

Program EVALPLOT  
(Version 2018-1)

by

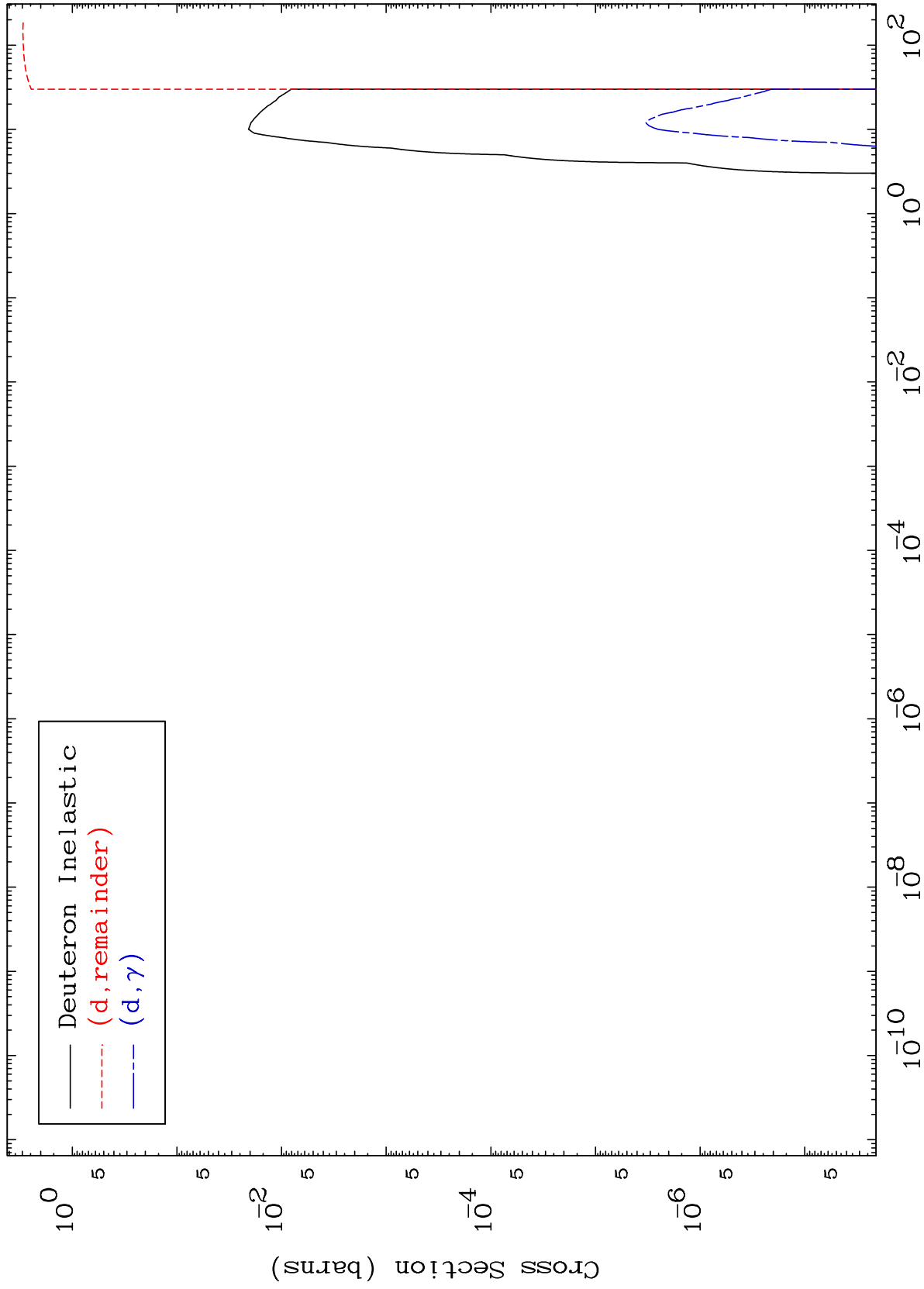
Dermott E. Cullen  
(Present Contact Information)

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Livermore, CA 94550  
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Tele: 925-443-1911

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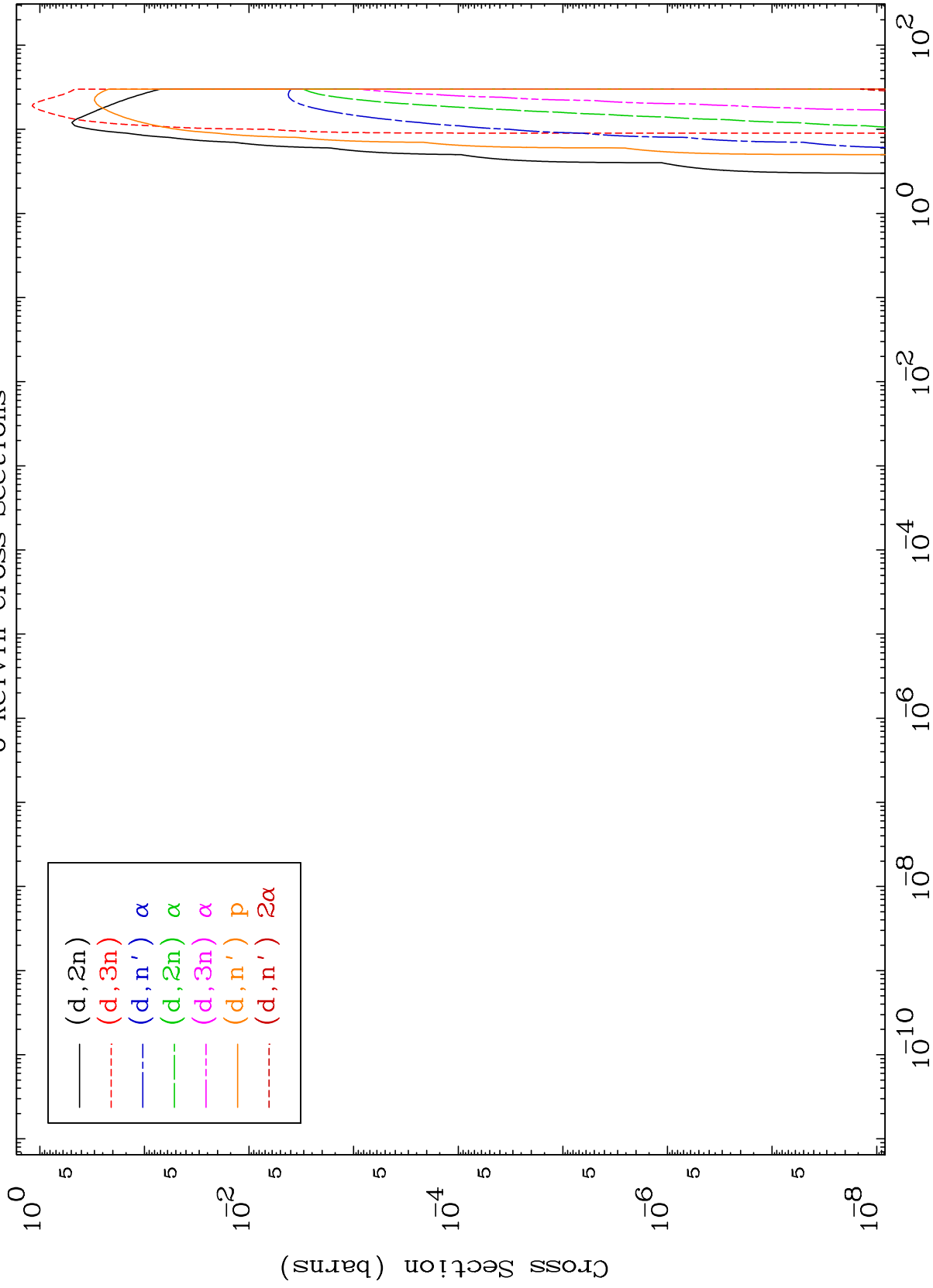
Press Mouse Button to Start



