

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

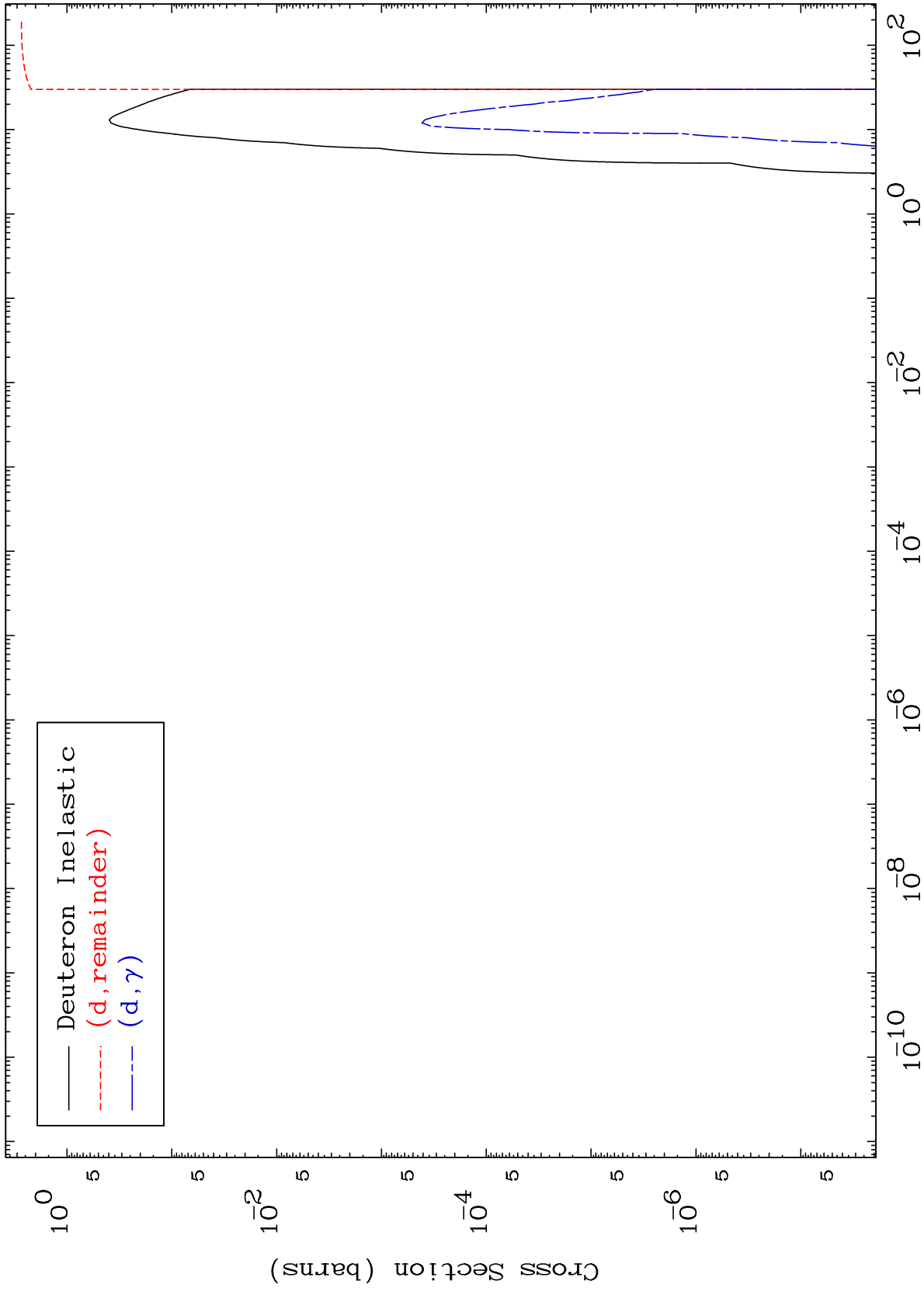
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

