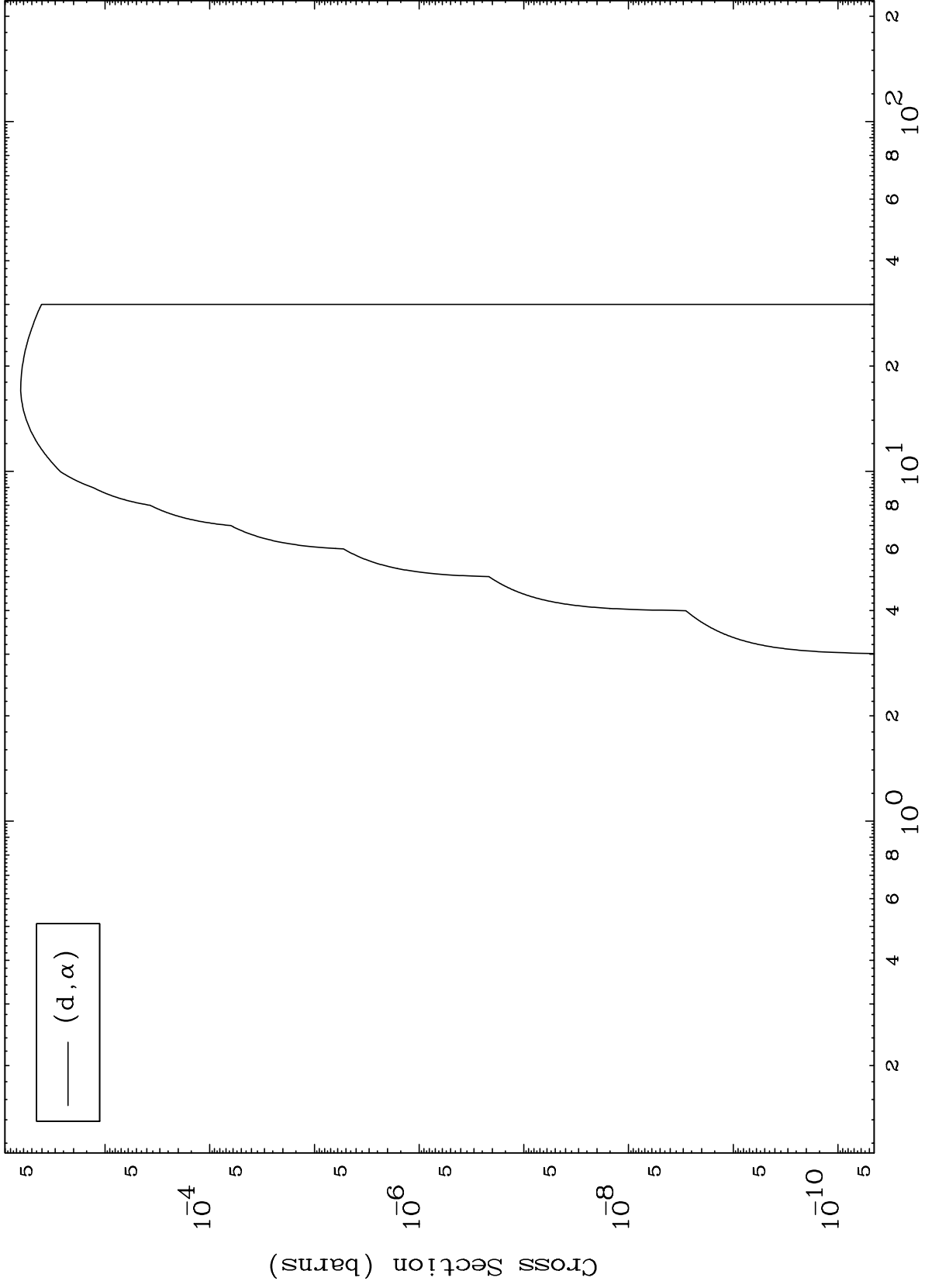
71-Lu-168

MAT 7105

(d,  $\alpha$ ) Levels

71-Lu-168

0 Kelvin Cross Sections



11

Incident Energy (MeV)