MAT 7131

Deuteron Neutron Production  
0 Kelvin Cross Sections

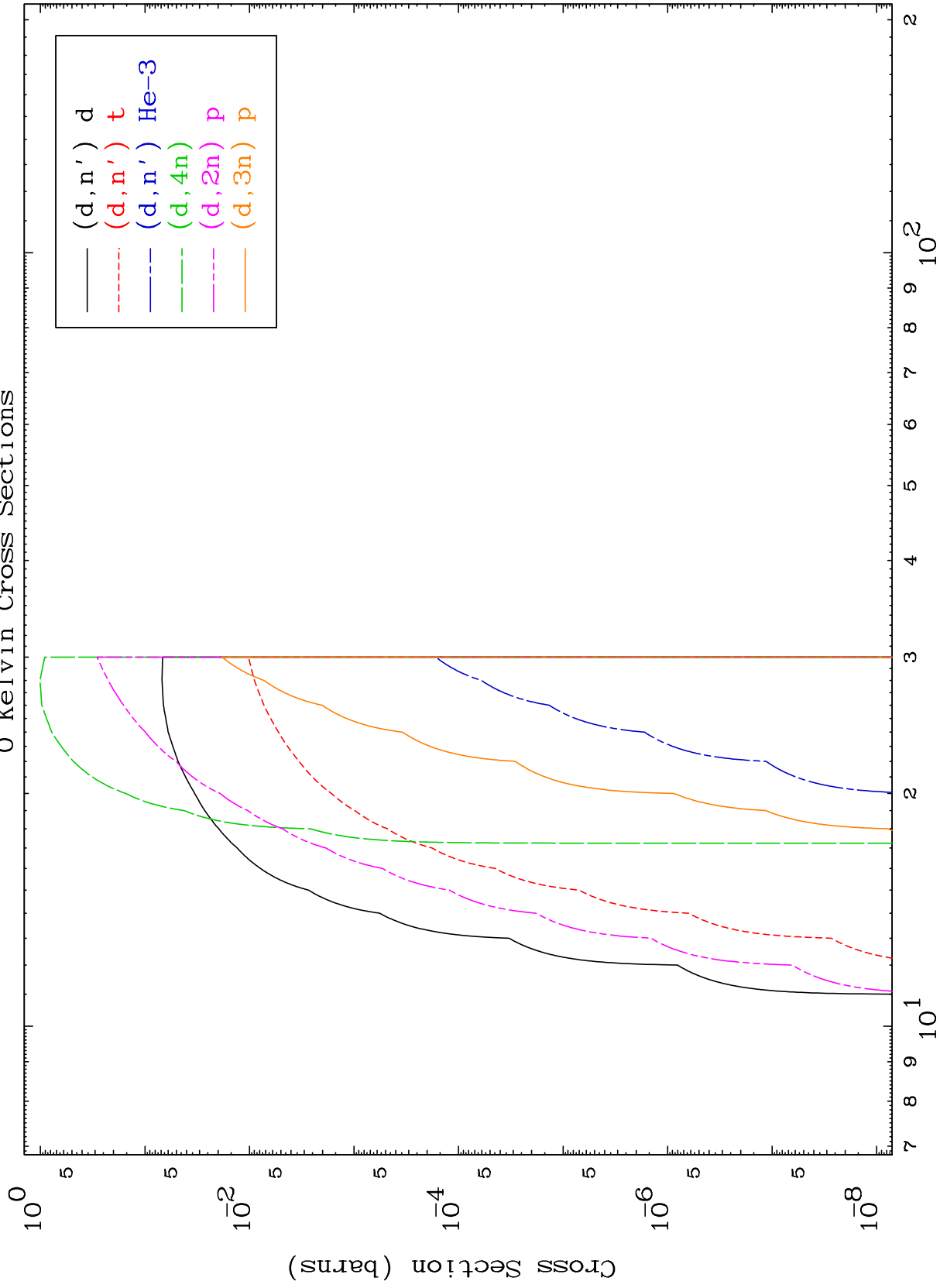
71-Lu-177

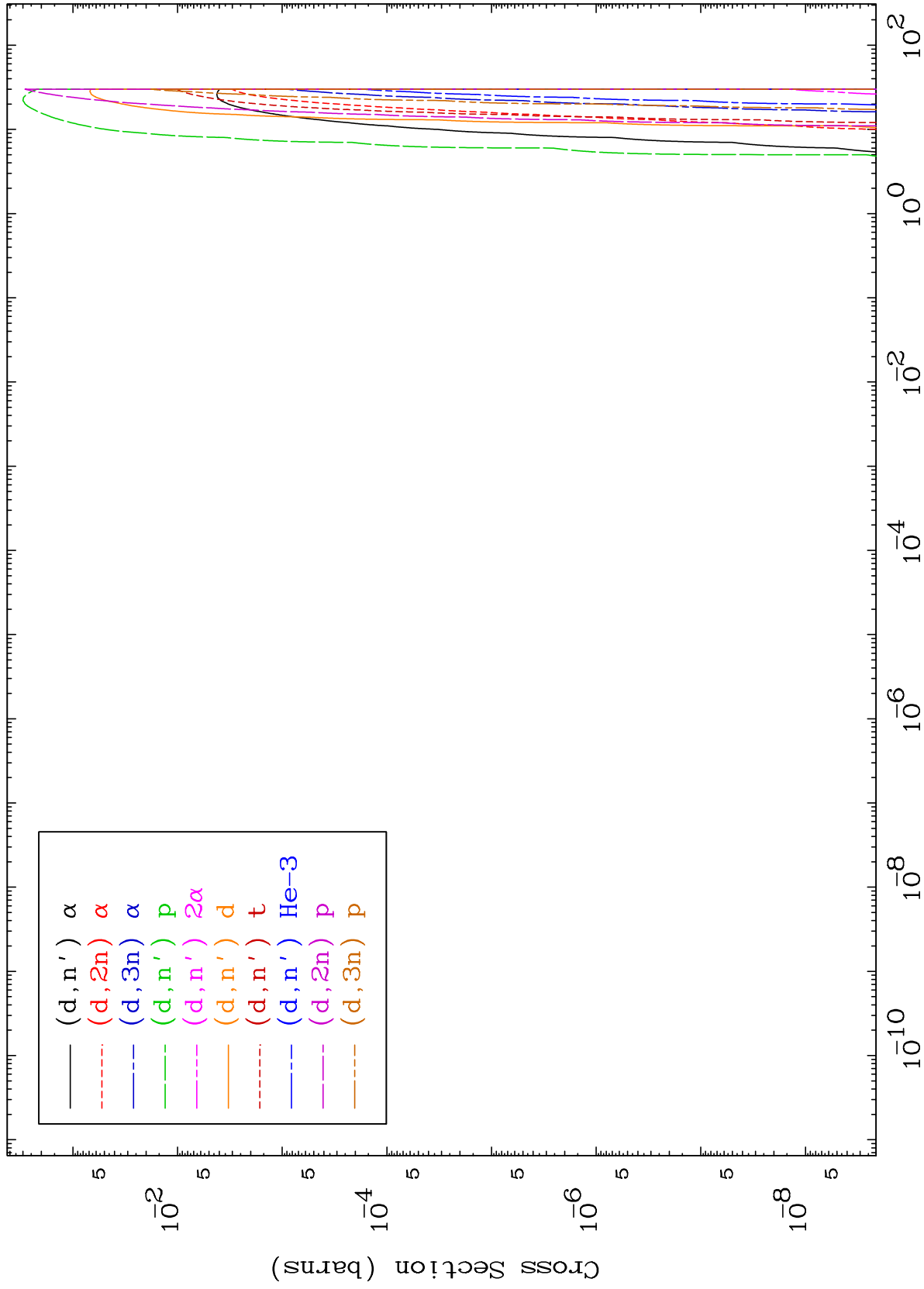


2

Incident Energy (MeV)

71-Lu-177

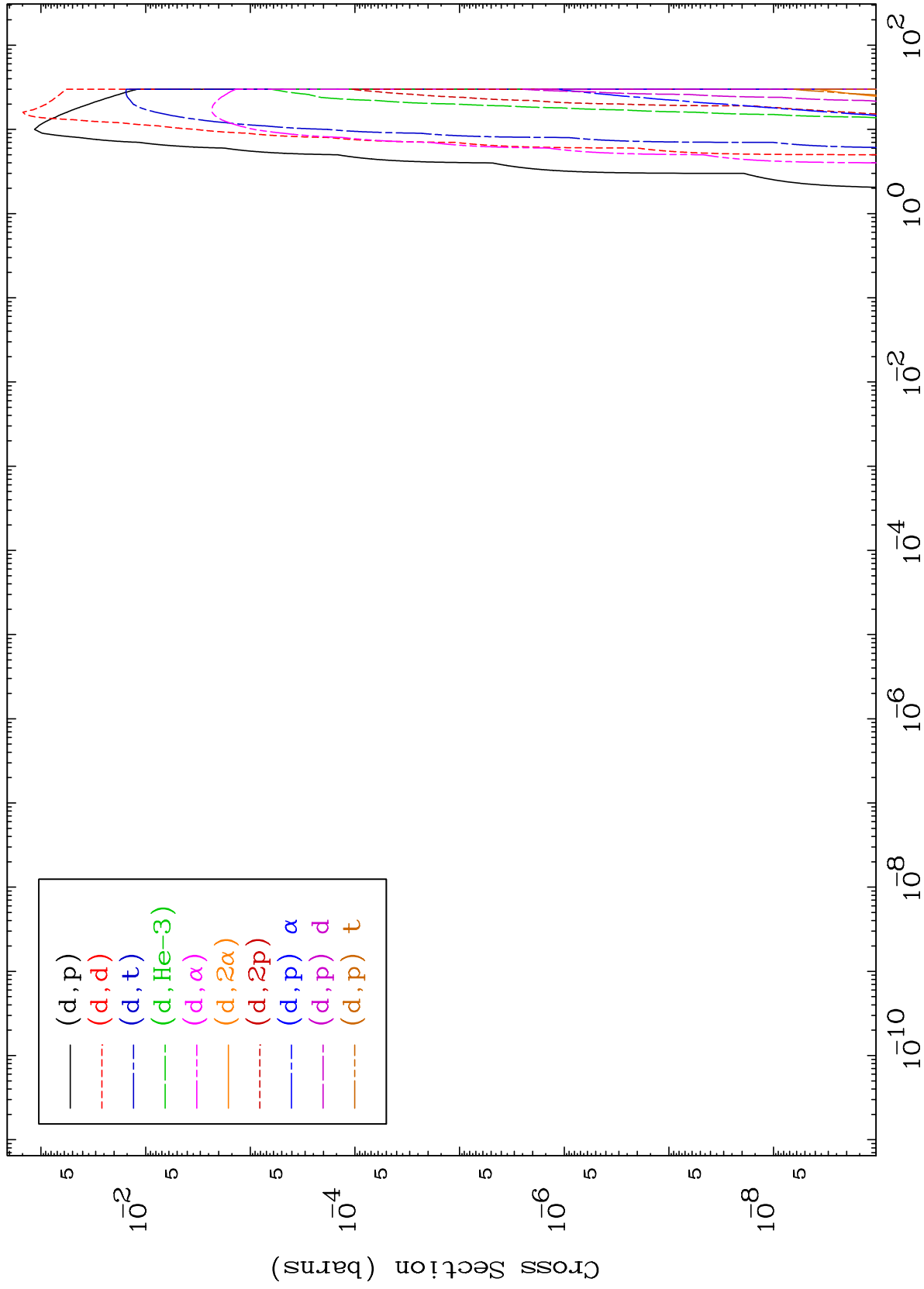




MAT 7131

Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-177



5

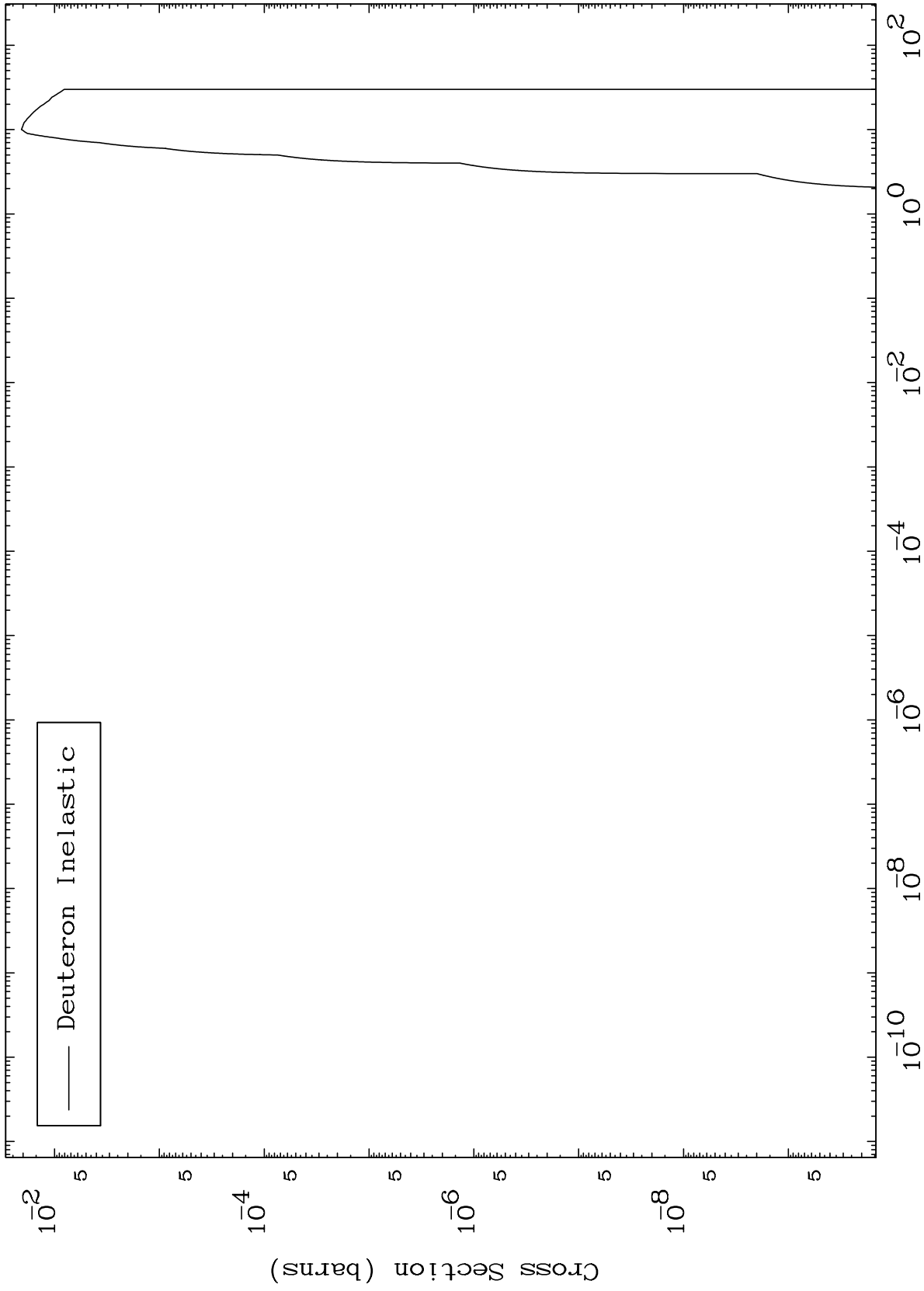
Incident Energy (MeV)