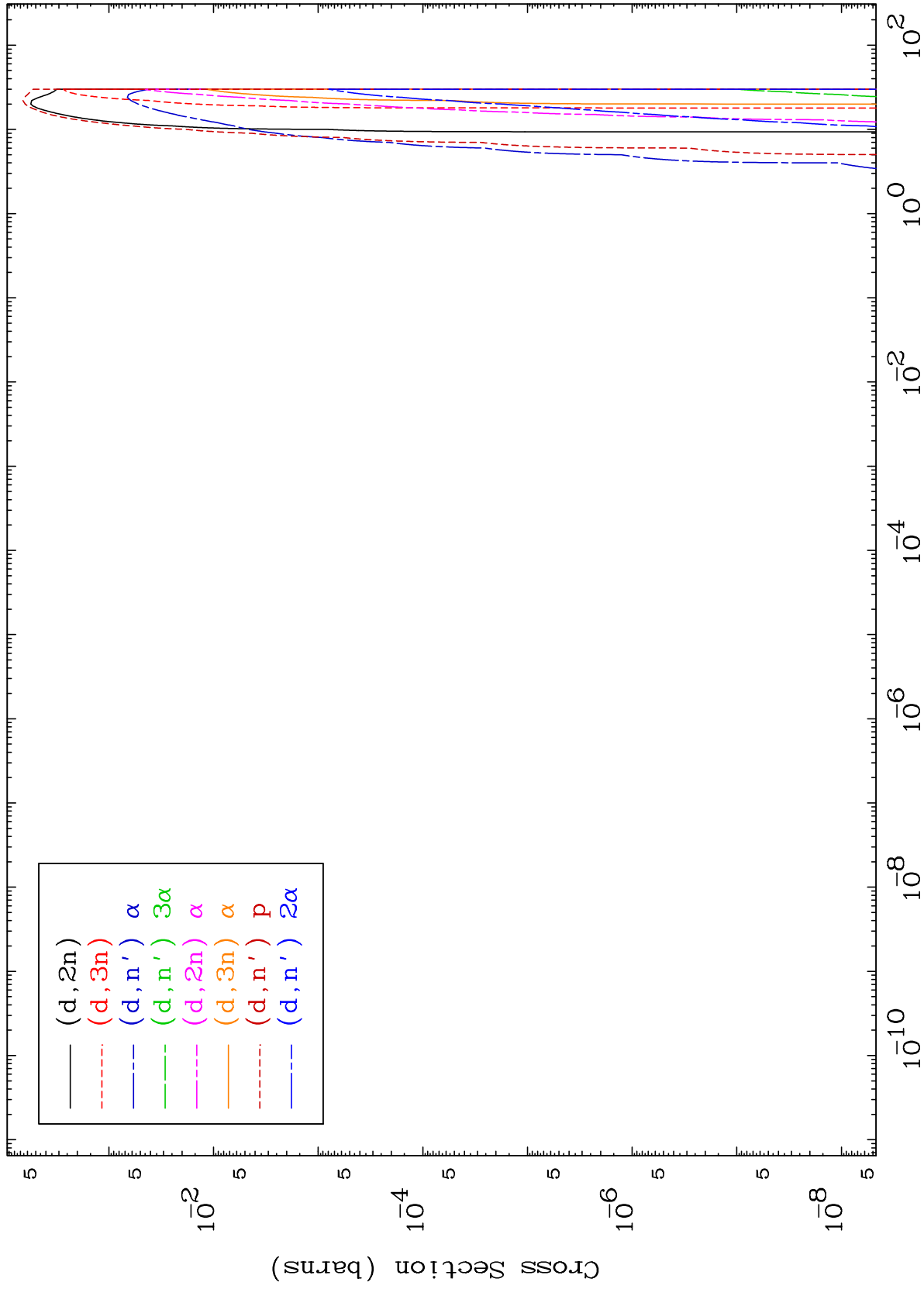
Press Mouse Button to Start



MAT 7083

Deuteron Neutron Production  
0 Kelvin Cross Sections

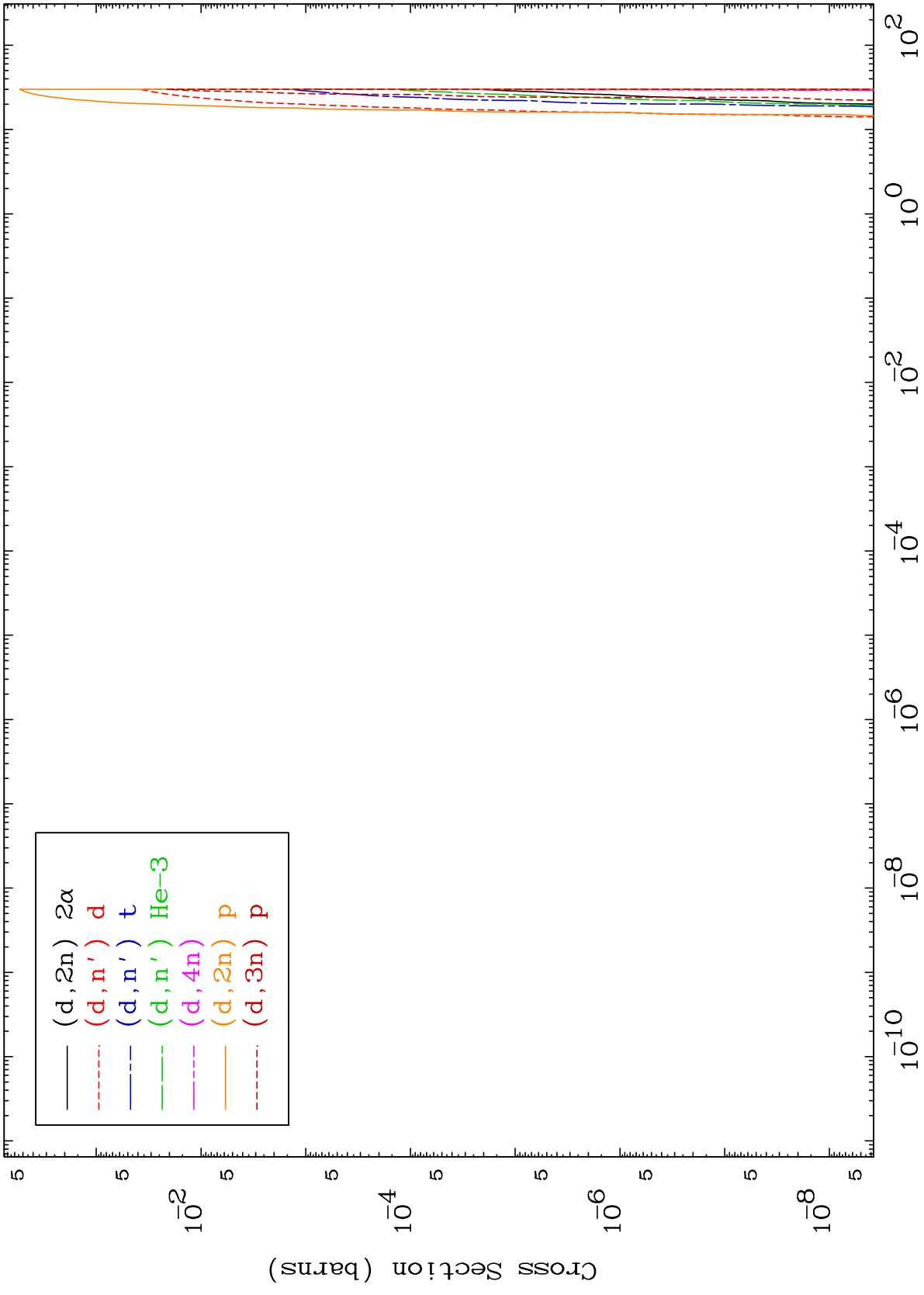
71-Lu-161



2

Incident Energy (MeV)