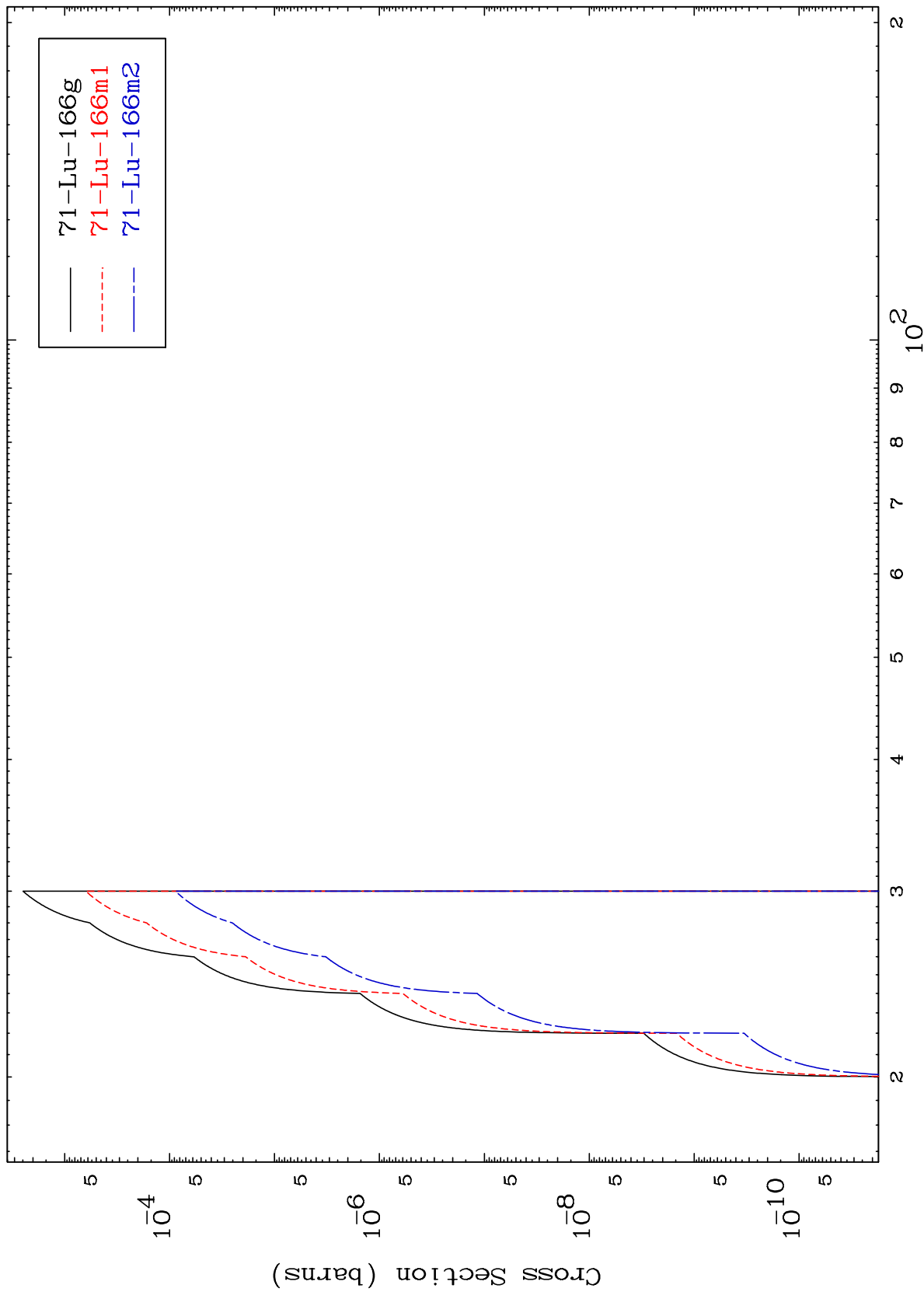
71-Lu-168

MAT 7105

(d,2n) d

71-Lu-168

Radionuclide Production Cross Section



12

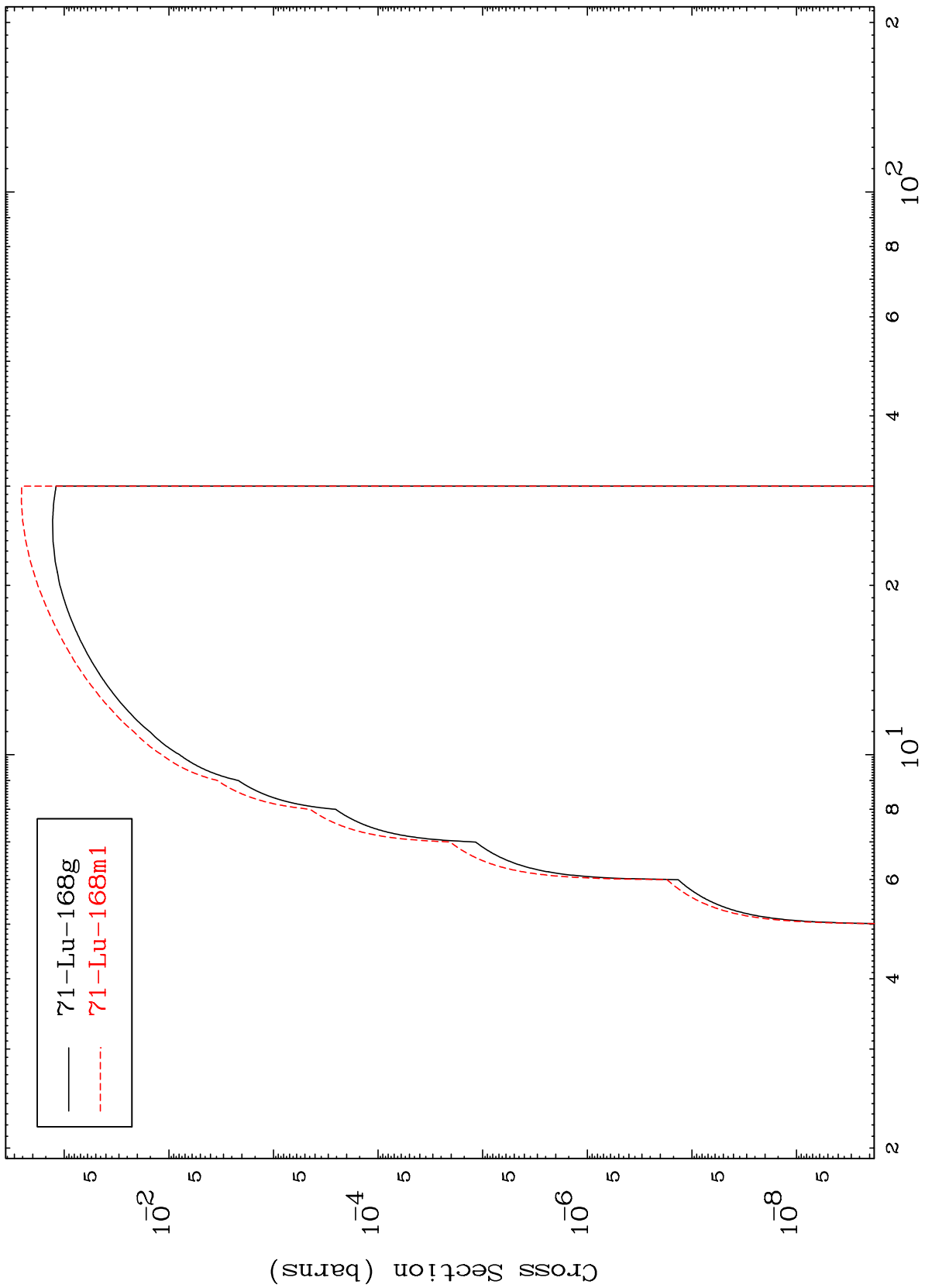
Incident Energy (MeV)