71-Lu-177

MAT 7131

(d,n') Level  
0 Kelvin Cross Sections

71-Lu-177



6

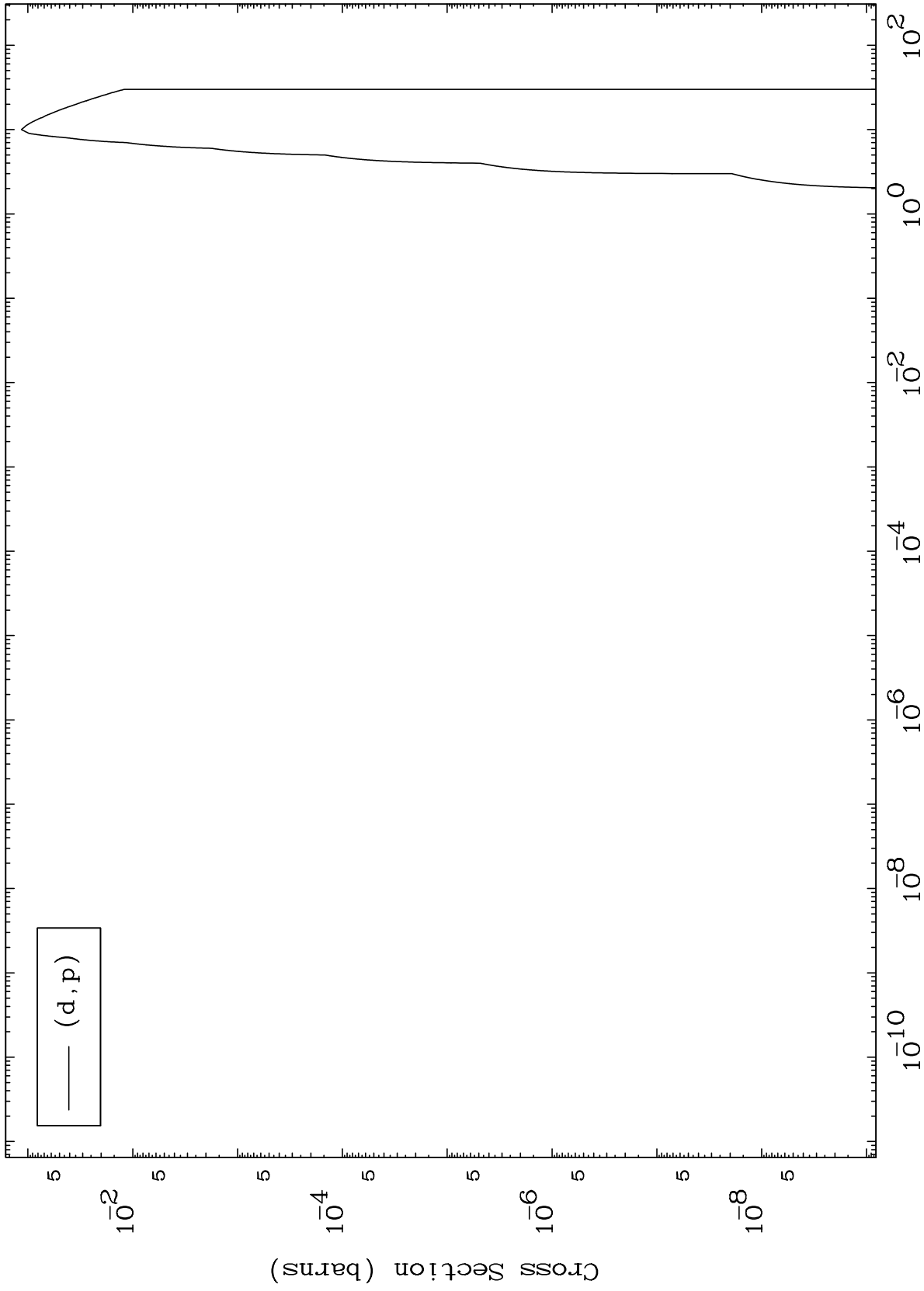
Incident Energy (MeV)

71-Lu-177

MAT 7131

(d,p) Levels  
0 Kelvin Cross Sections

71-Lu-177



7

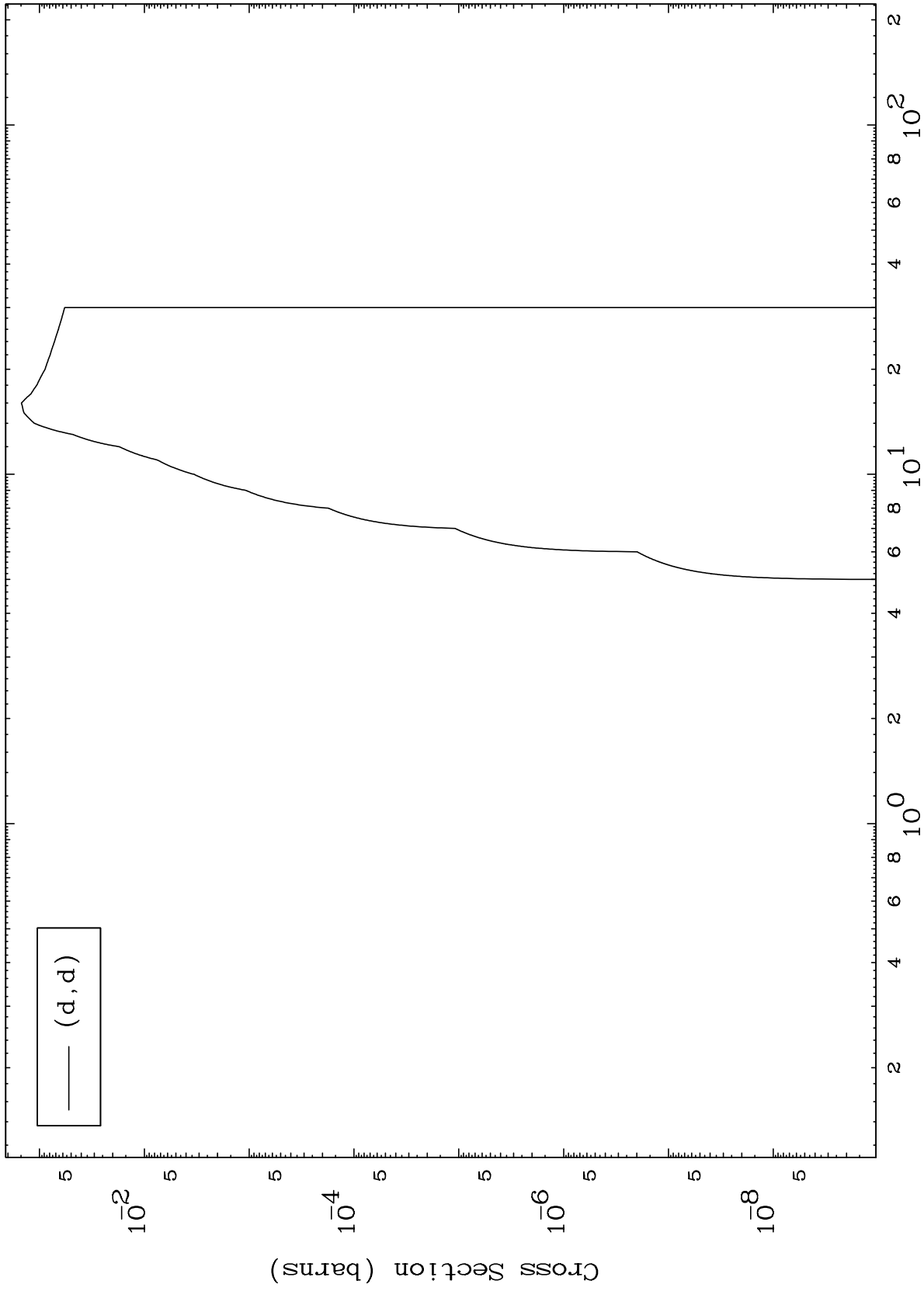
Incident Energy (MeV)

71-Lu-177

MAT 7131

(d,d) Levels  
0 Kelvin Cross Sections

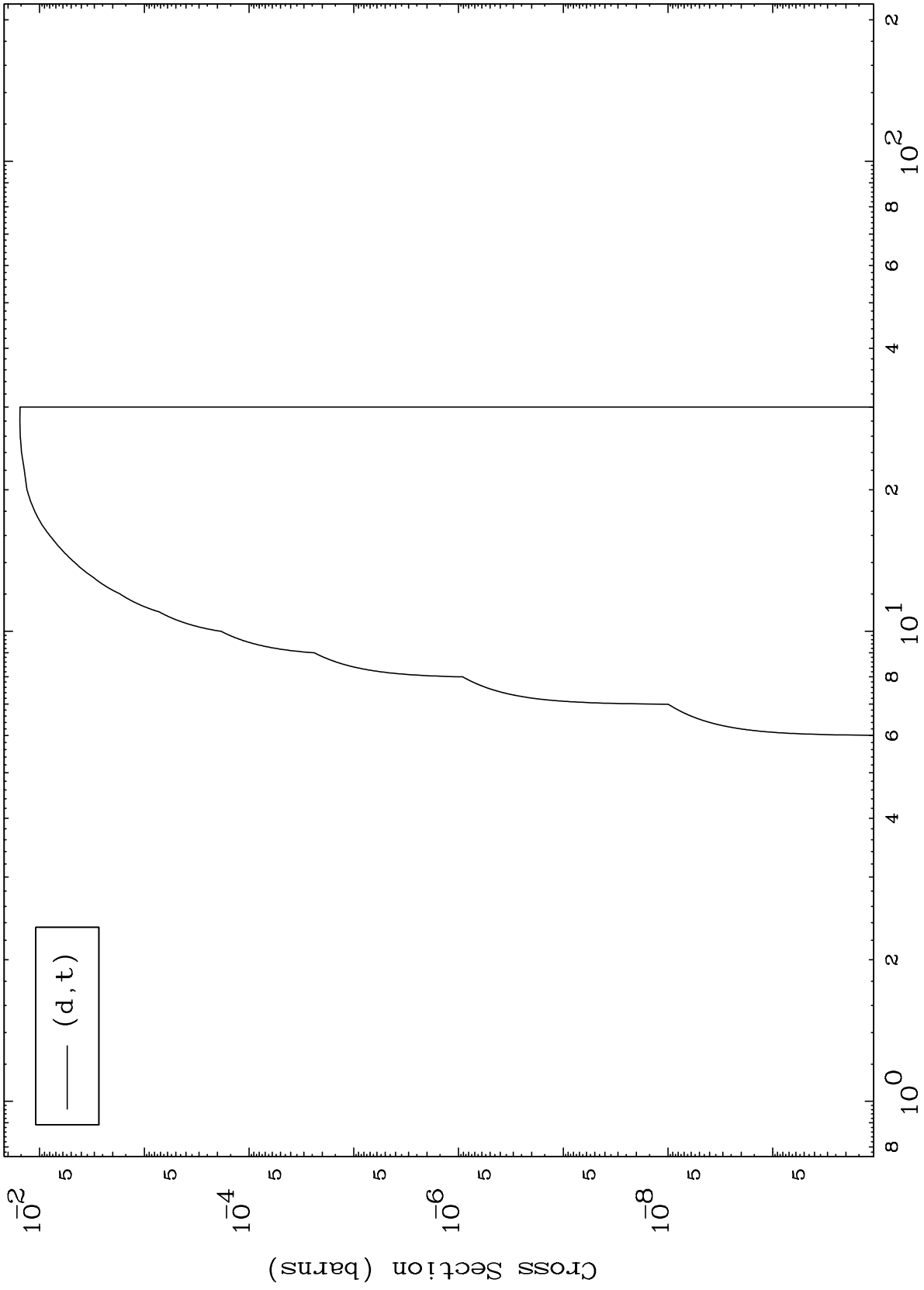
71-Lu-177



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(d,t) Levels  
0 Kelvin Cross Sections