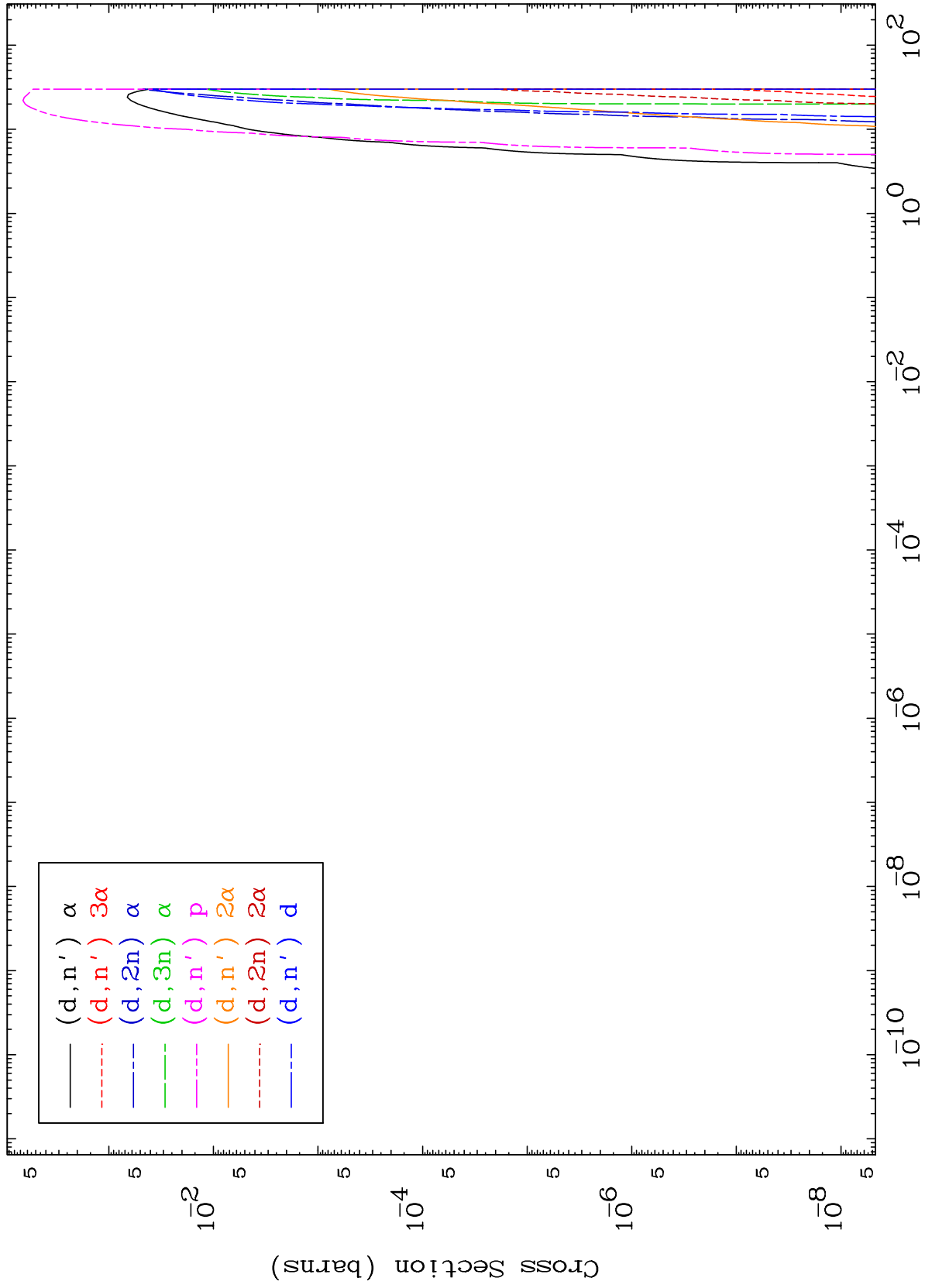
71-Lu-161

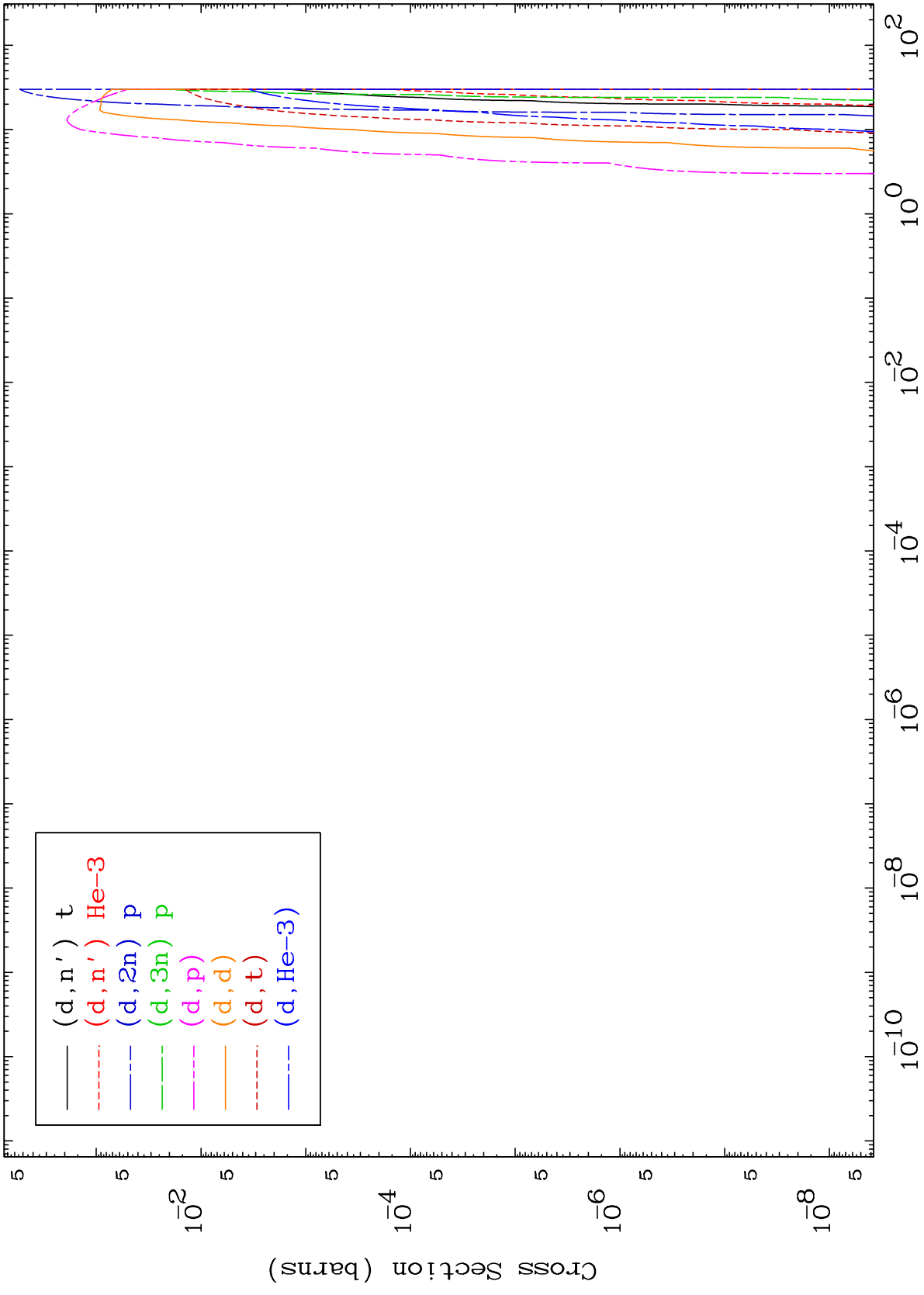


MAT 7083

Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-161

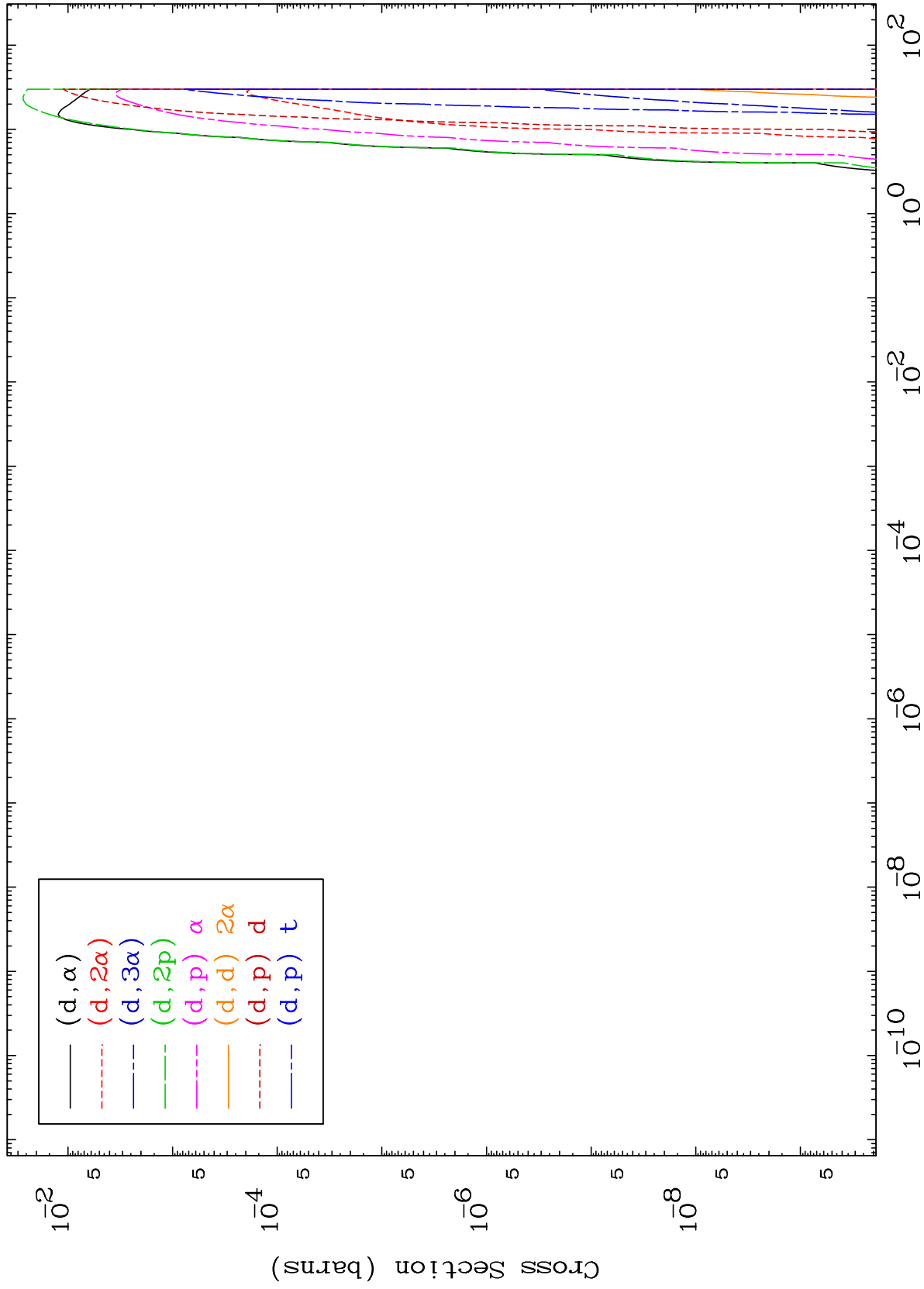




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Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-161