71-Lu-168

MAT 7105

<sup>71</sup>Lu-168

Radionuclide Production Cross Section (d,n') p



Legend:  
— 71-Lu-168g  
- - - 71-Lu-168m1

13

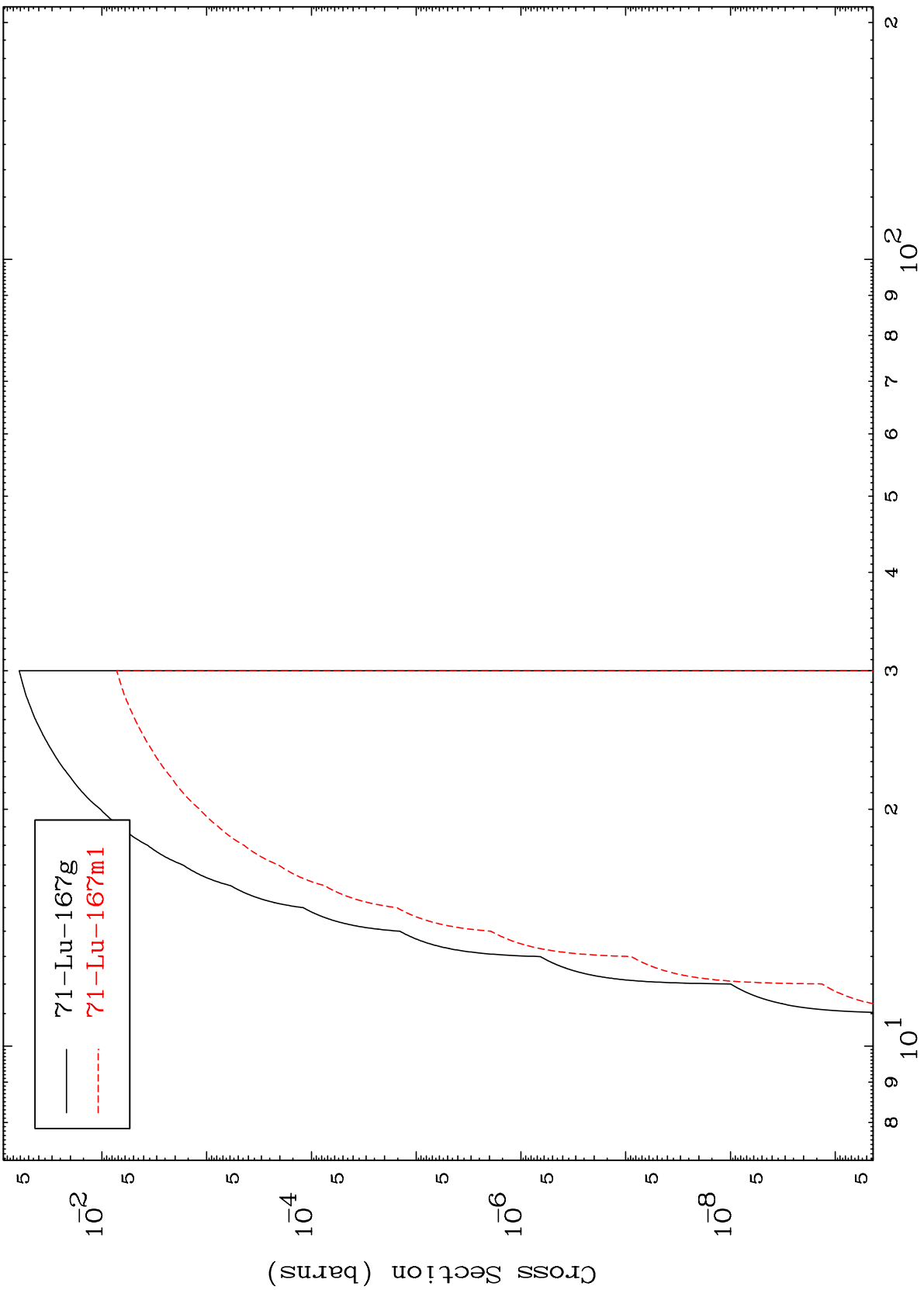
<sup>71</sup>Lu-168

MAT 7105

(d,n') d

<sup>71</sup>Lu-168

Radionuclide Production Cross Section

