

Program EVALPLOT  
(Version 2018-1)

by

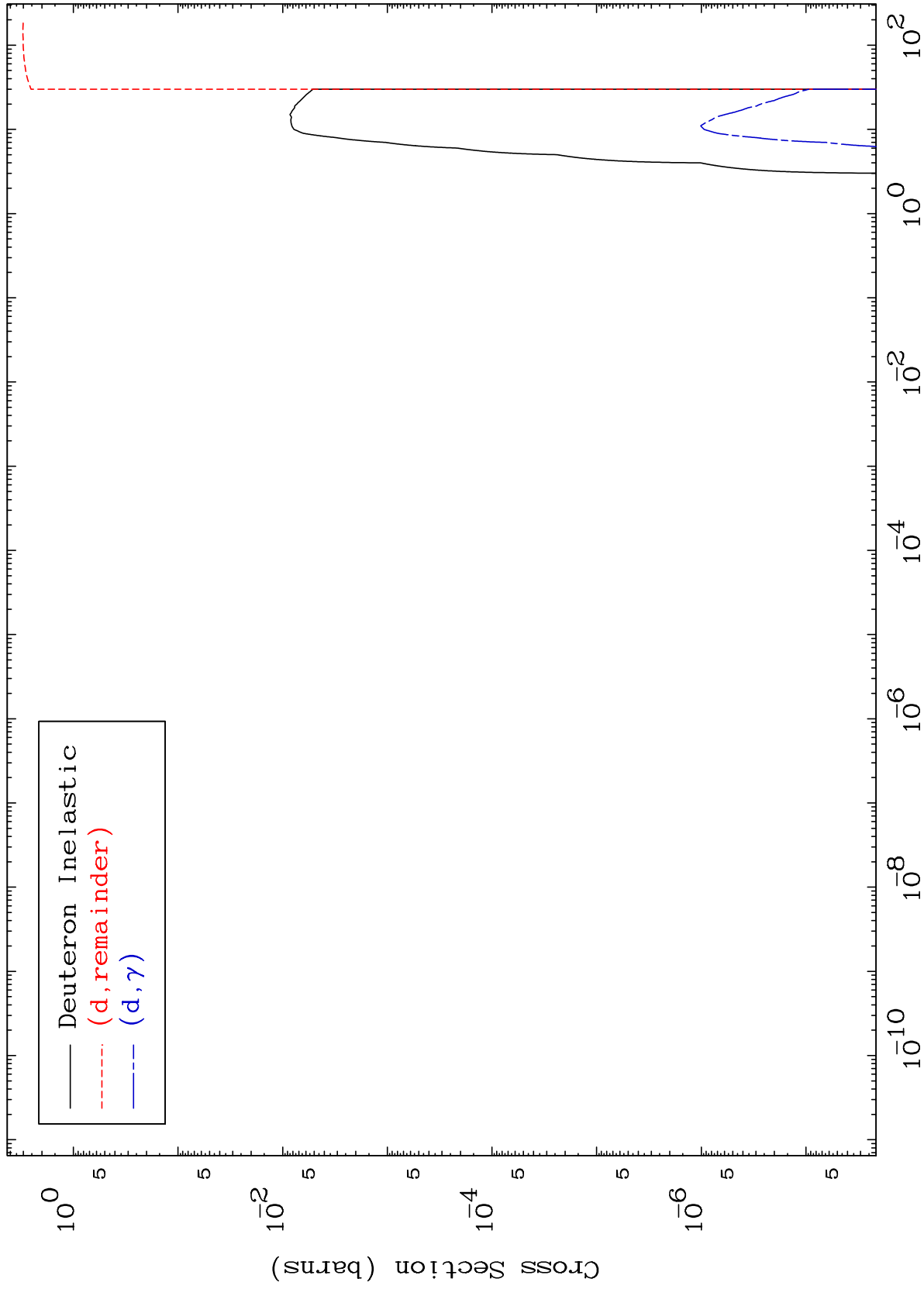
Dermott E. Cullen  
(Present Contact Information)

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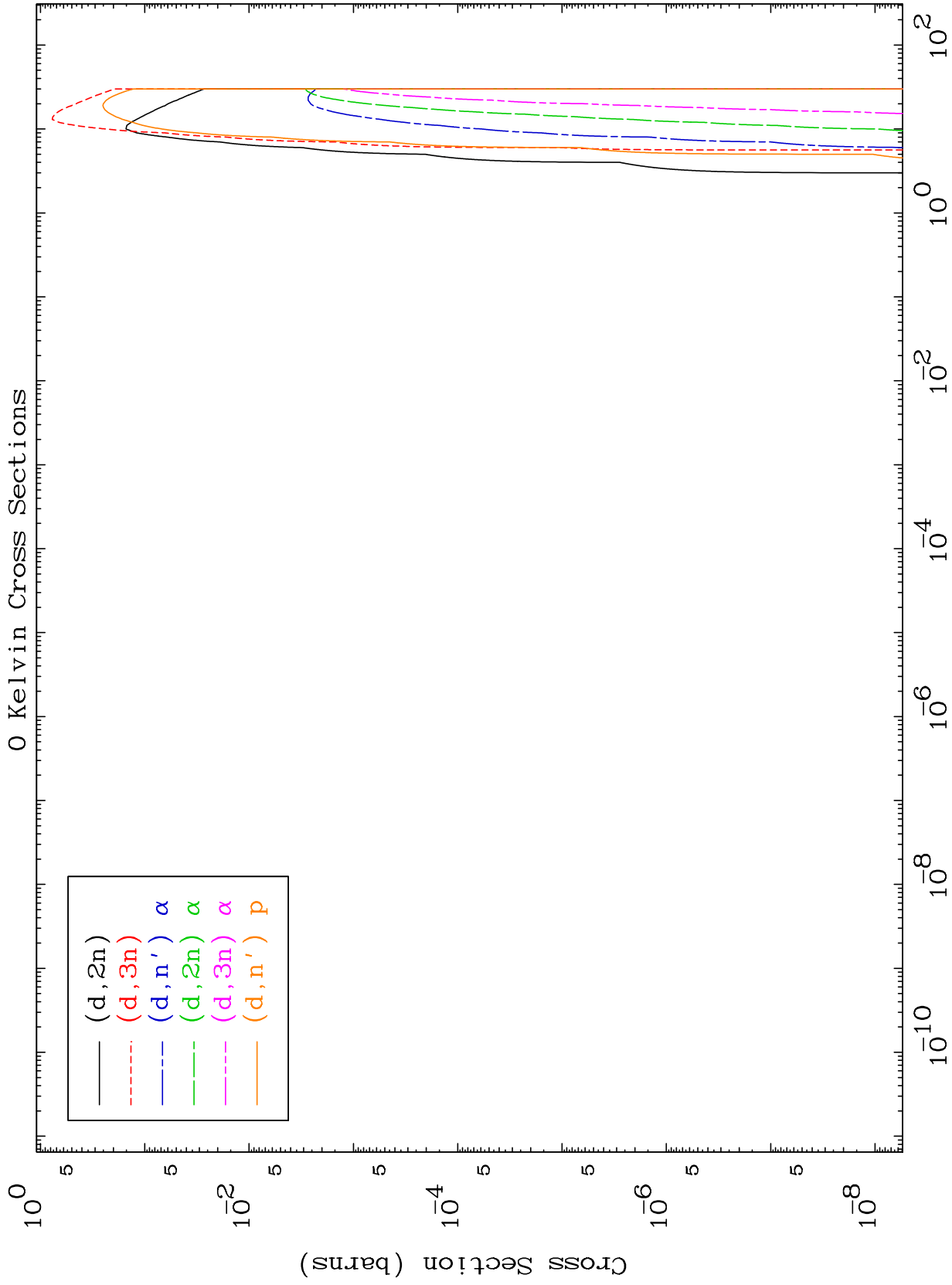
Press Mouse Button to Start