6

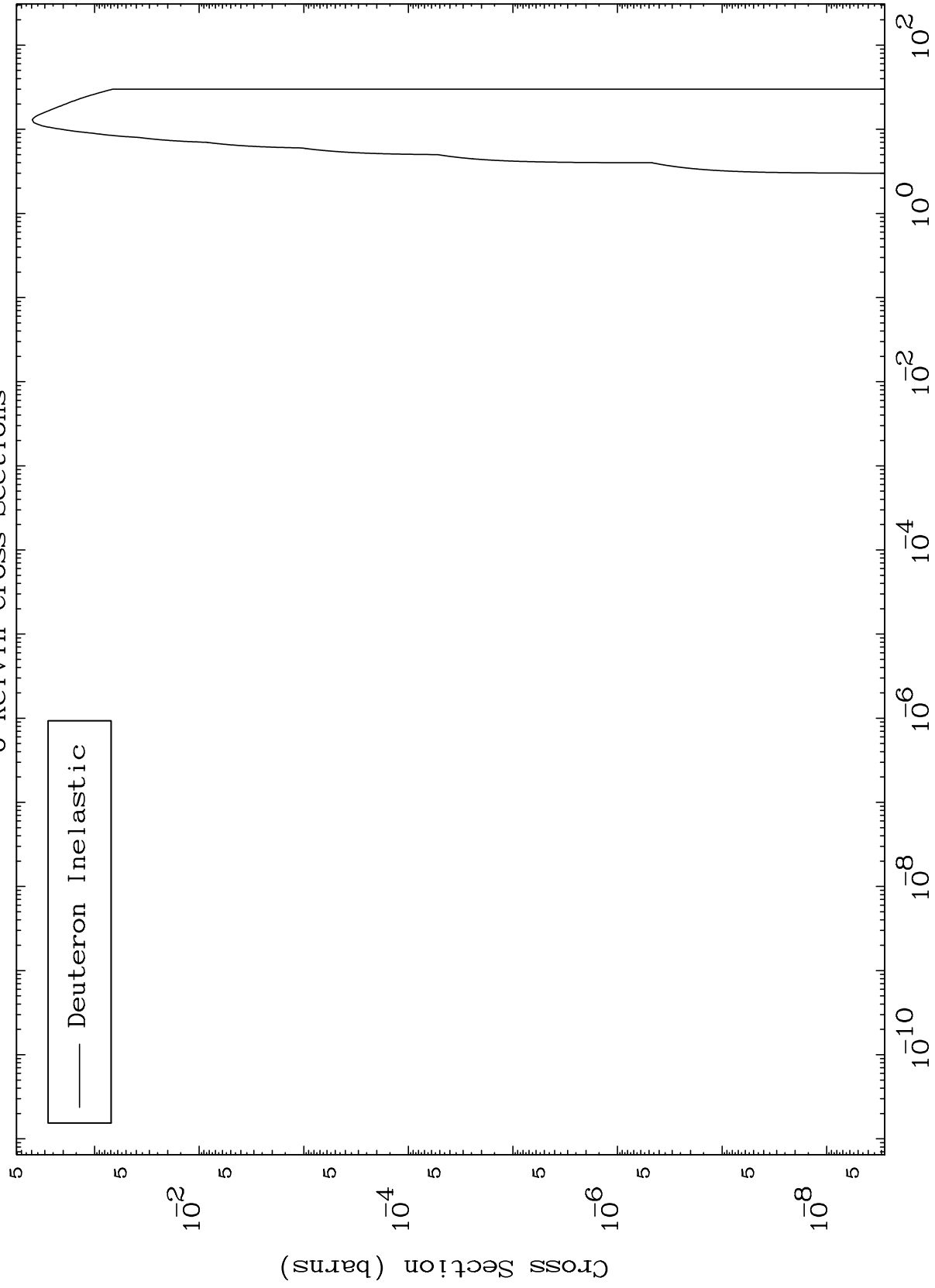
Incident Energy (MeV)

71-Lu-161

MAT 7083

(d,n') Level  
0 Kelvin Cross Sections

71-Lu-161



7

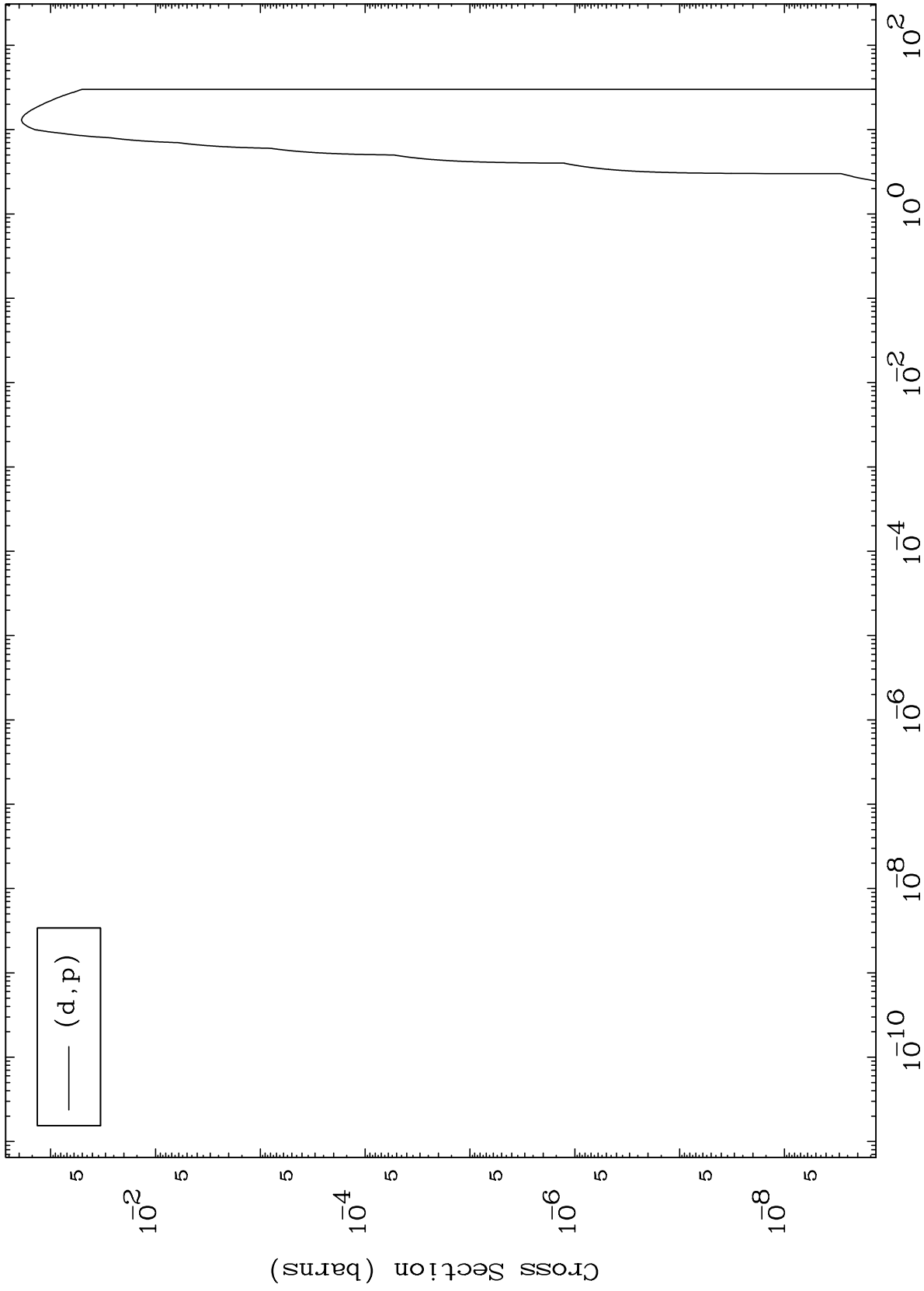
Incident Energy (MeV)