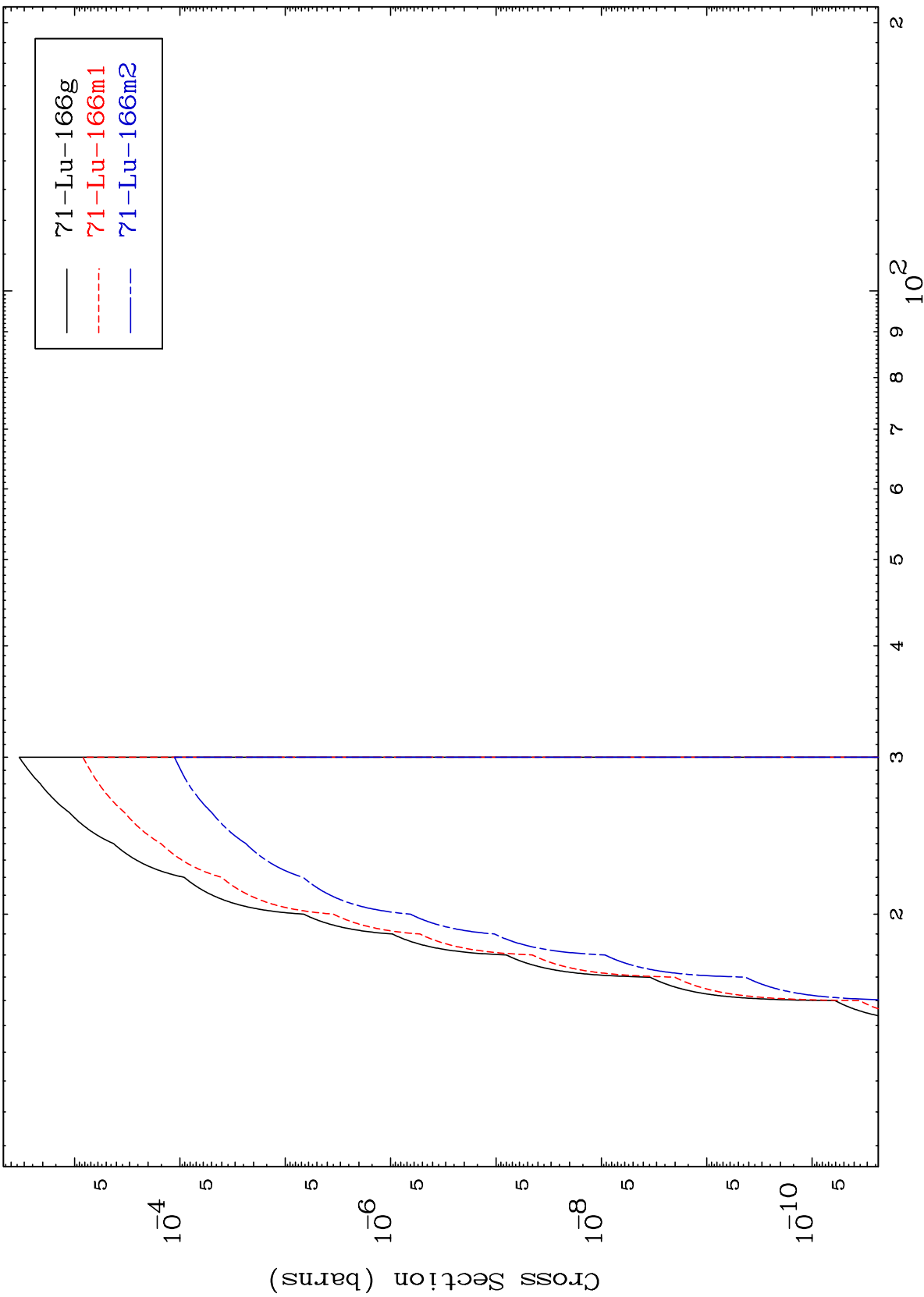


14

Incident Energy (MeV)

<sup>71</sup>Lu-168

Radionuclide Production Cross Section



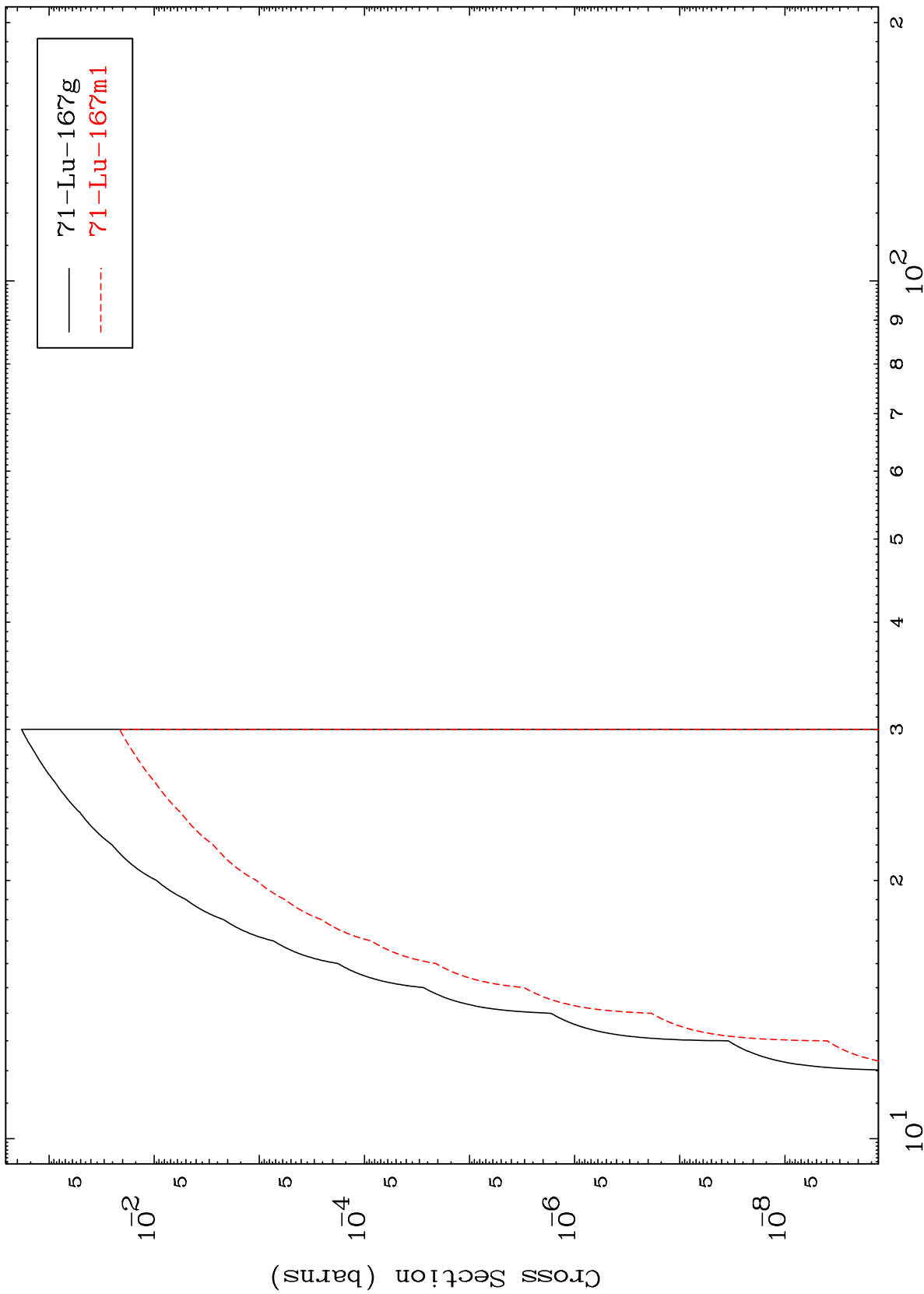


MAT 7105

(d,2n) p

71-Lu-168

Radionuclide Production Cross Section



Incident Energy (MeV)