MAT 7146

Deuteron Neutron Production  
0 Kelvin Cross Sections

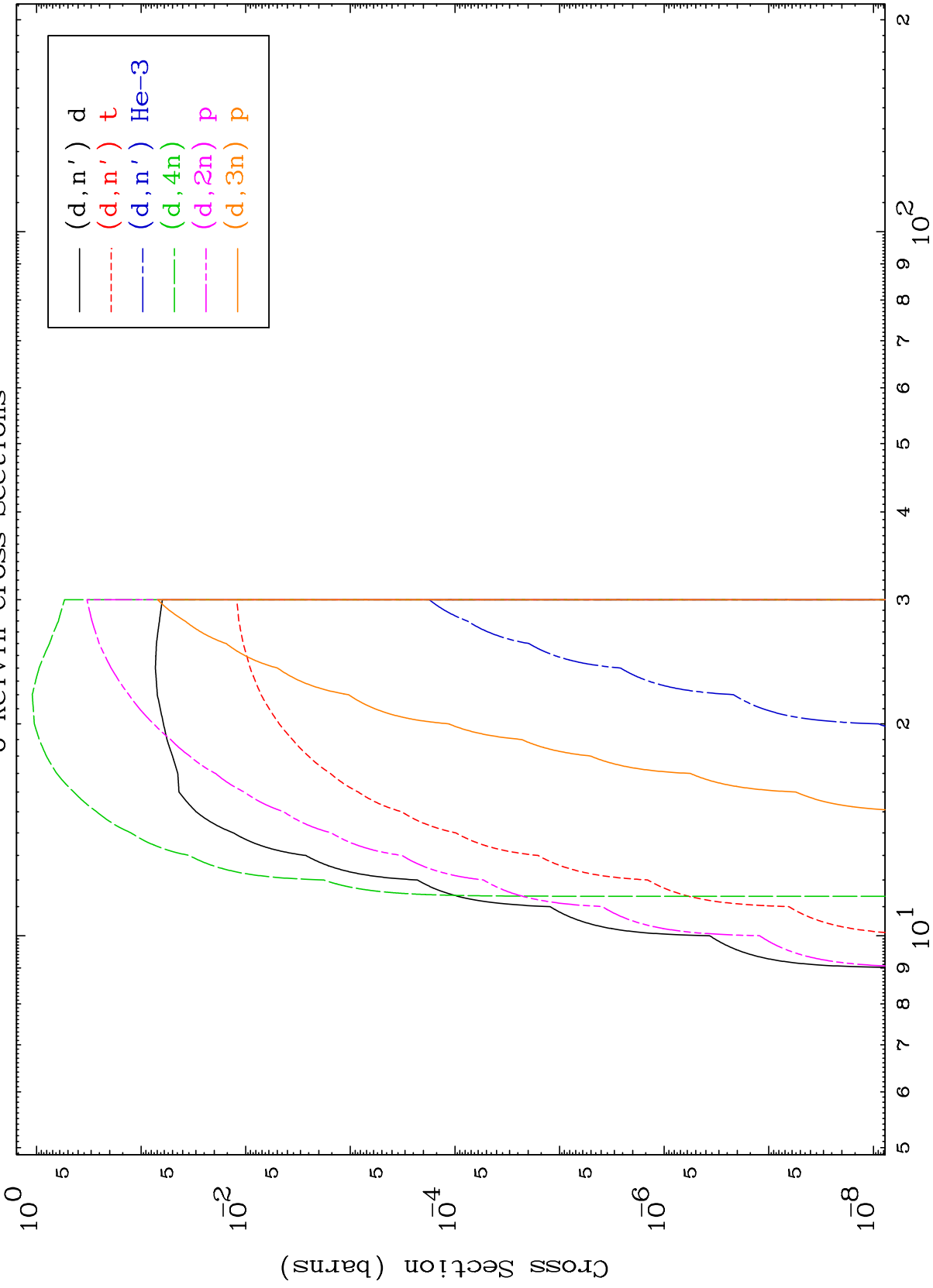
71-Lu-182



2

Incident Energy (MeV)