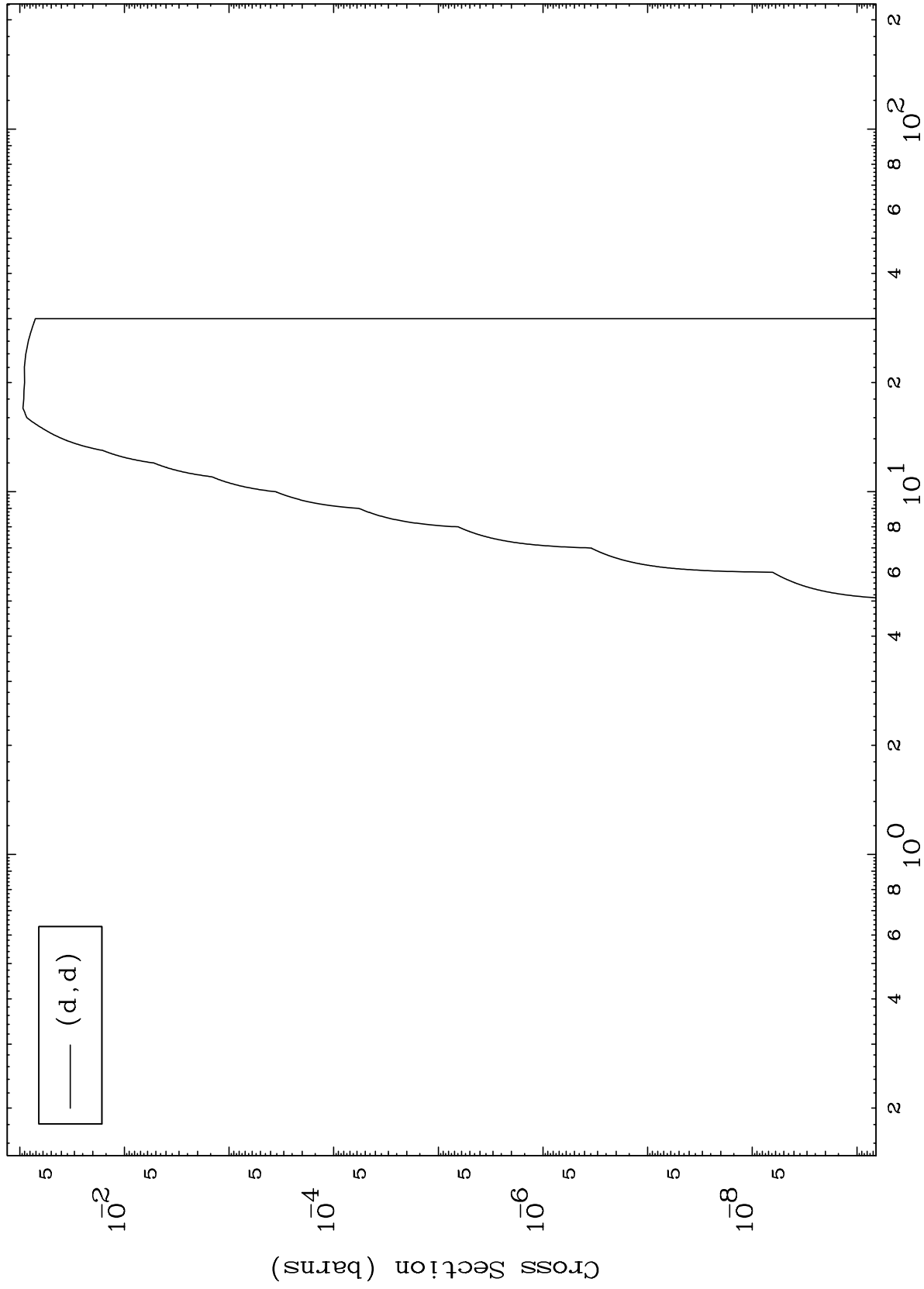
71-Lu-161

MAT 7083

(d,p) Levels  
0 Kelvin Cross Sections

71-Lu-161

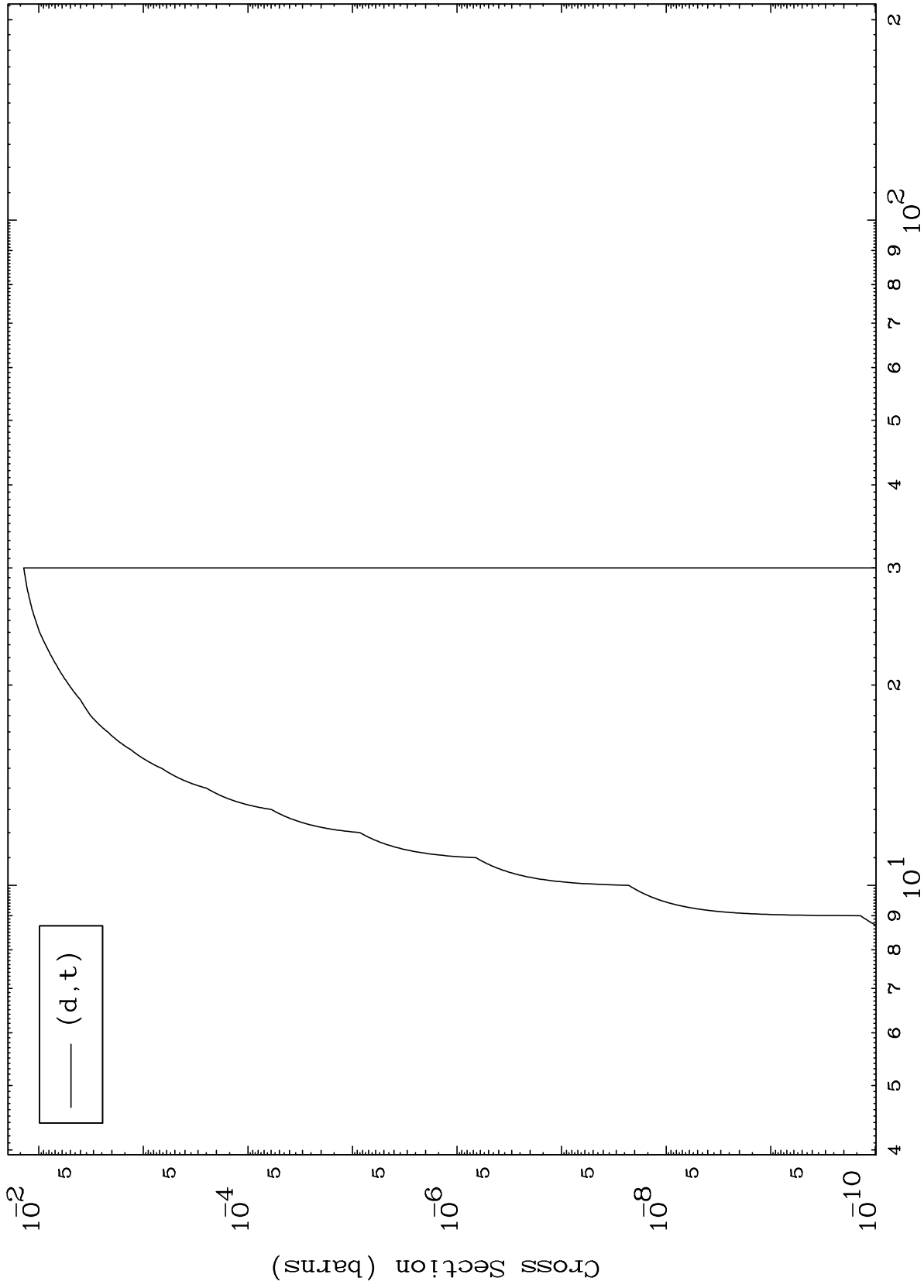




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(d,t) Levels  
0 Kelvin Cross Sections

71-Lu-161



10

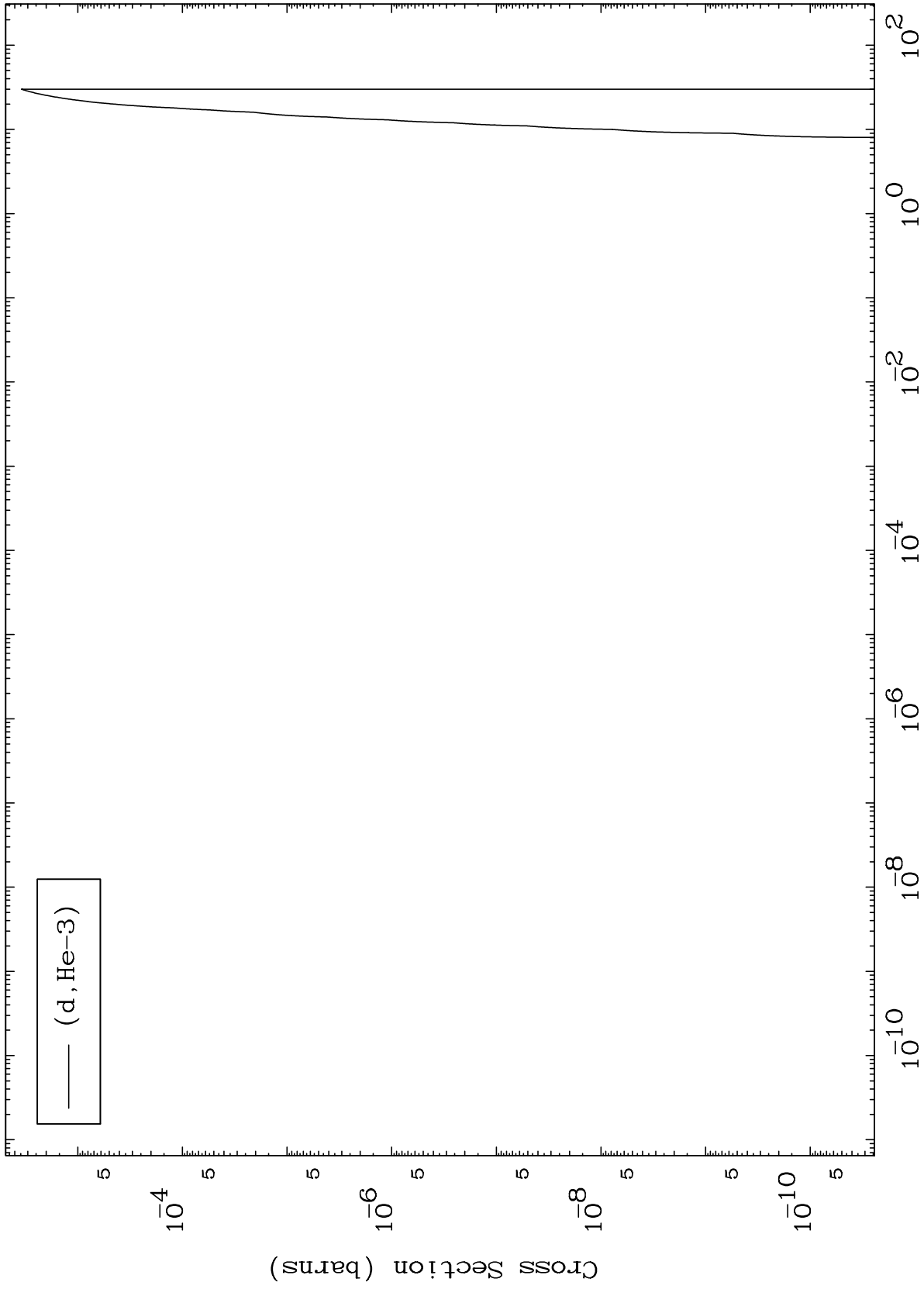
Incident Energy (MeV)