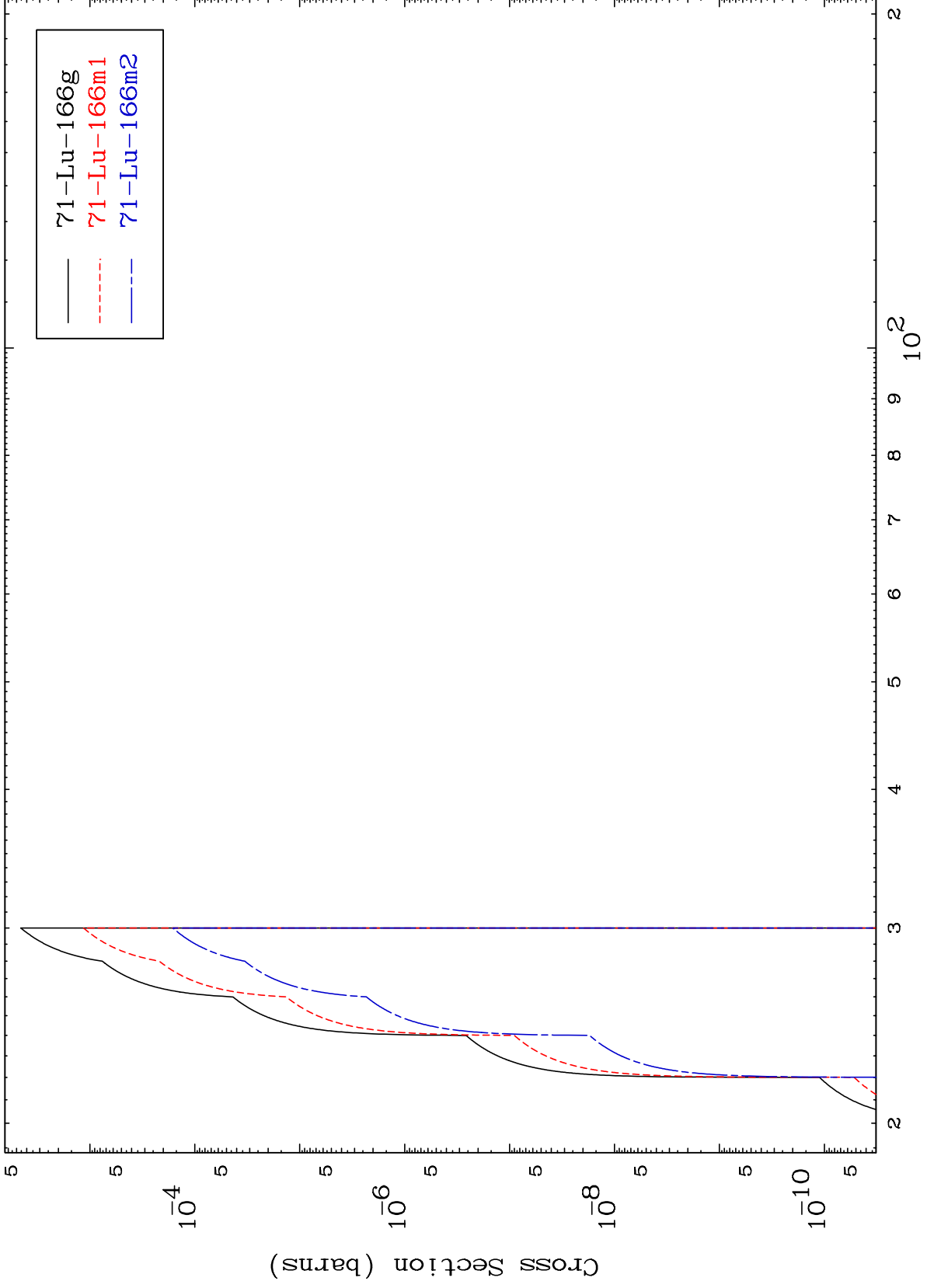
71-Lu-168

MAT 7105

(d,3n) p

71-Lu-168

Radionuclide Production Cross Section



17

Incident Energy (MeV)