71-Lu-177



9

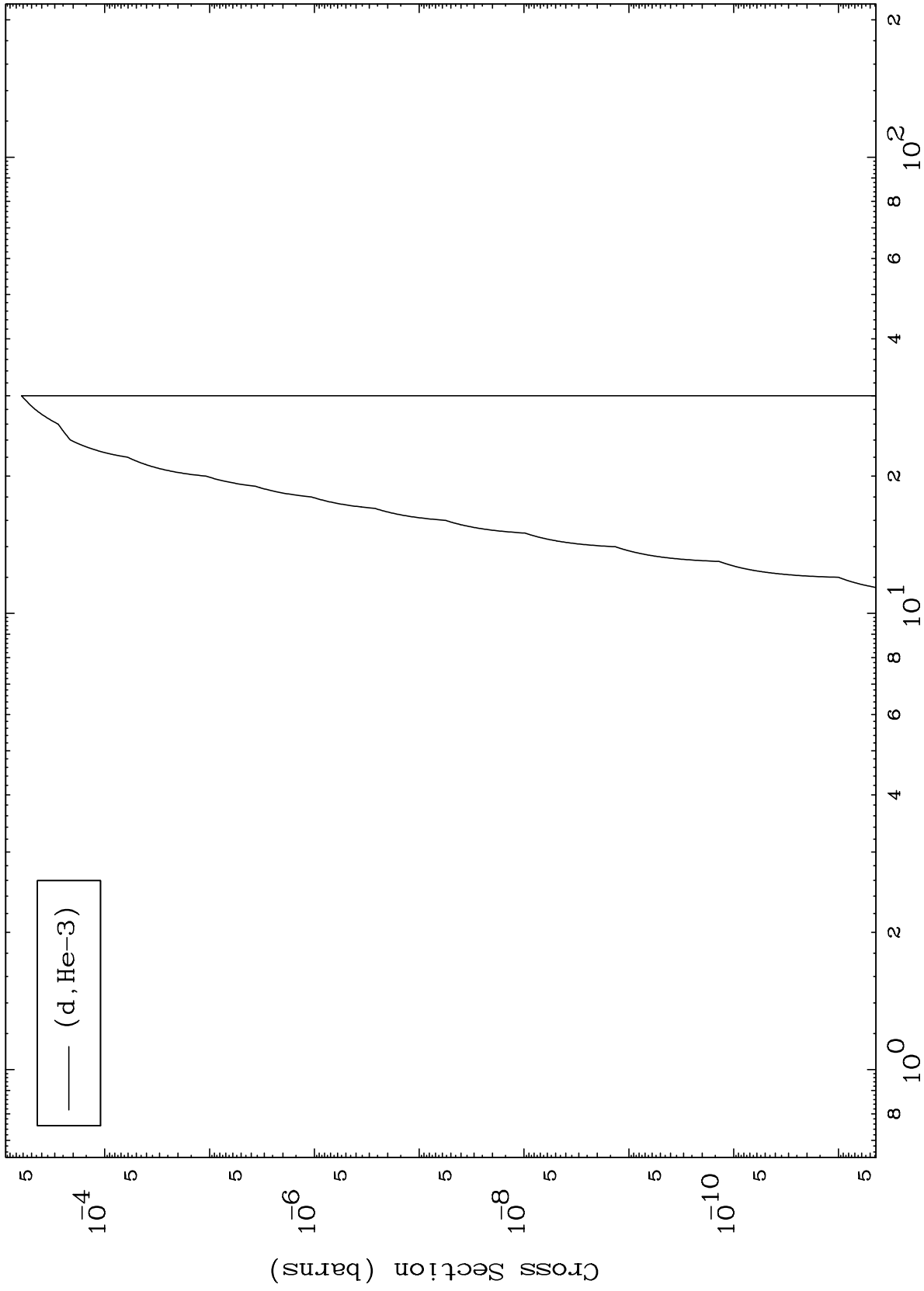
Incident Energy (MeV)

71-Lu-177

MAT 7131

(d,He3) Levels  
0 Kelvin Cross Sections

71-Lu-177



10

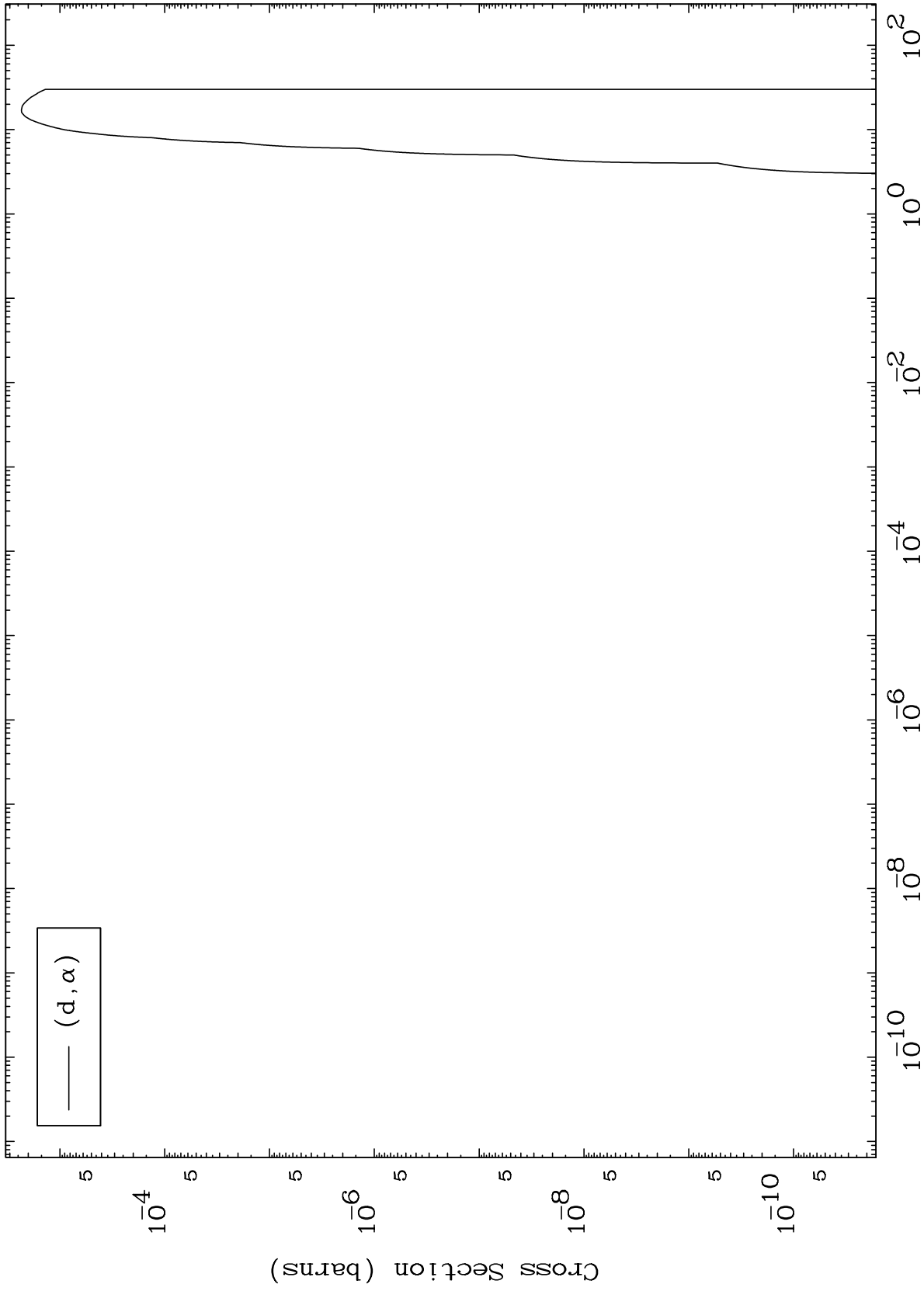
Incident Energy (MeV)

71-Lu-177

MAT 7131

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

71-Lu-177



11

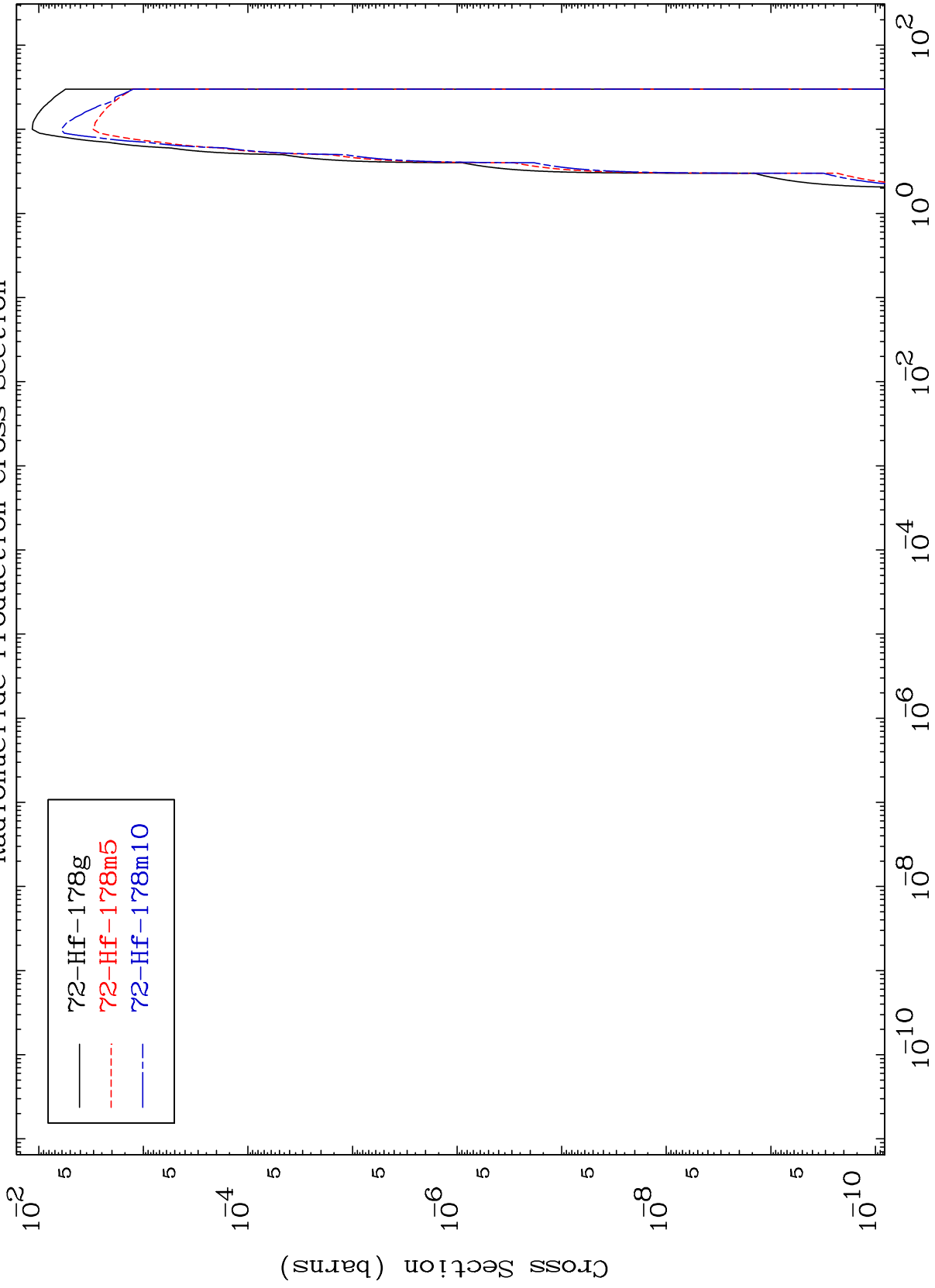
Incident Energy (MeV)