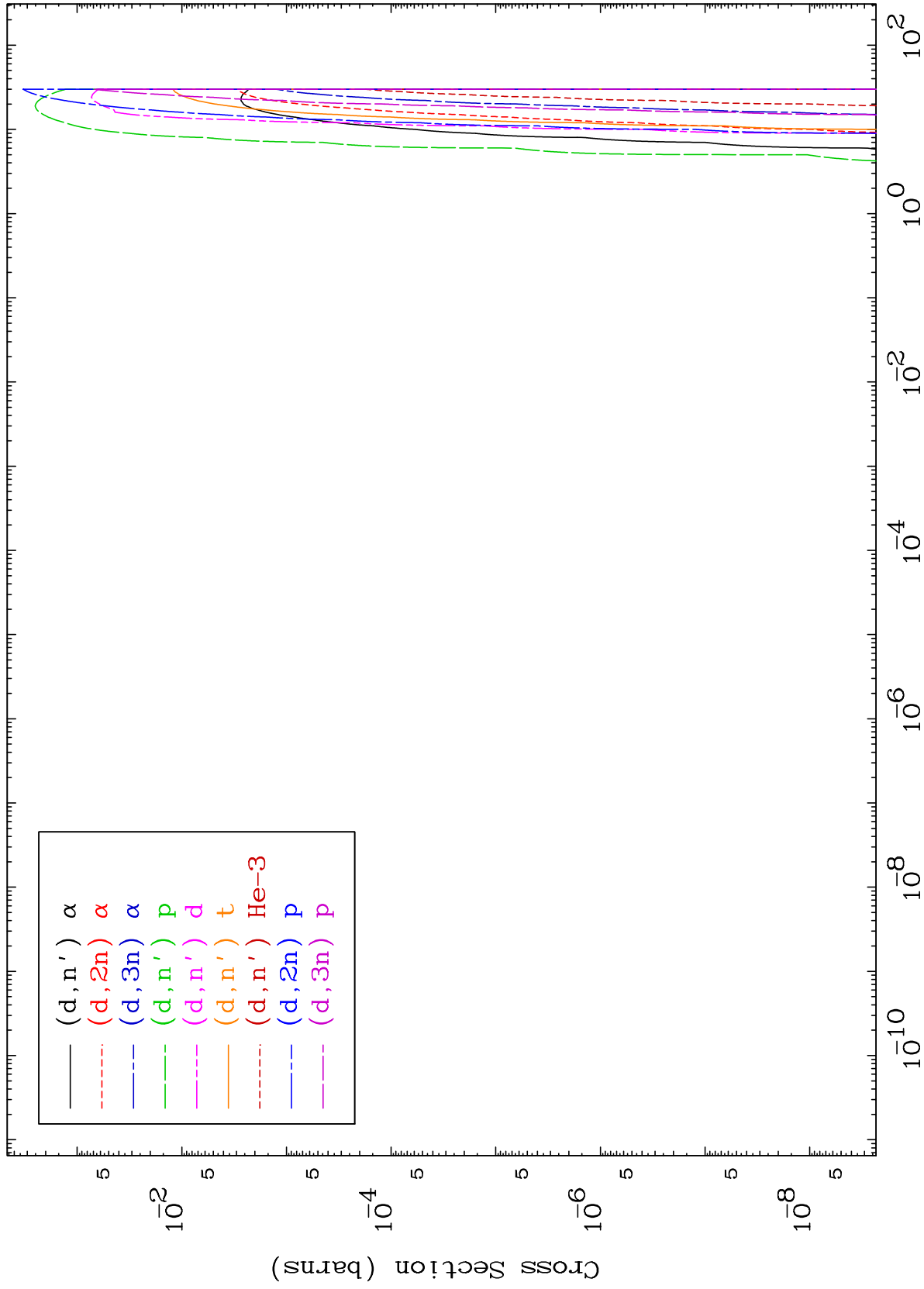
71-Lu-182



MAT 7146

Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-182

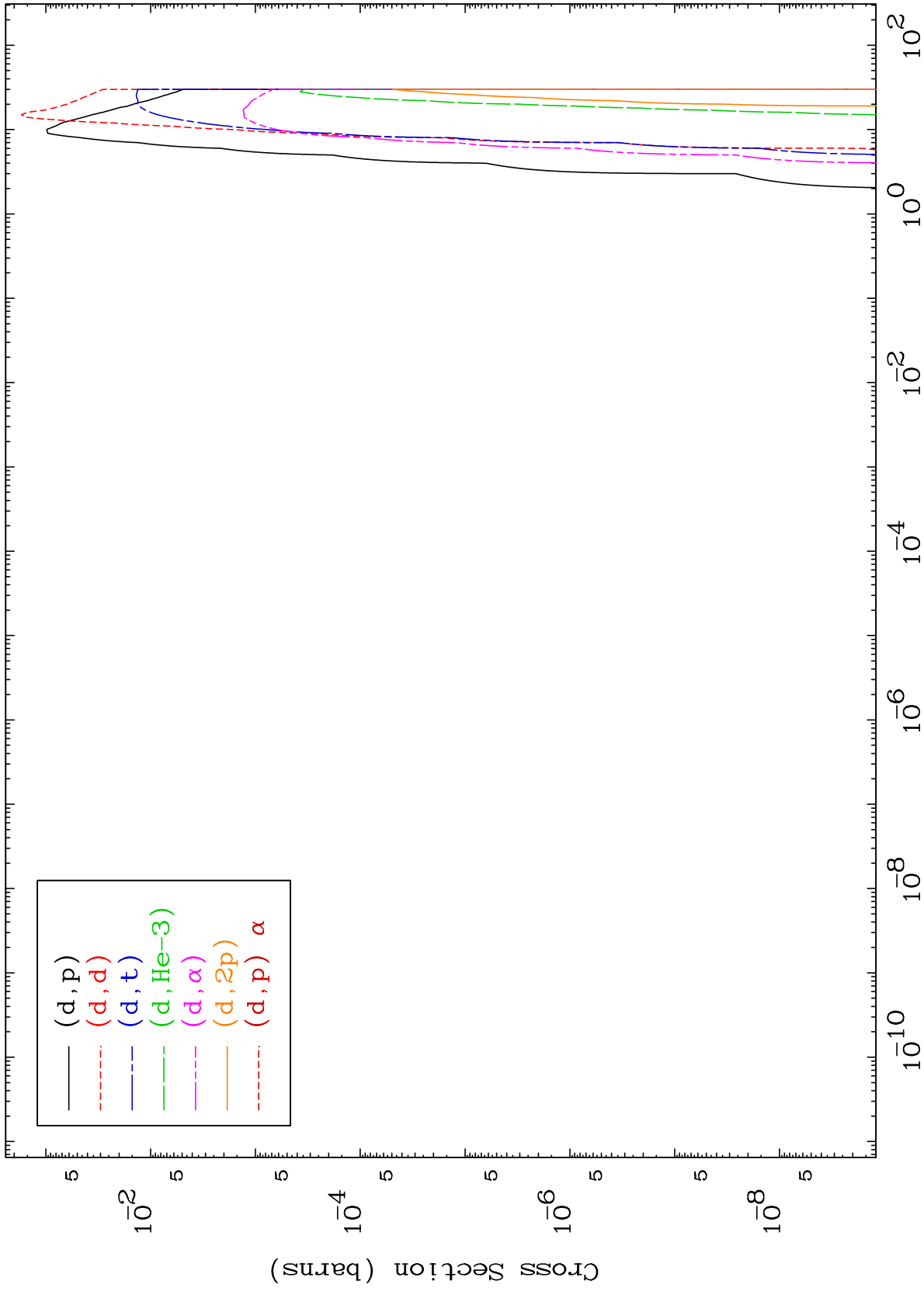


71-Lu-182

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Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-182