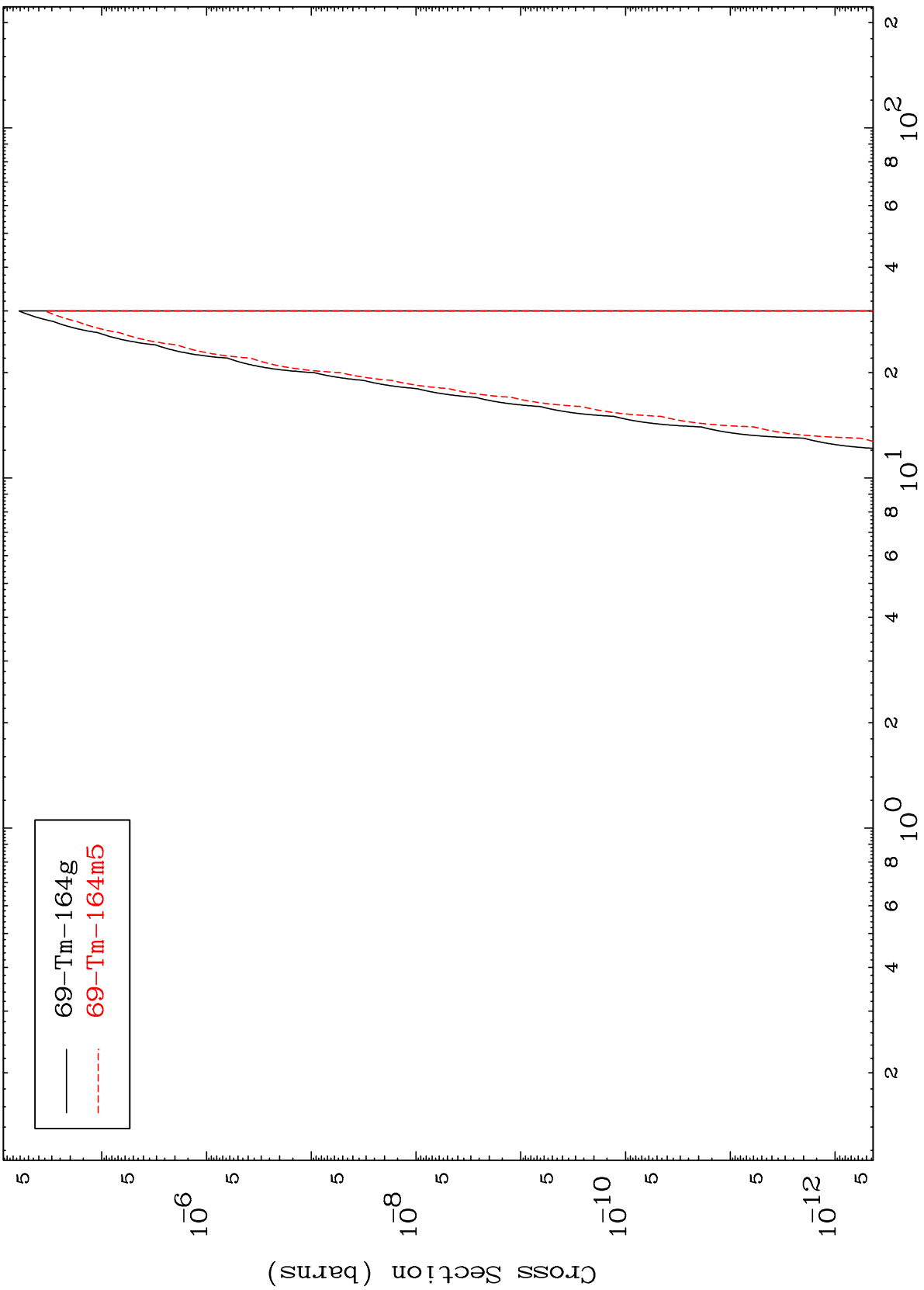
71-Lu-168

MAT 7105

(d,n') p  $\alpha$

71-Lu-168

Radionuclide Production Cross Section

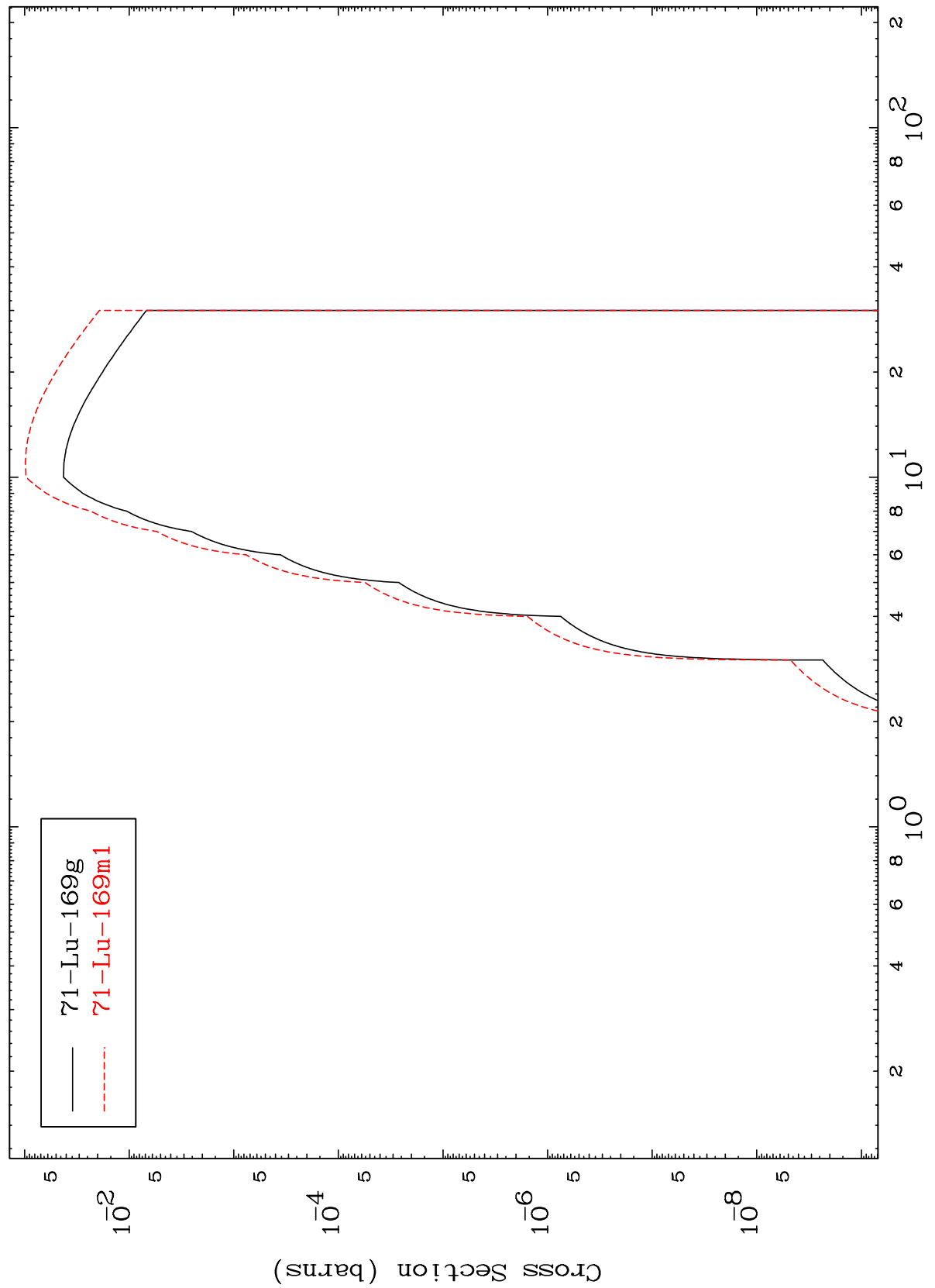


69-Tm-164g  
69-Tm-164m5

MAT 7105

71-Lu-168

(d,p)  