71-Lu-177

MAT 7131

Deuteron Inelastic  
Radionuclide Production Cross Section

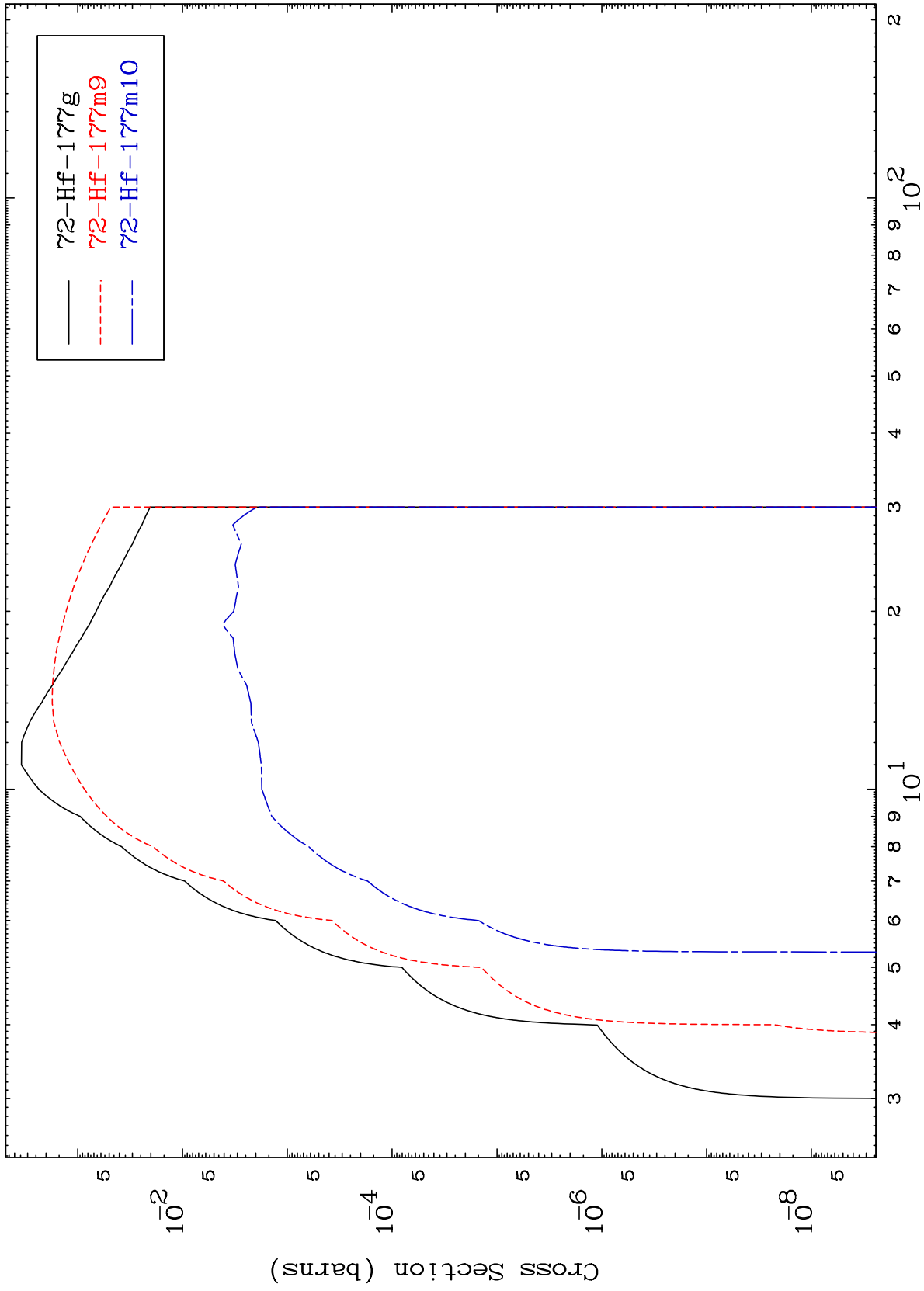
71-Lu-177



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71-Lu-177

Radionuclide Production Cross Section  
(d,2n)



13

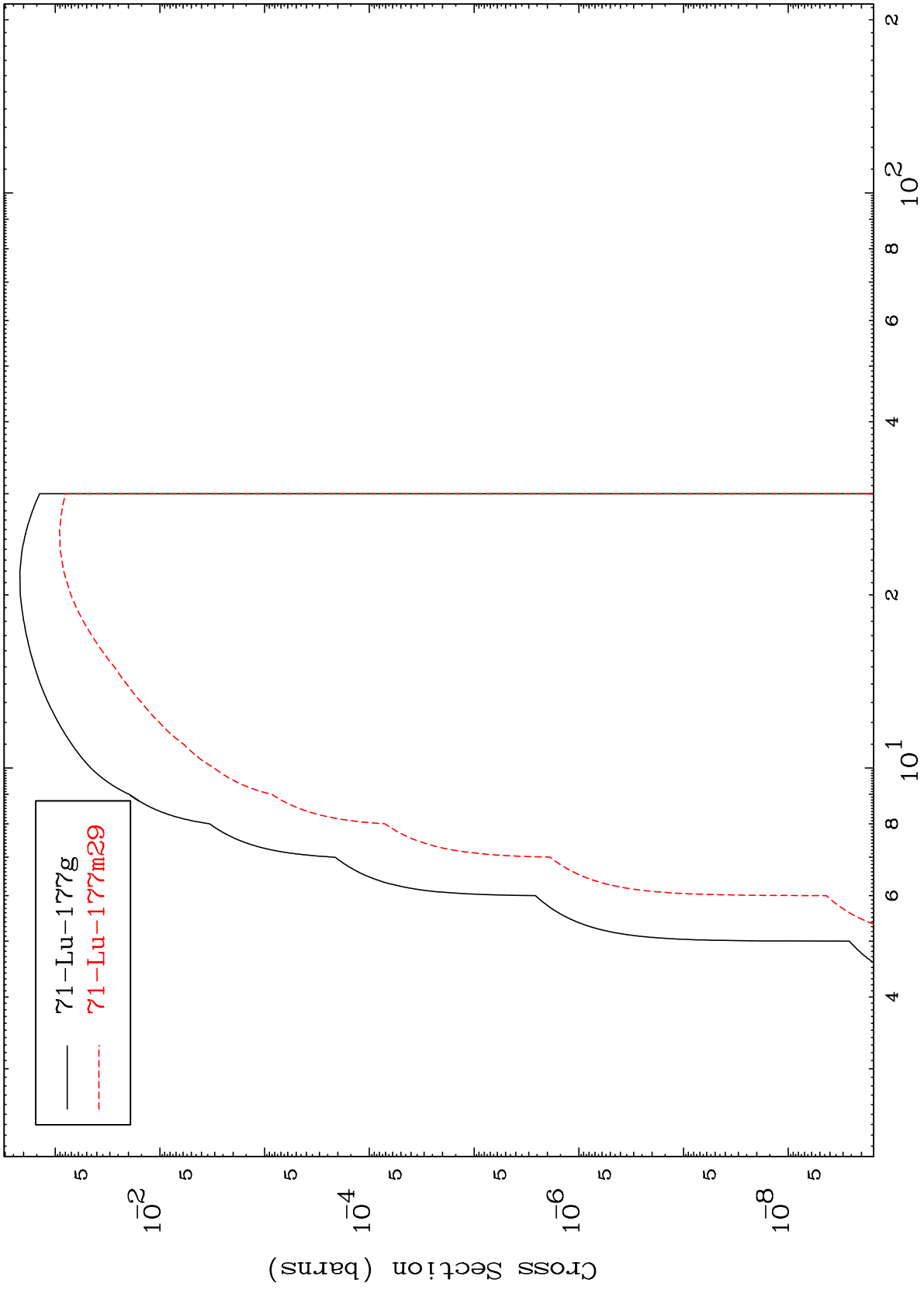
Incident Energy (MeV)

71-Lu-177

MAT 7131

<sup>71</sup>Lu-177

(d,n') p  
Radionuclide Production Cross Section



14

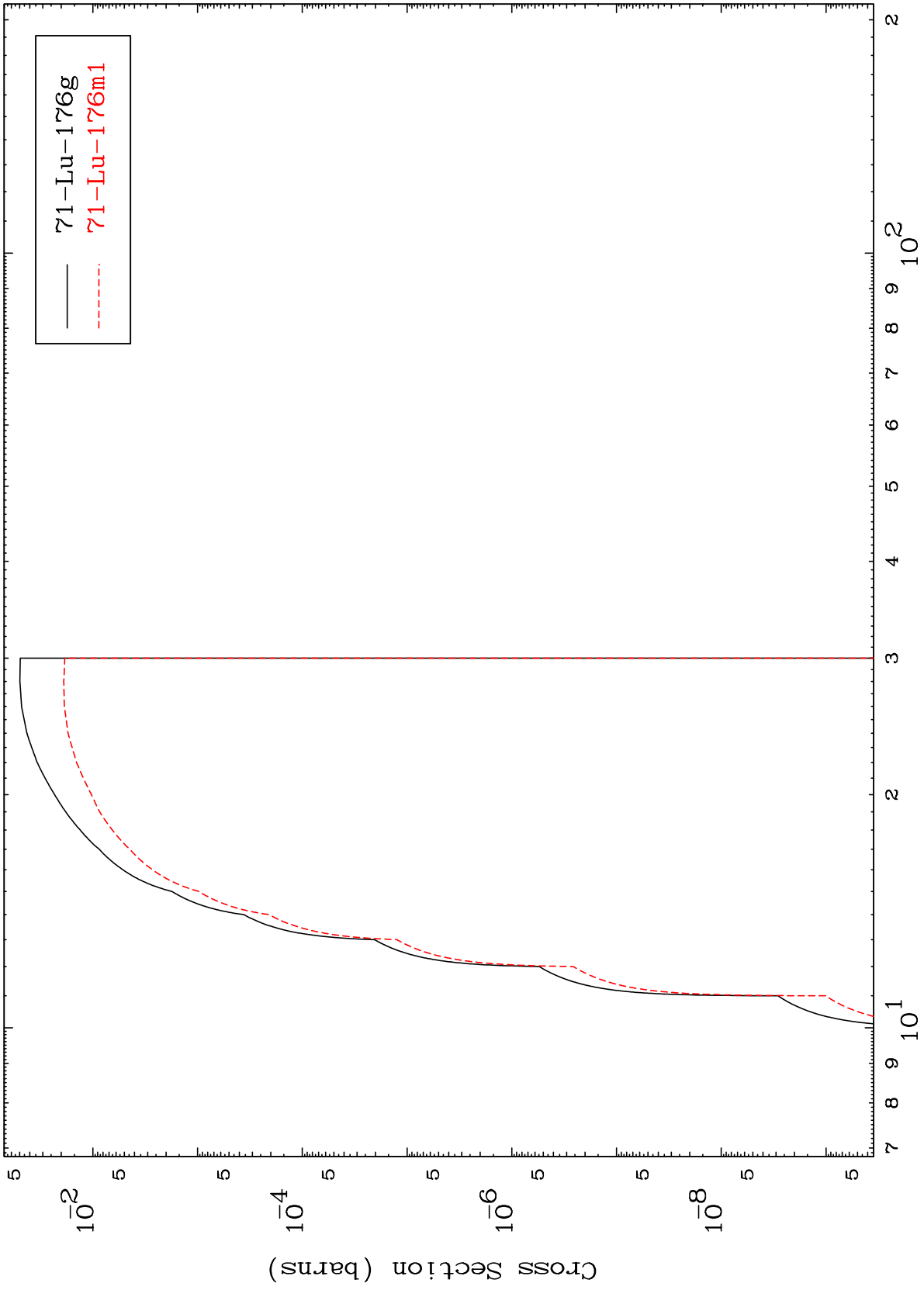
<sup>71</sup>Lu-177

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(d,n') d

71-Lu-177

Radionuclide Production Cross Section



15

Incident Energy (MeV)