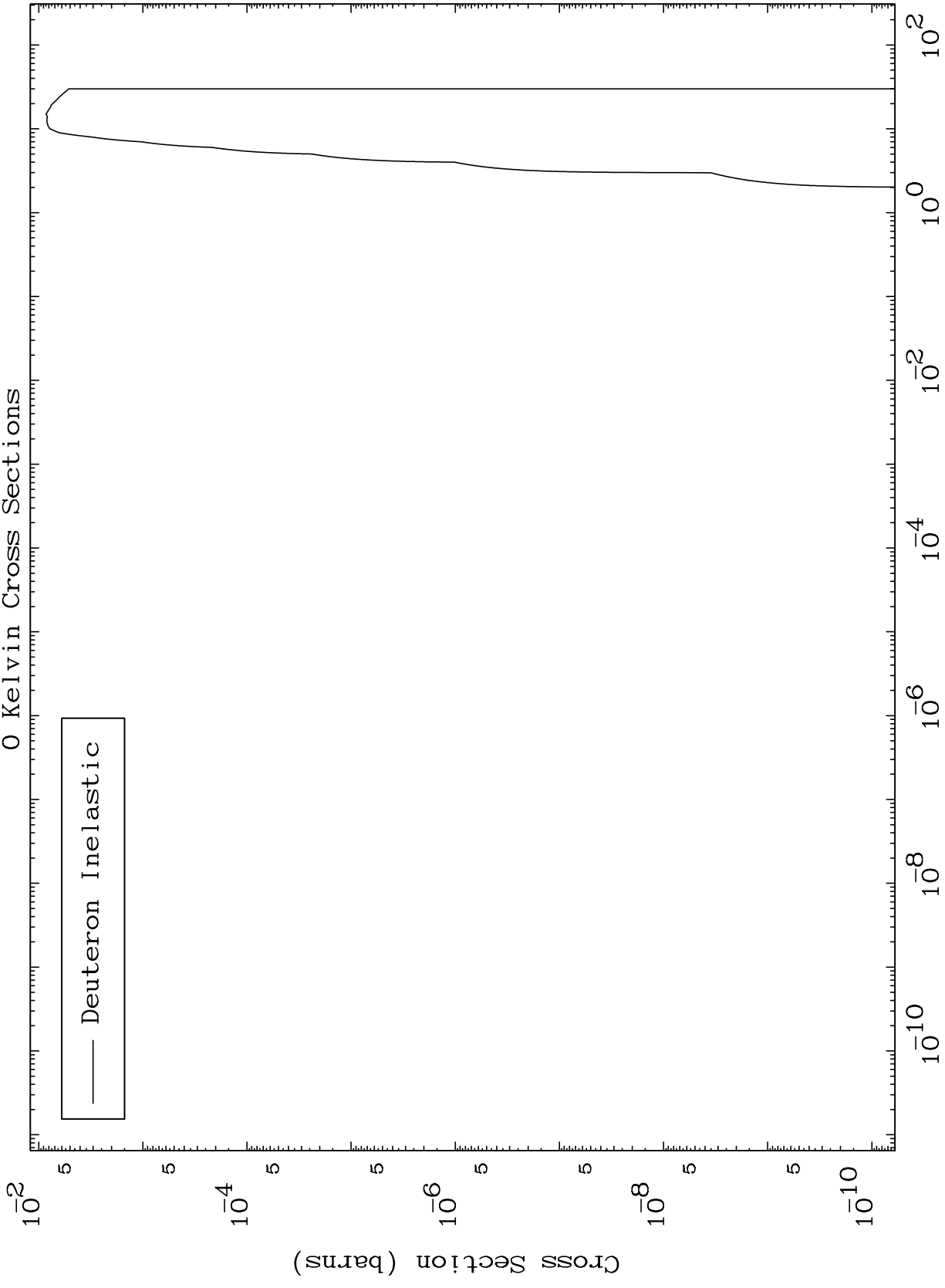
5

71-Lu-182

MAT 7146

(d,n') Level  
0 Kelvin Cross Sections

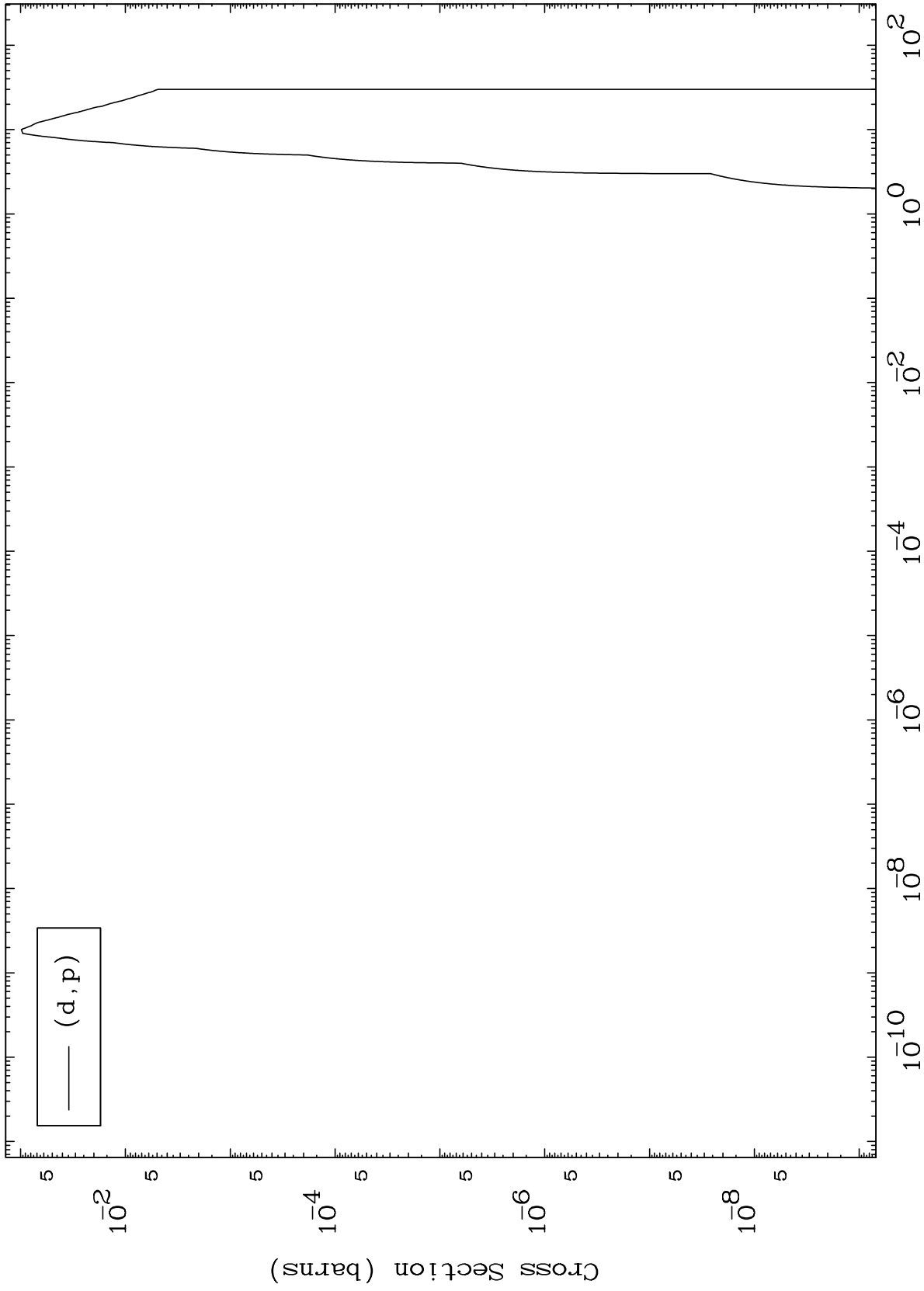