Radionuclide Production Cross Section



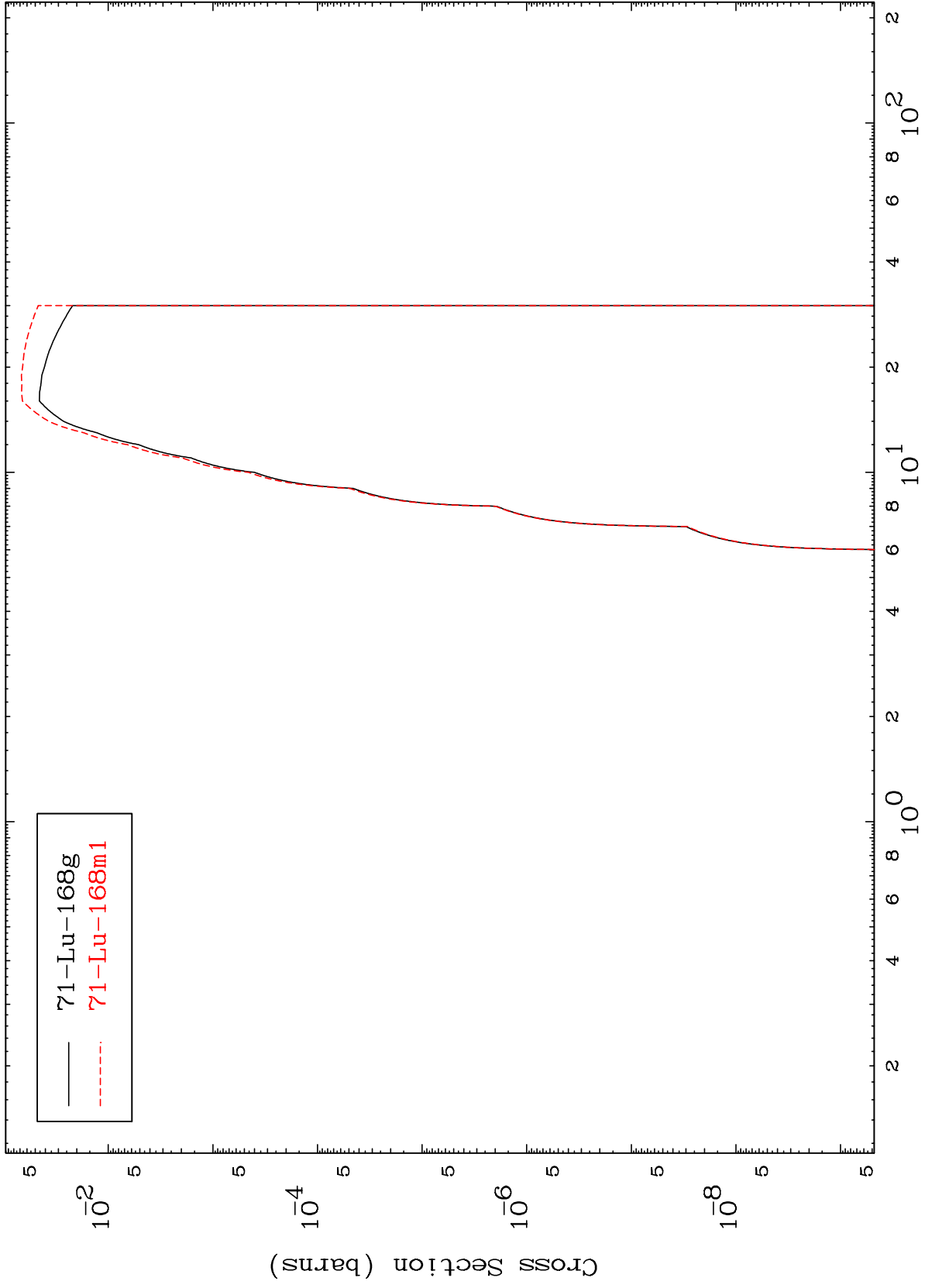
— 71-Lu-169g  
- - - 71-Lu-169m1

MAT 7105

(d,d)

<sup>71</sup>Lu-168

Radionuclide Production Cross Section



20

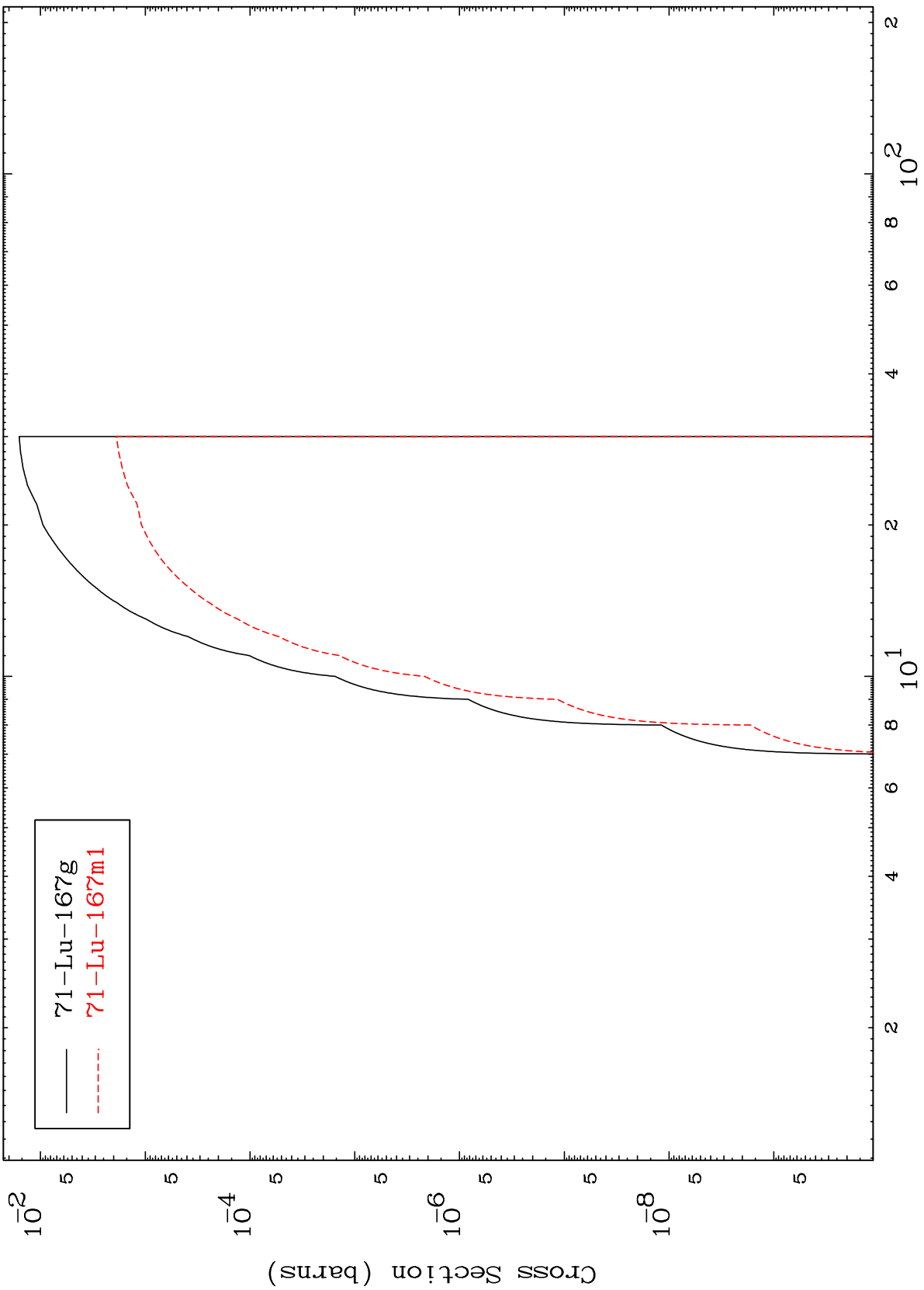
Incident Energy (MeV)