71-Lu-161

MAT 7083

(d,He3) Levels  
0 Kelvin Cross Sections

71-Lu-161



11

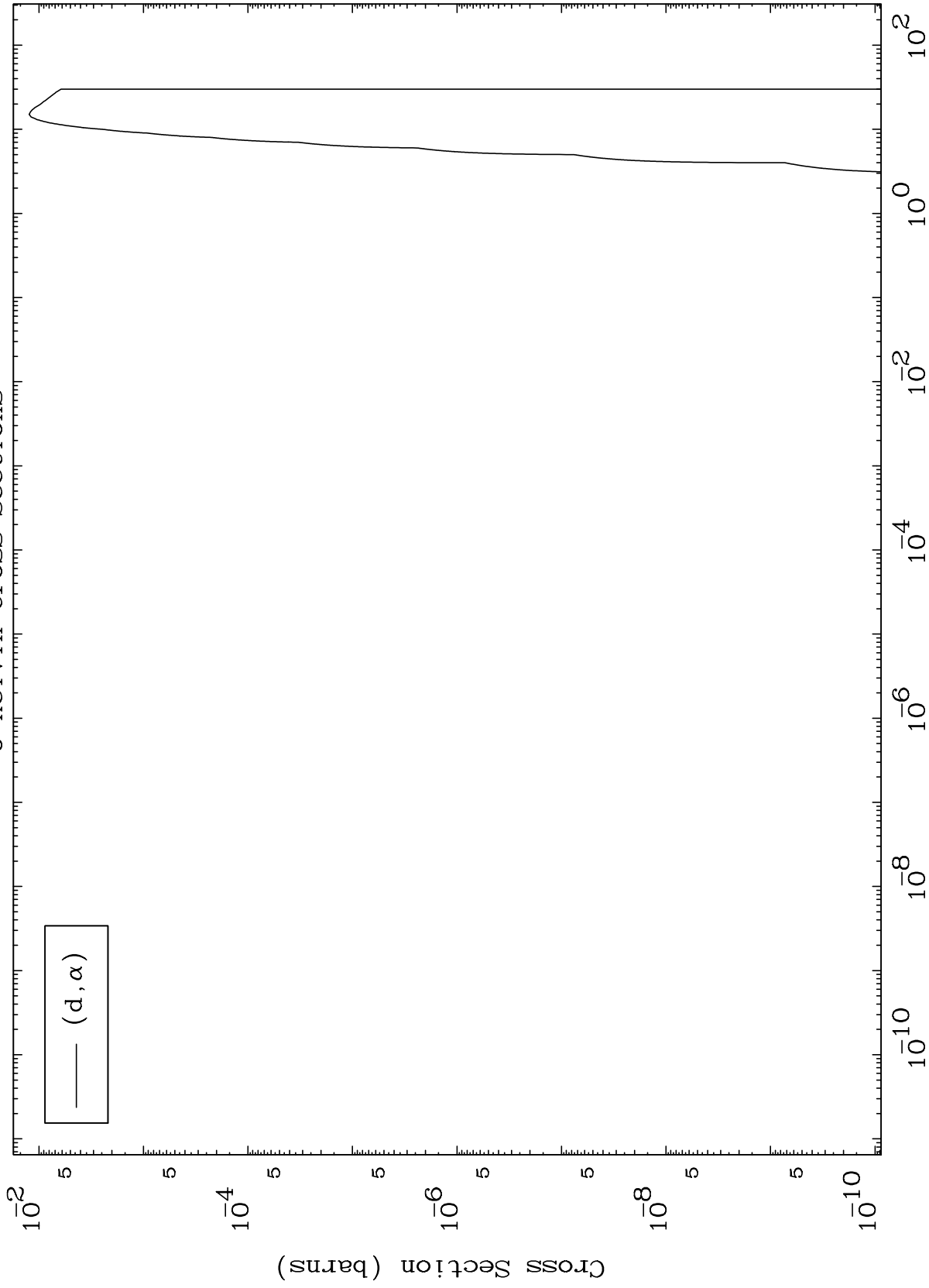
Incident Energy (MeV)

71-Lu-161

MAT 7083

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

71-Lu-161



12

Incident Energy (MeV)

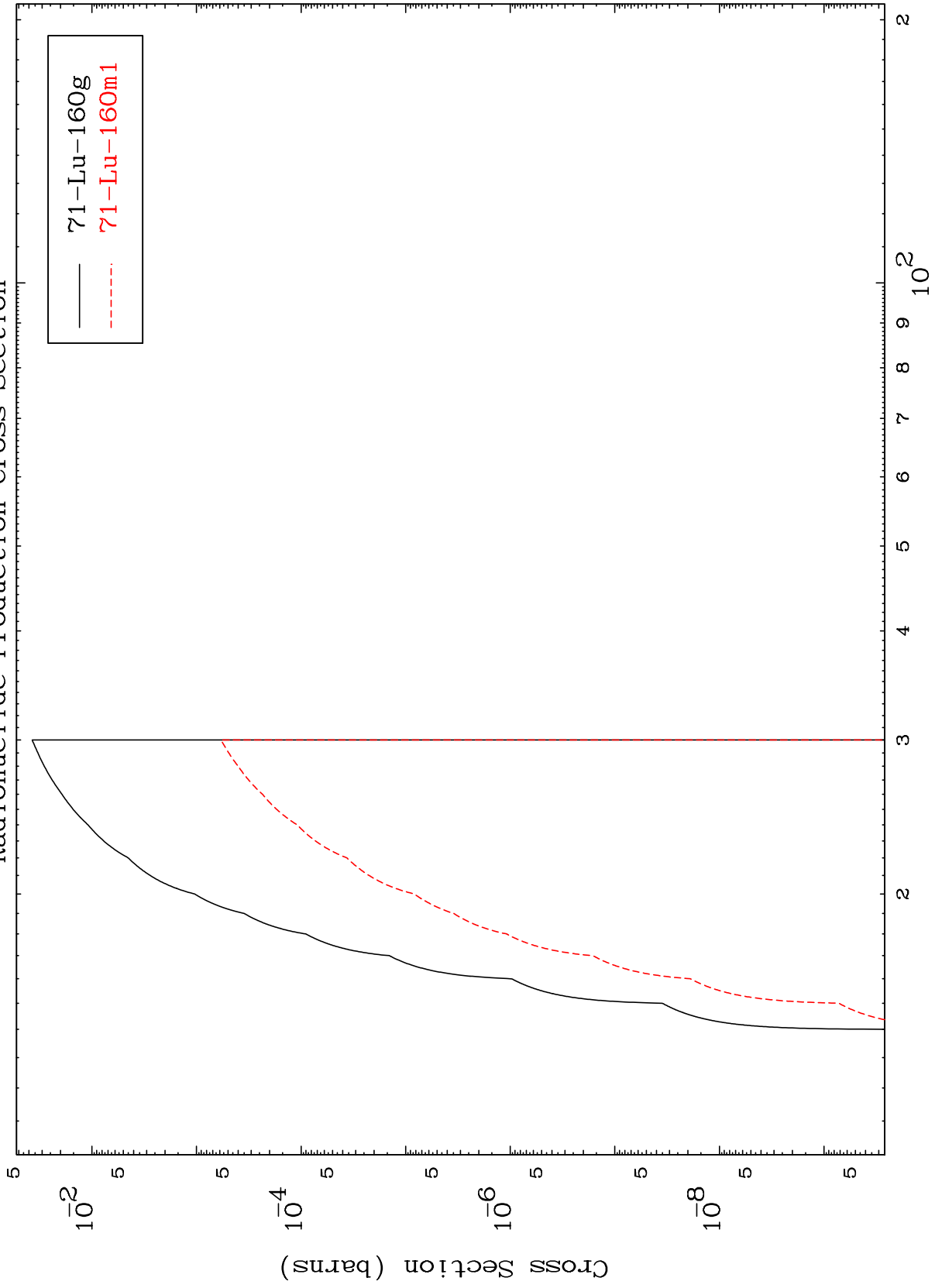
71-Lu-161

MAT 7083

(d,n') d

<sup>71</sup>Lu-161

Radionuclide Production Cross Section



13

Incident Energy (MeV)