71-Lu-182



MAT 7146

(d,p) Levels  
0 Kelvin Cross Sections

71-Lu-182



7

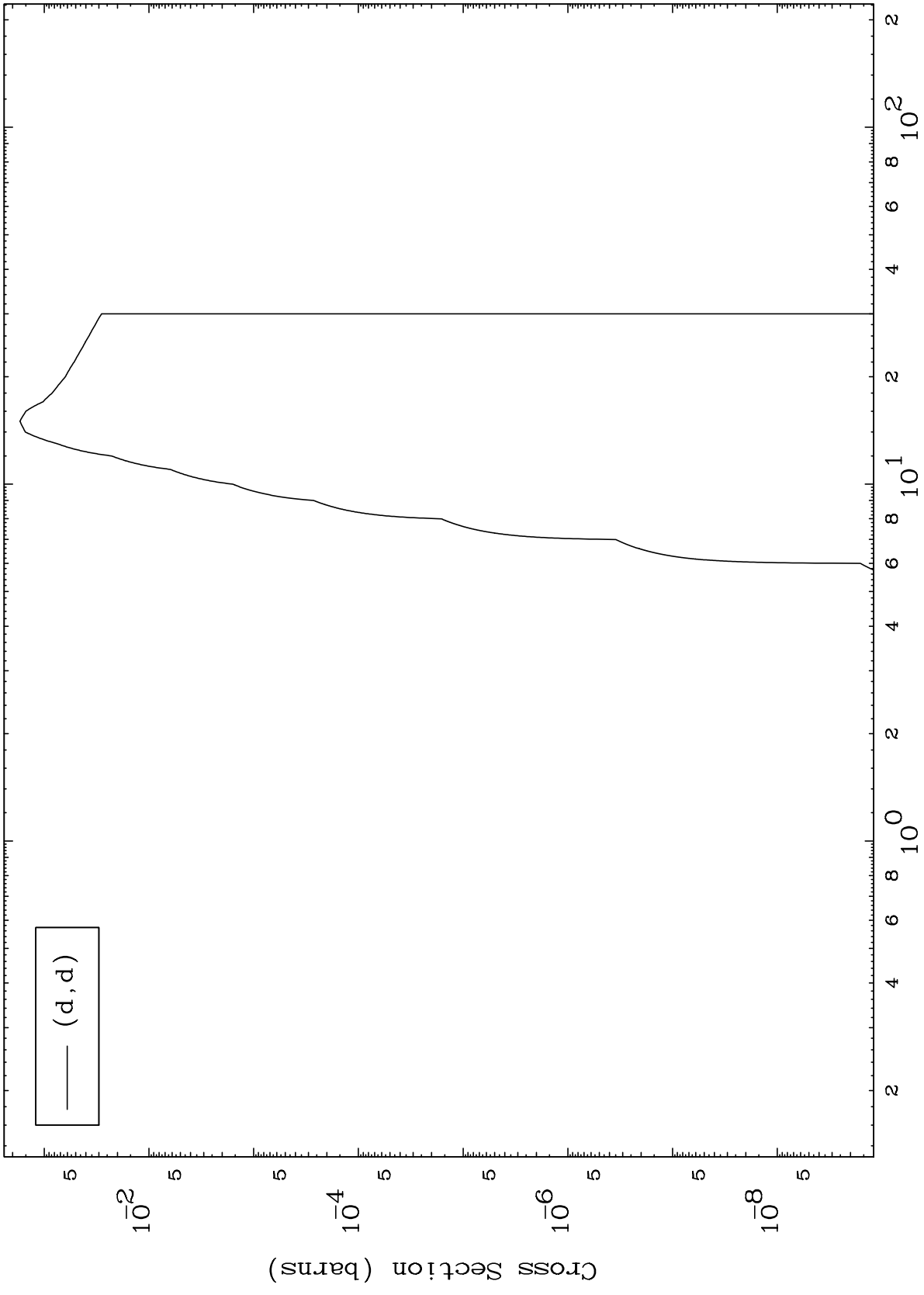
Incident Energy (MeV)