<sup>71</sup>Lu-168

MAT 7105

71-Lu-168

(d, t)  
Radionuclide Production Cross Section

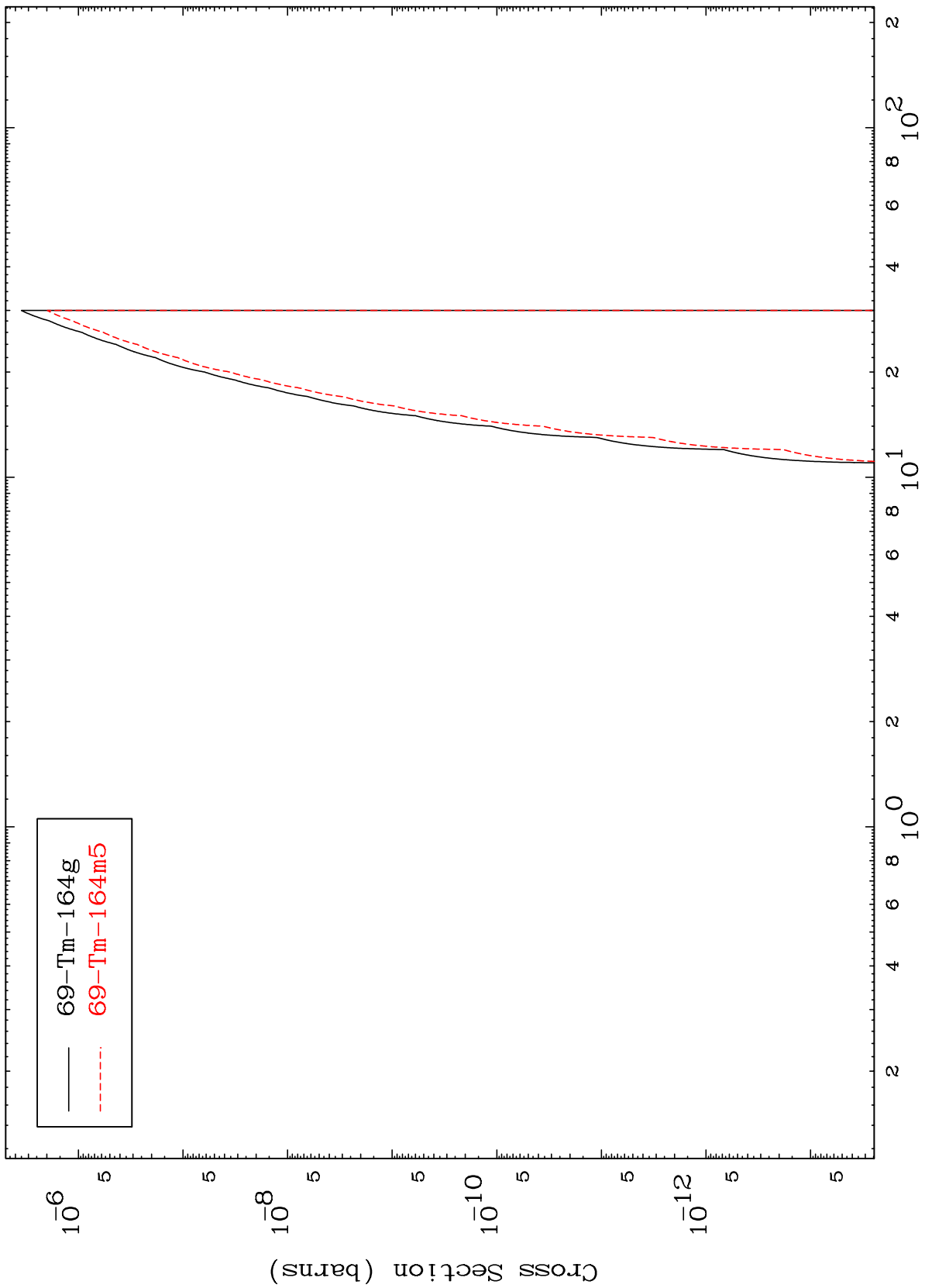


MAT 7105

(d,d)  $\alpha$

71-Lu-168

Radionuclide Production Cross Section



22

Incident Energy (MeV)

71-Lu-168