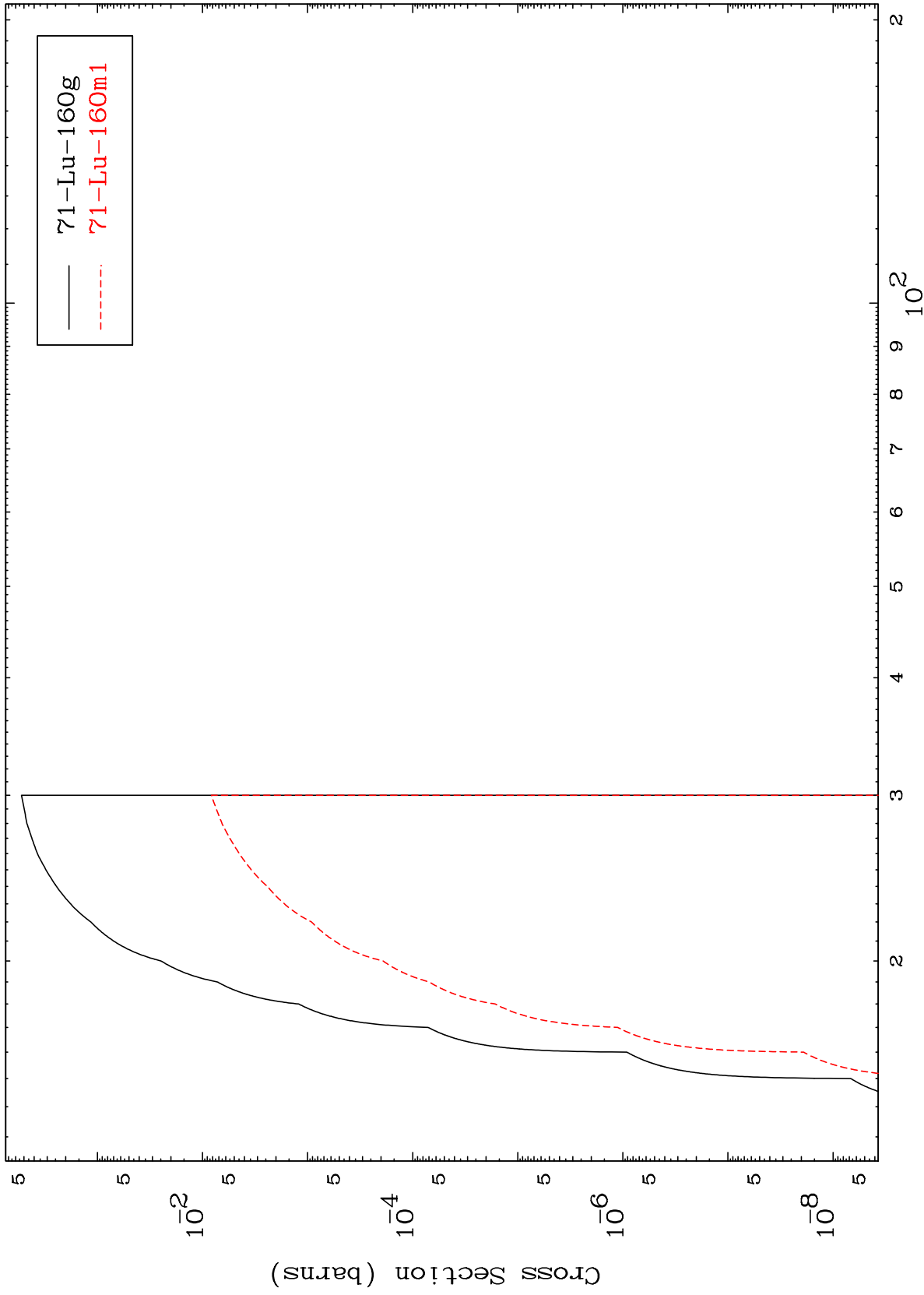
<sup>71</sup>Lu-161

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(d,2n) p

<sup>71</sup>Lu-161

Radionuclide Production Cross Section



14

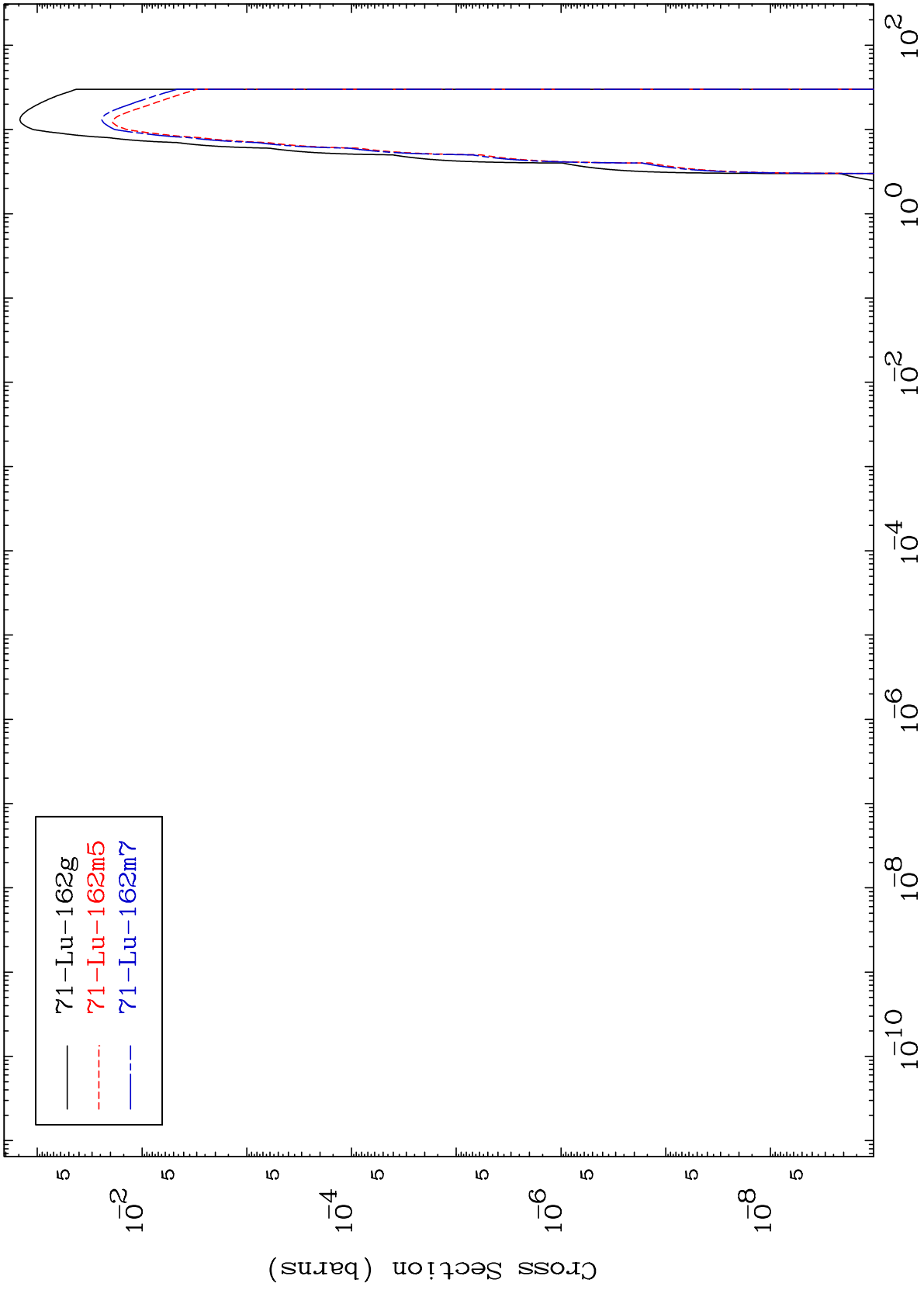
Incident Energy (MeV)