71-Lu-182

MAT 7146

(d,d) Levels  
0 Kelvin Cross Sections

71-Lu-182

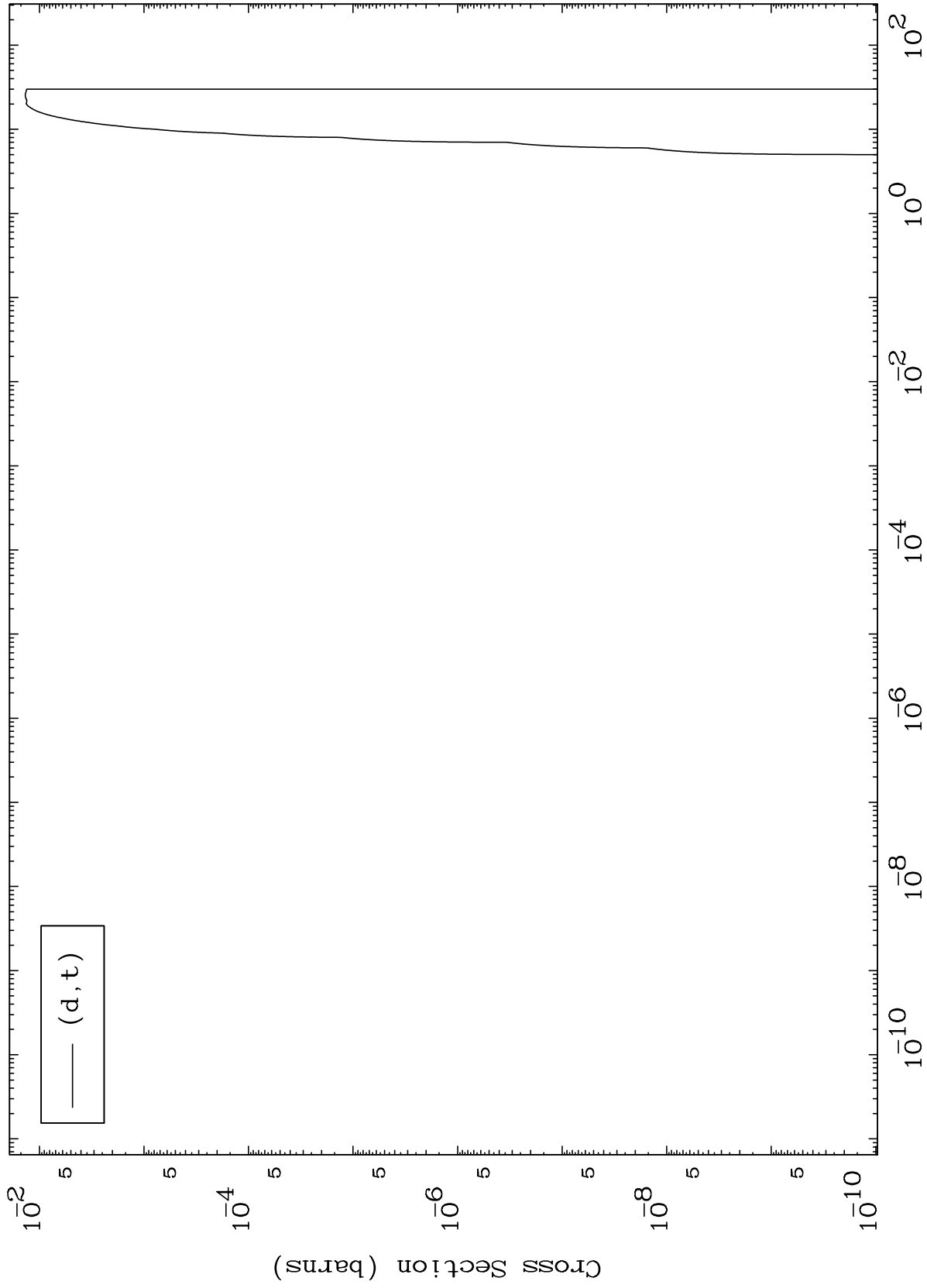


71-Lu-182

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(d,t) Levels  
0 Kelvin Cross Sections