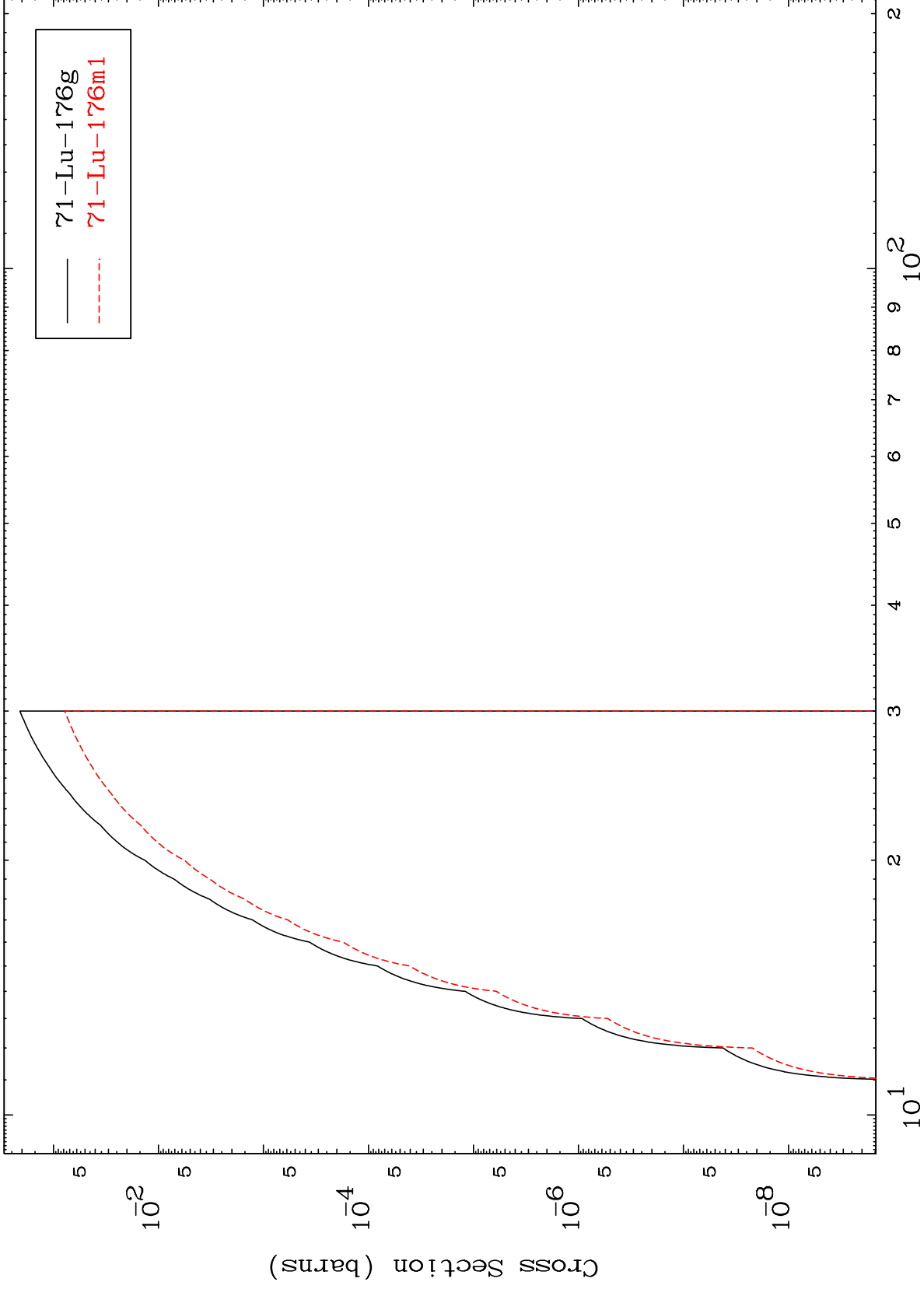
71-Lu-177

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(d,2n) p

<sup>71</sup>Lu-177

Radionuclide Production Cross Section



16

Incident Energy (MeV)

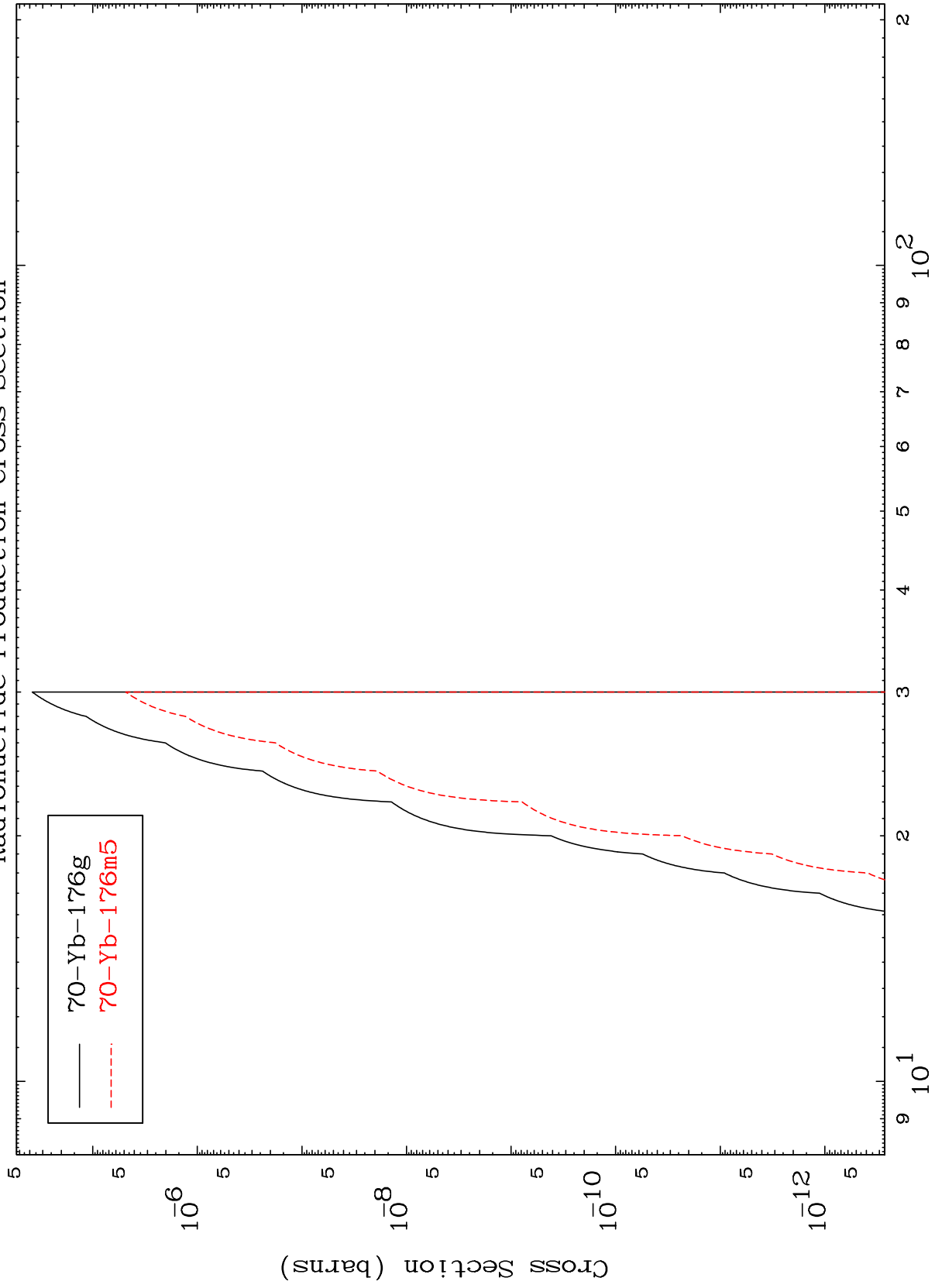
<sup>71</sup>Lu-177

MAT 7131

(d,2n) p

<sup>71</sup>Lu-177

Radionuclide Production Cross Section



17

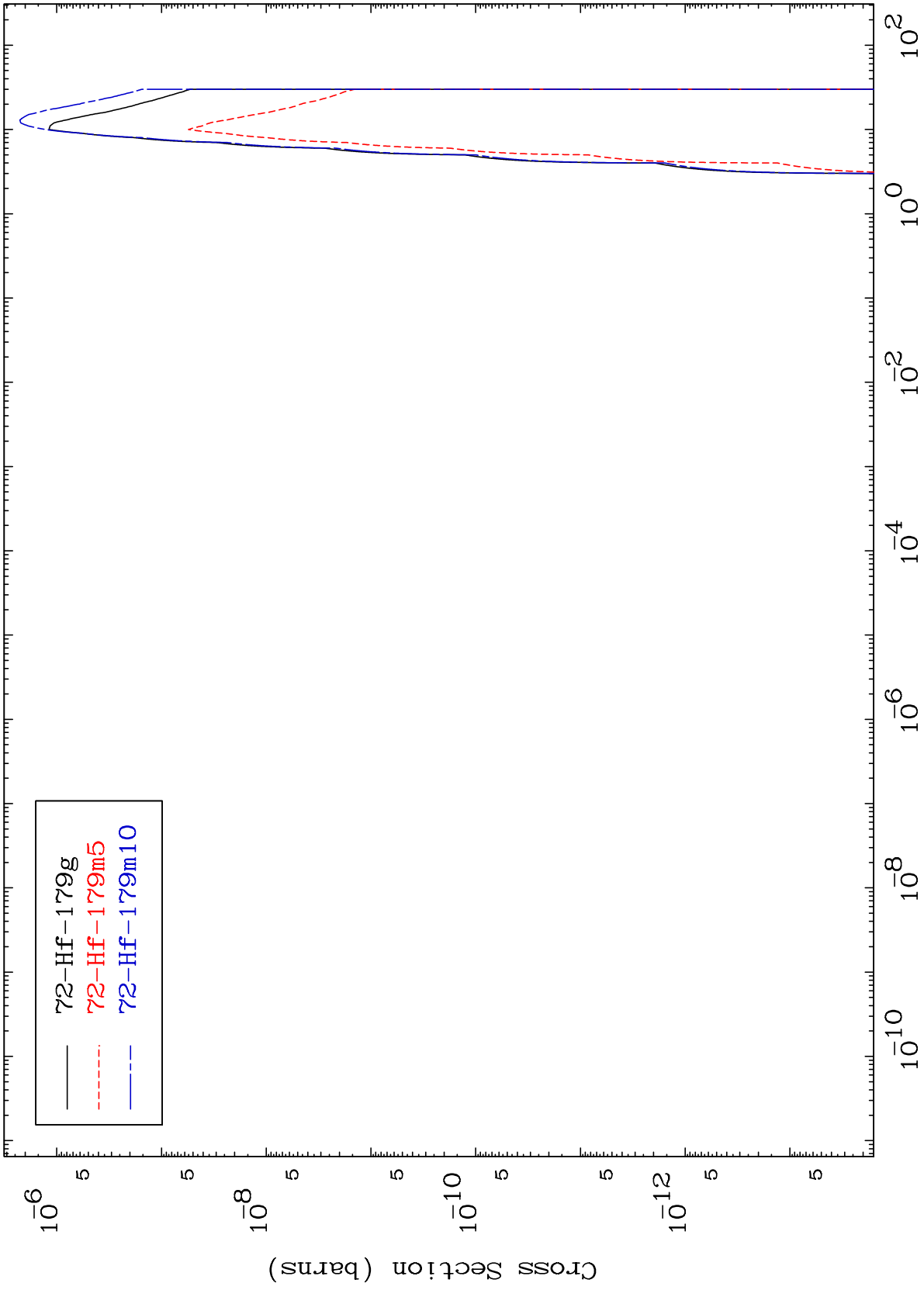
Incident Energy (MeV)

<sup>71</sup>Lu-177

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(d,γ)  
Radionuclide Production Cross Section