<sup>71</sup>Lu-161

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(d,p)  
Radionuclide Production Cross Section

<sup>71</sup>Lu-161



15

Incident Energy (MeV)

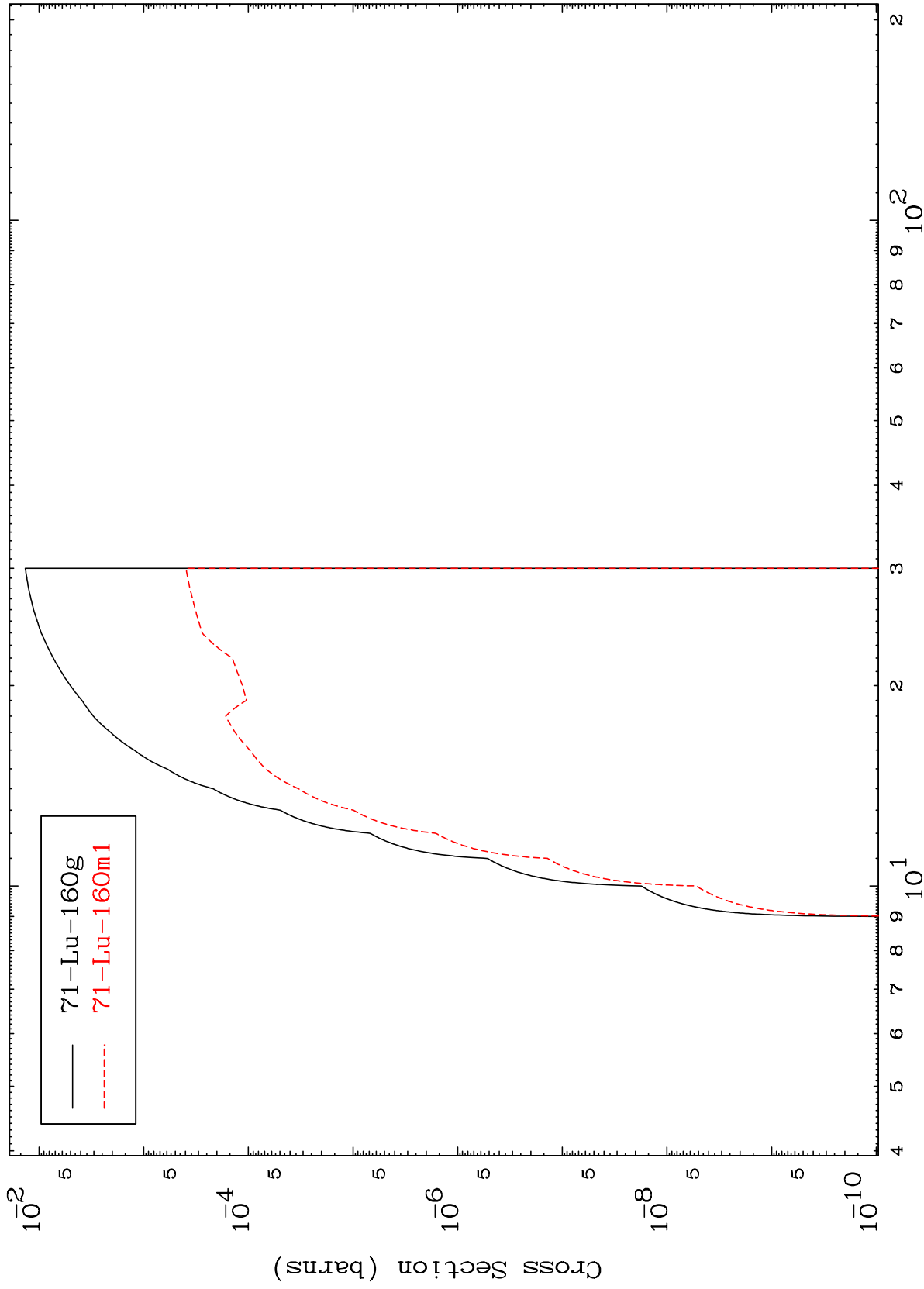
<sup>71</sup>Lu-161

MAT 7083

(d, t)

<sup>71</sup>Lu-161

Radionuclide Production Cross Section



— <sup>71</sup>Lu-160g  
- - - <sup>71</sup>Lu-160m1

16

Incident Energy (MeV)

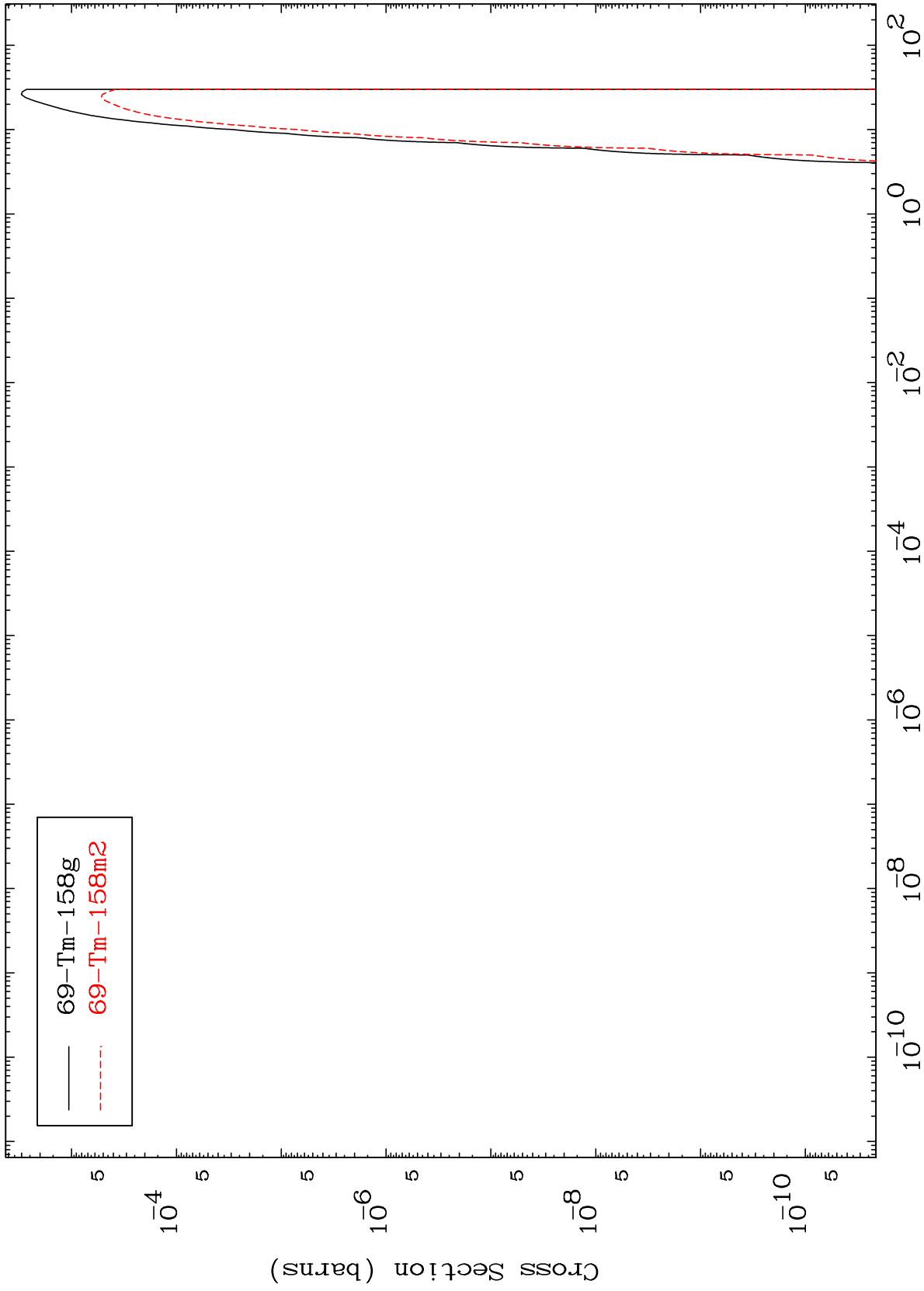
<sup>71</sup>Lu-161

MAT 7083

(d,p)  $\alpha$

<sup>71</sup>Lu-161

Radionuclide Production Cross Section



MAT 7083

(d,d)  $2\alpha$

$^{71}\text{Lu-161}$

Radionuclide Production Cross Section