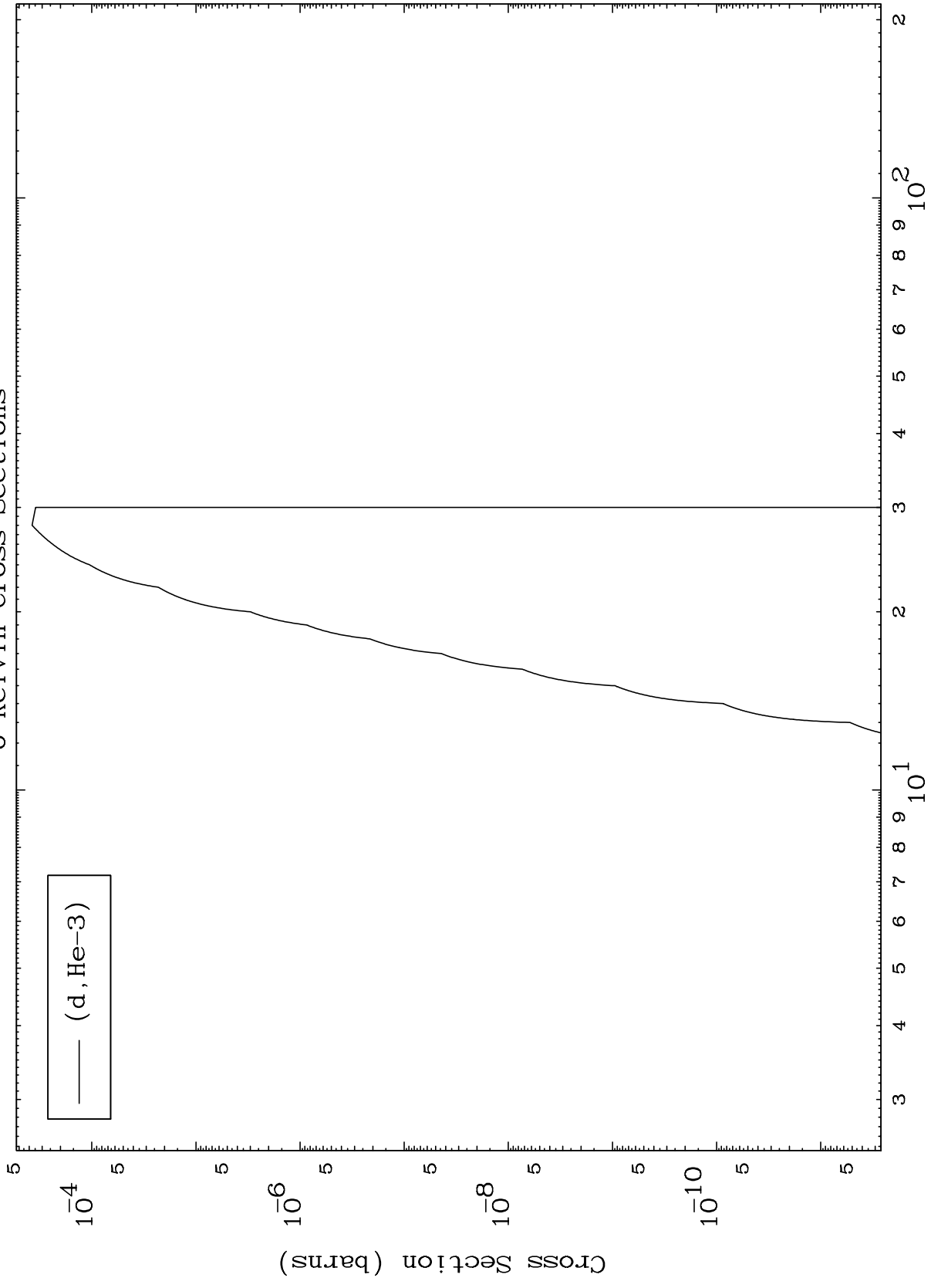
71-Lu-182



MAT 7146

(d,He3) Levels  
0 Kelvin Cross Sections

71-Lu-182



10

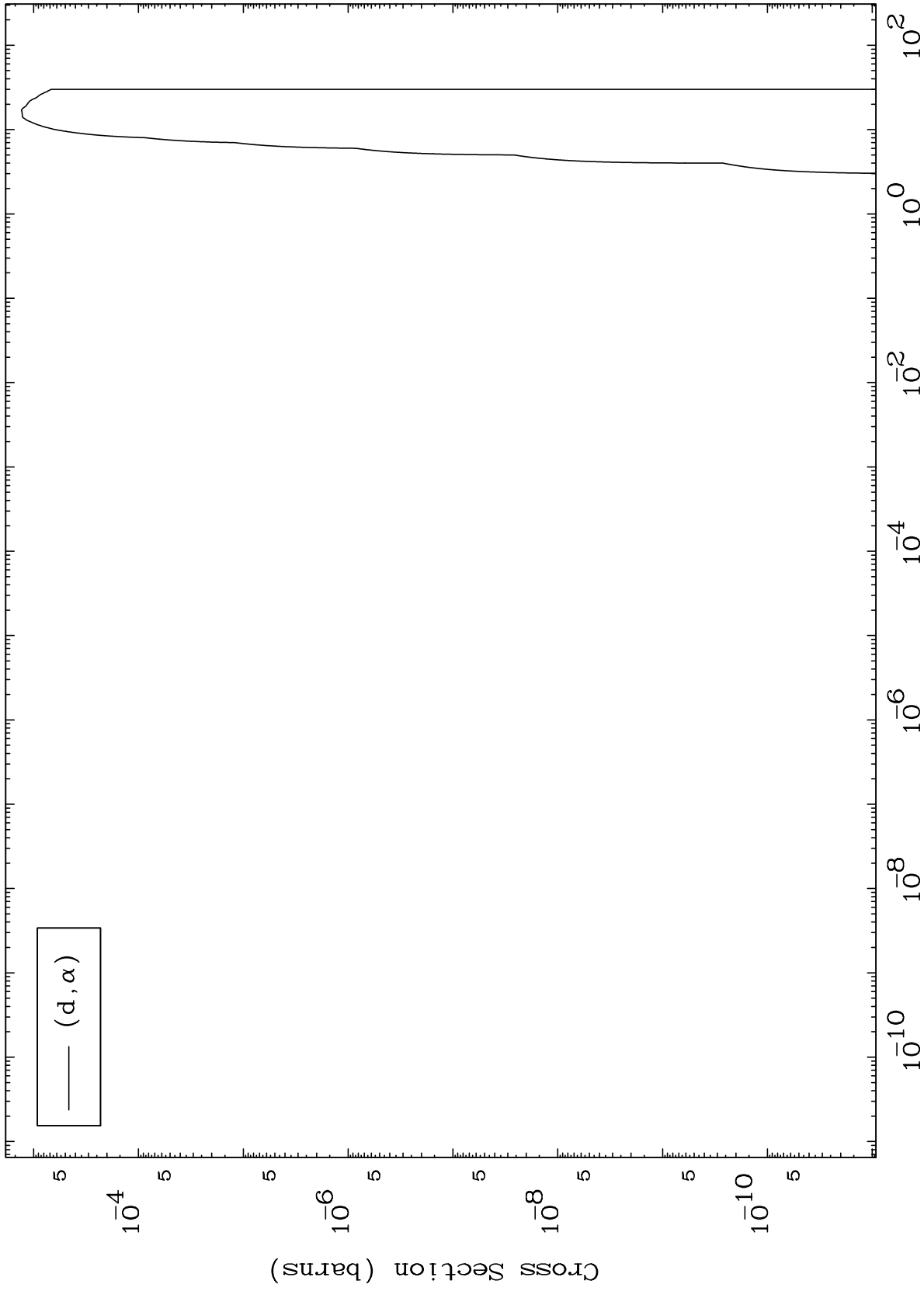
Incident Energy (MeV)