71-Lu-177



18

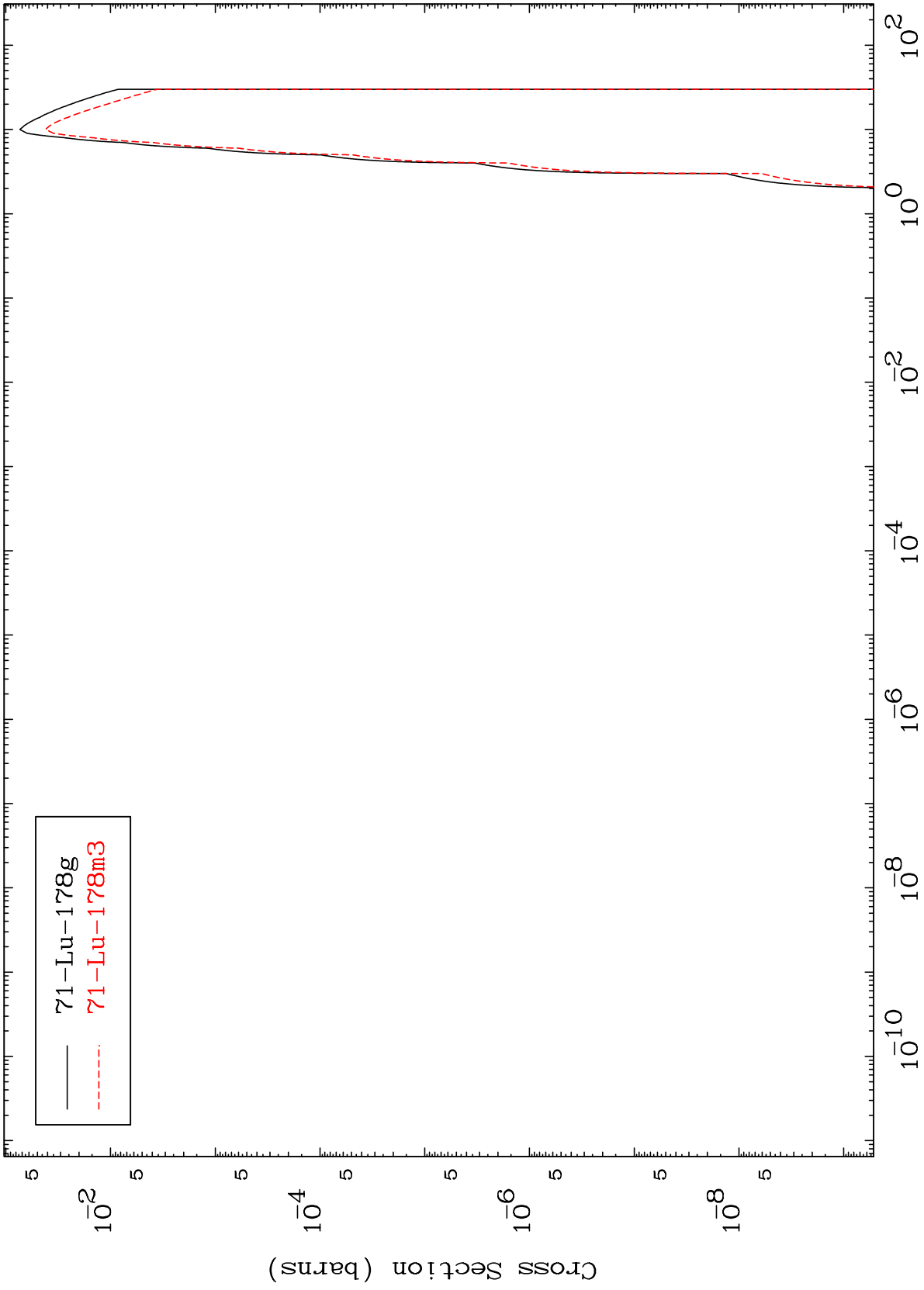
Incident Energy (MeV)

71-Lu-177

MAT 7131

(d,p)  
Radionuclide Production Cross Section

<sup>71</sup>Lu-177



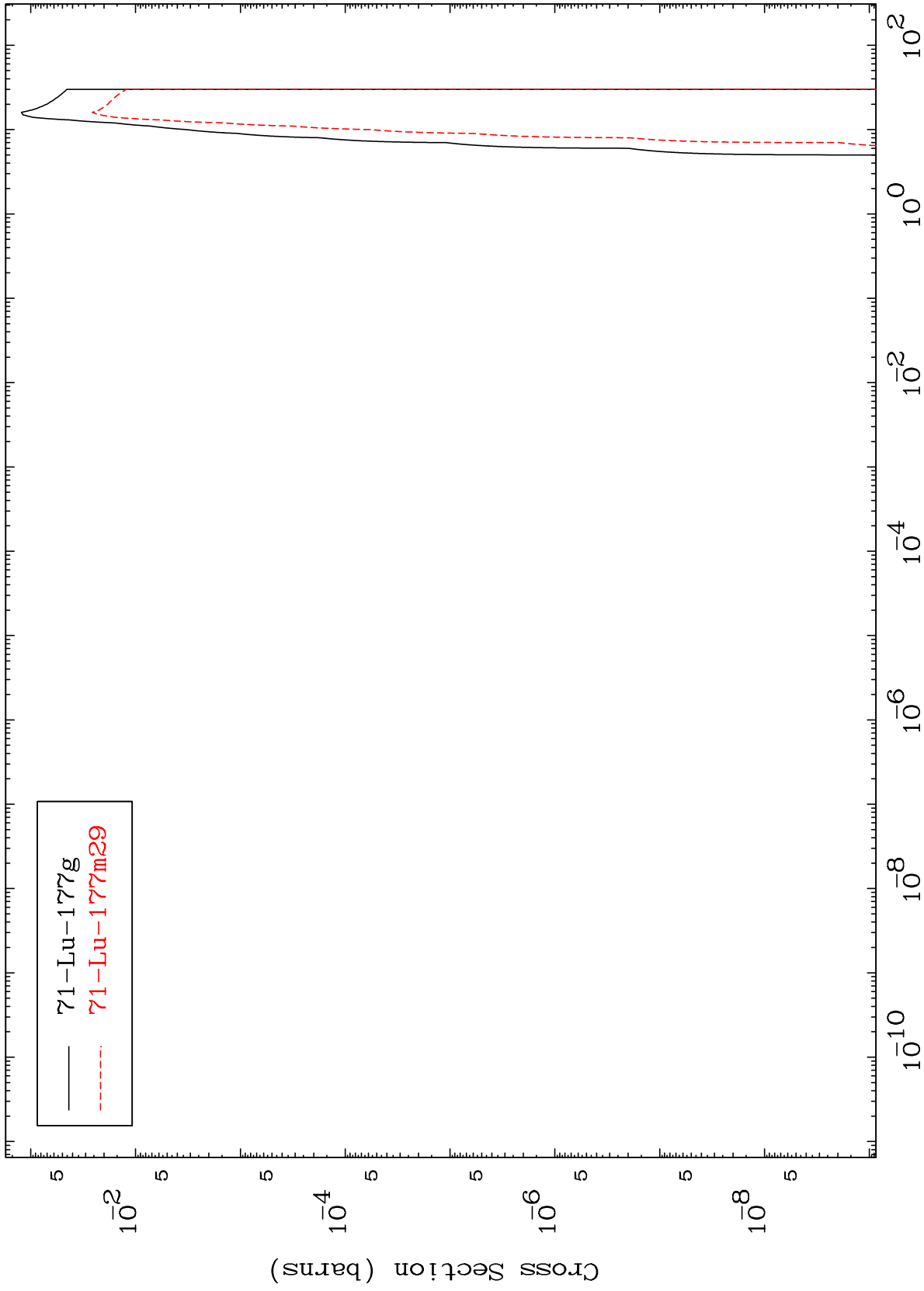
<sup>71</sup>Lu-177

MAT 7131

(d,d)

Radionuclide Production Cross Section

<sup>71</sup>Lu-177



20

Incident Energy (MeV)

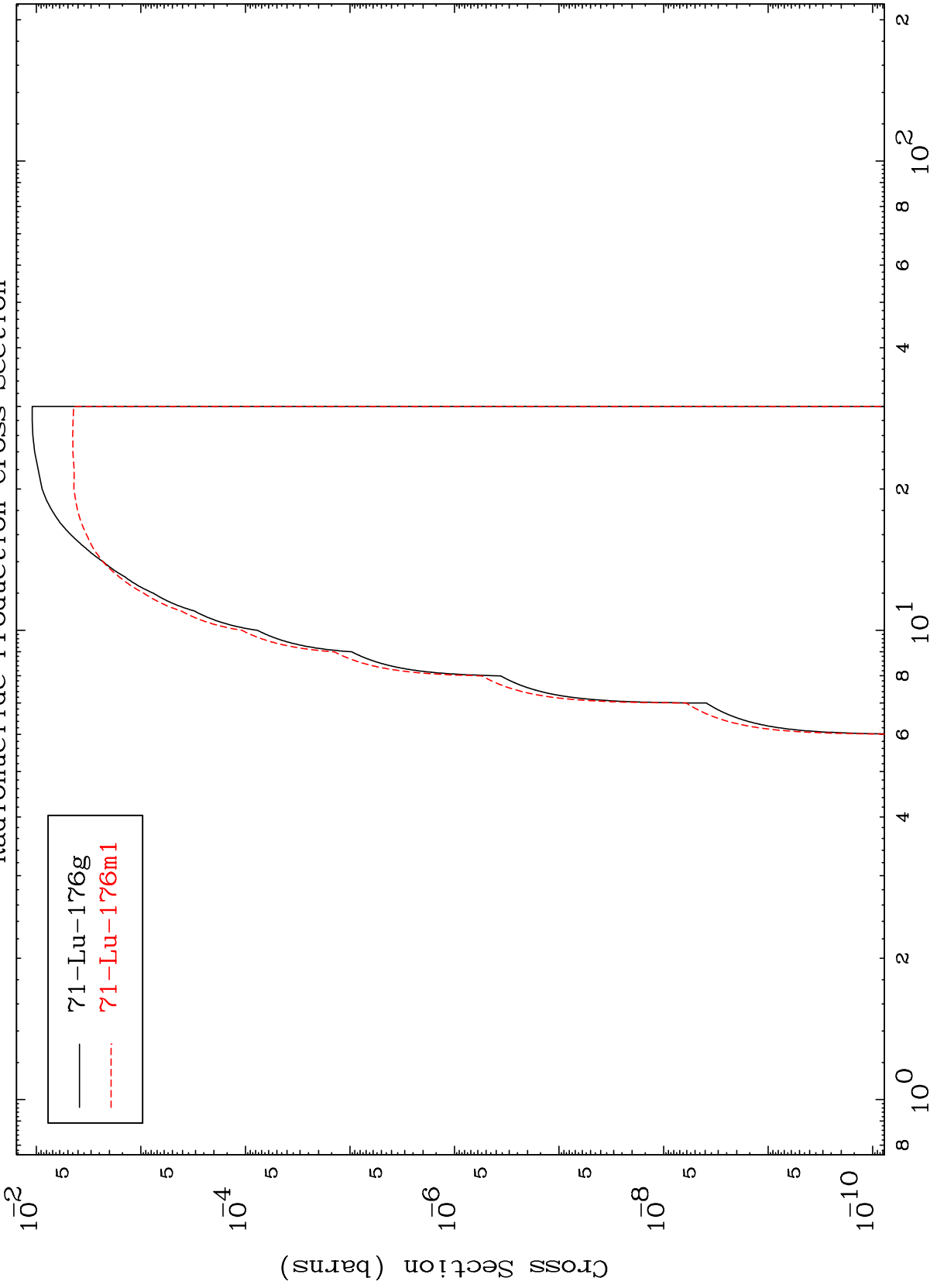
<sup>71</sup>Lu-177

MAT 7131

(d, t)

<sup>71</sup>Lu-177

Radionuclide Production Cross Section



21

Incident Energy (MeV)

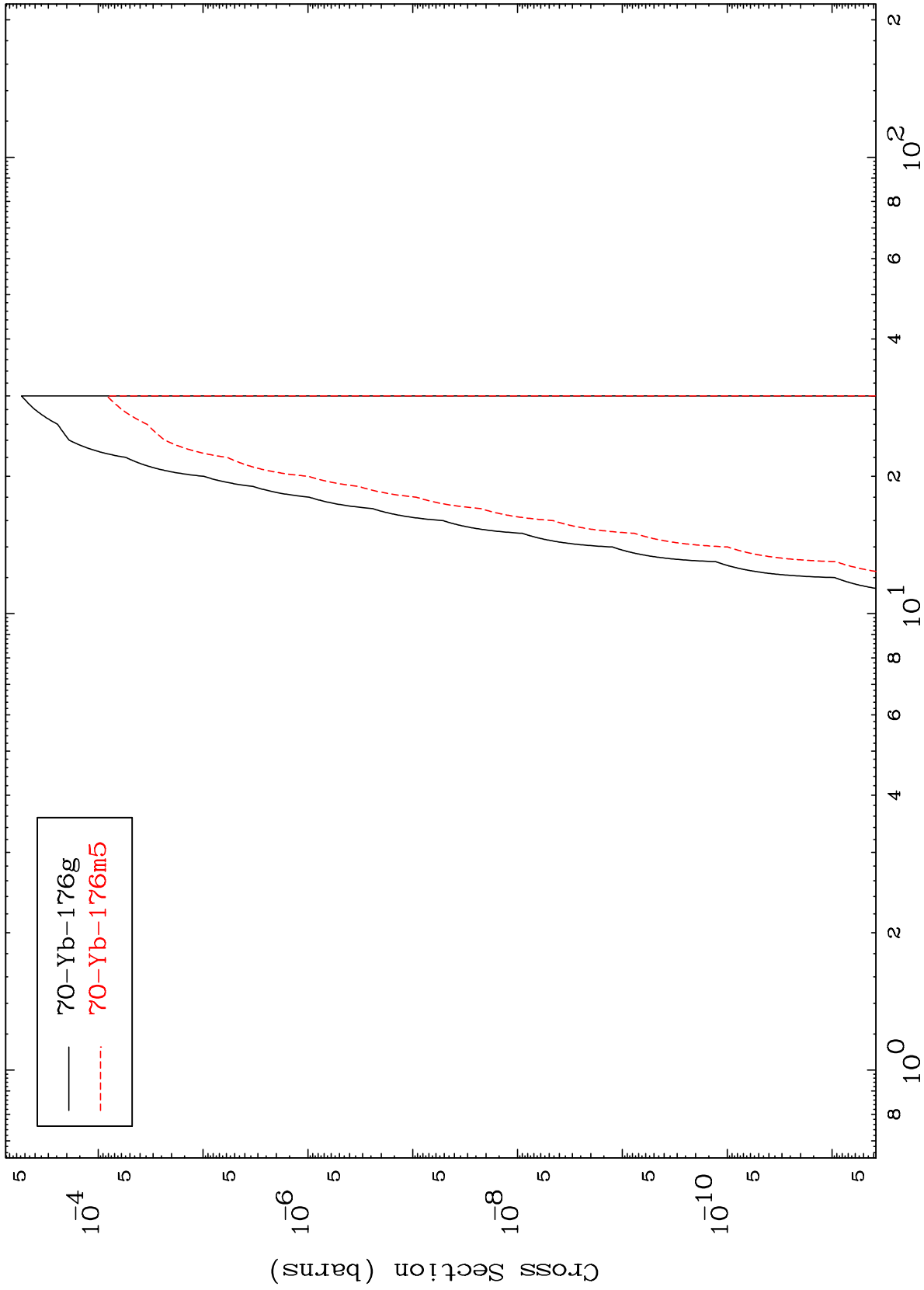
<sup>71</sup>Lu-177

MAT 7131

(d, He-3)

71-Lu-177

Radionuclide Production Cross Section



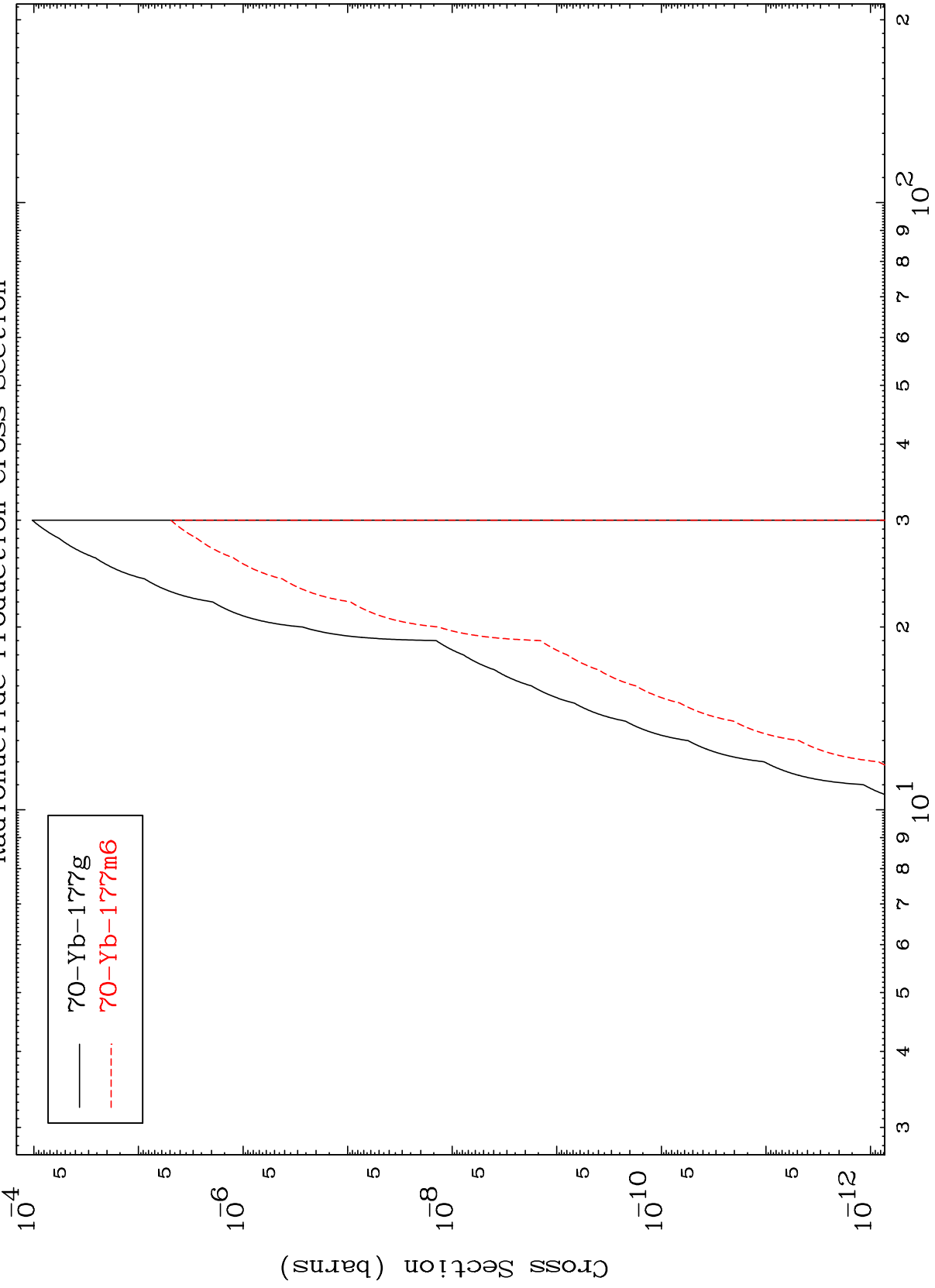
22

71-Lu-177

MAT 7131

<sup>71</sup>Lu-177

Radionuclide Production Cross Section  
(d,2p)



23

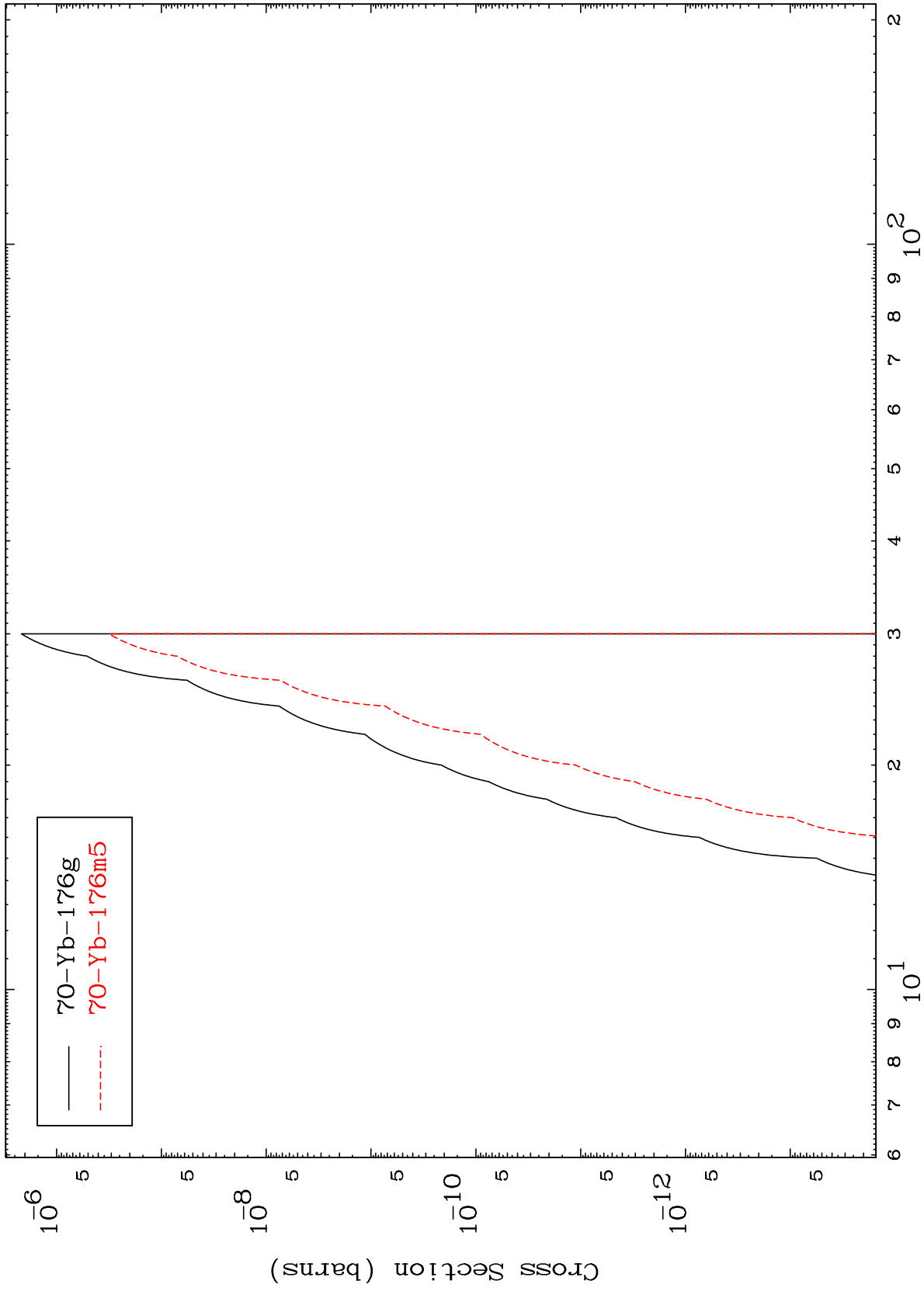
<sup>71</sup>Lu-177

MAT 7131

(d,p) d

71-Lu-177

Radionuclide Production Cross Section



70-Yb-176g  
70-Yb-176m5

24

71-Lu-177