71-Lu-182

MAT 7146

(d,α) Levels  
0 Kelvin Cross Sections

71-Lu-182



11

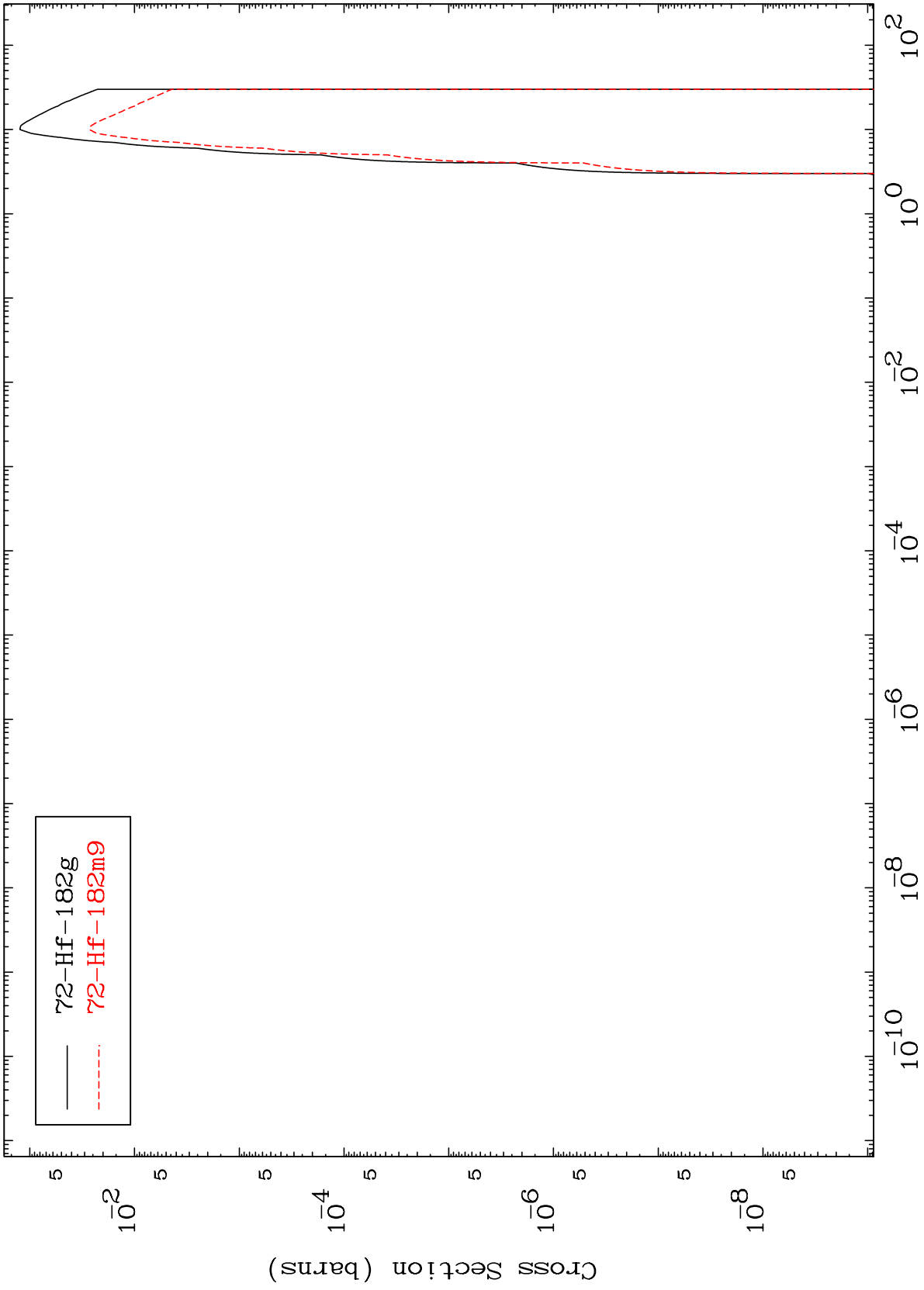
Incident Energy (MeV)

71-Lu-182

MAT 7146

(d,2n)  
Radionuclide Production Cross Section

<sup>71</sup>Lu-182



12

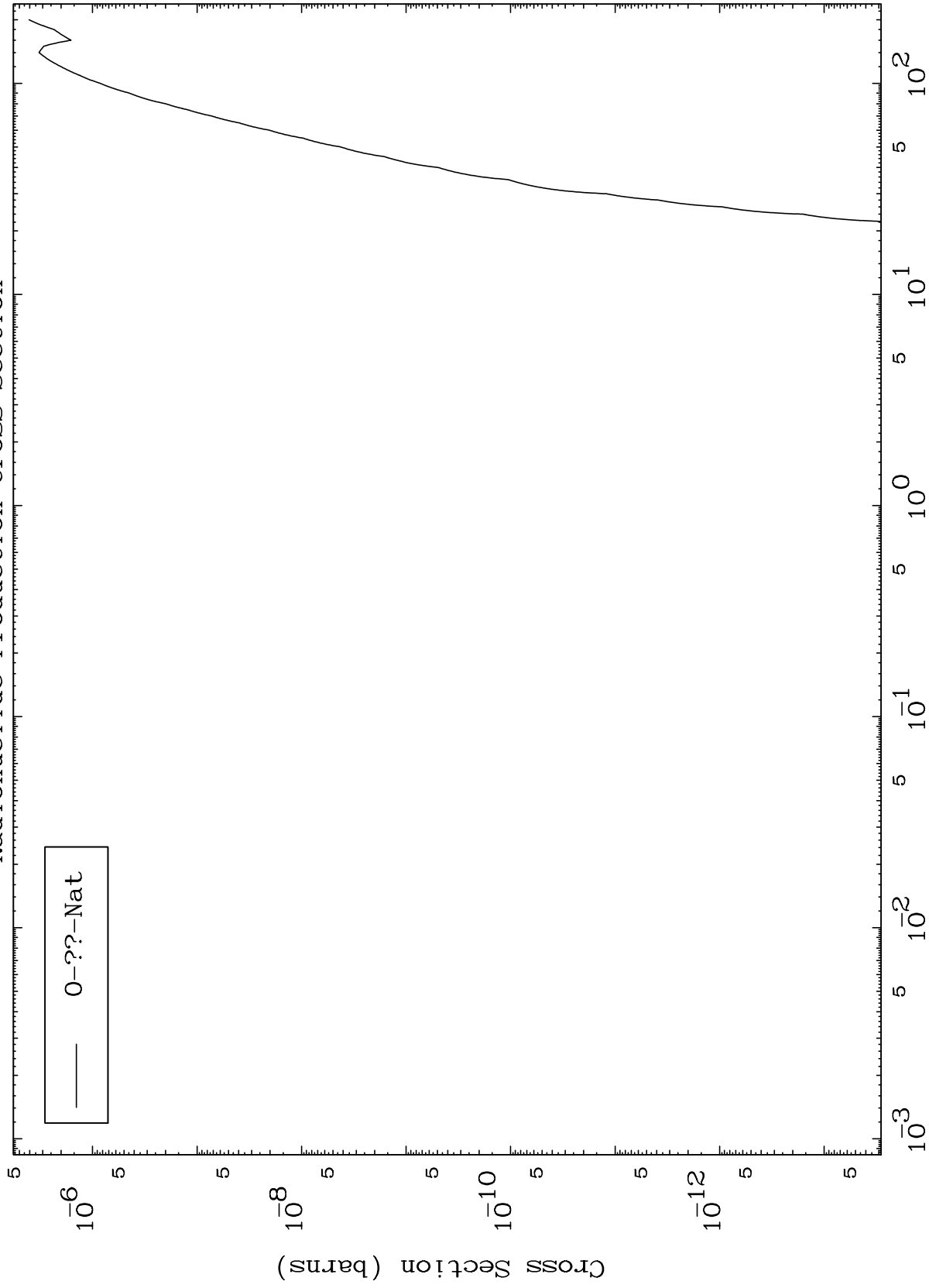
Incident Energy (MeV)

<sup>71</sup>Lu-182

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Deuteron Fission  
Radionuclide Production Cross Section

71-Lu-182



13

Incident Energy (MeV)

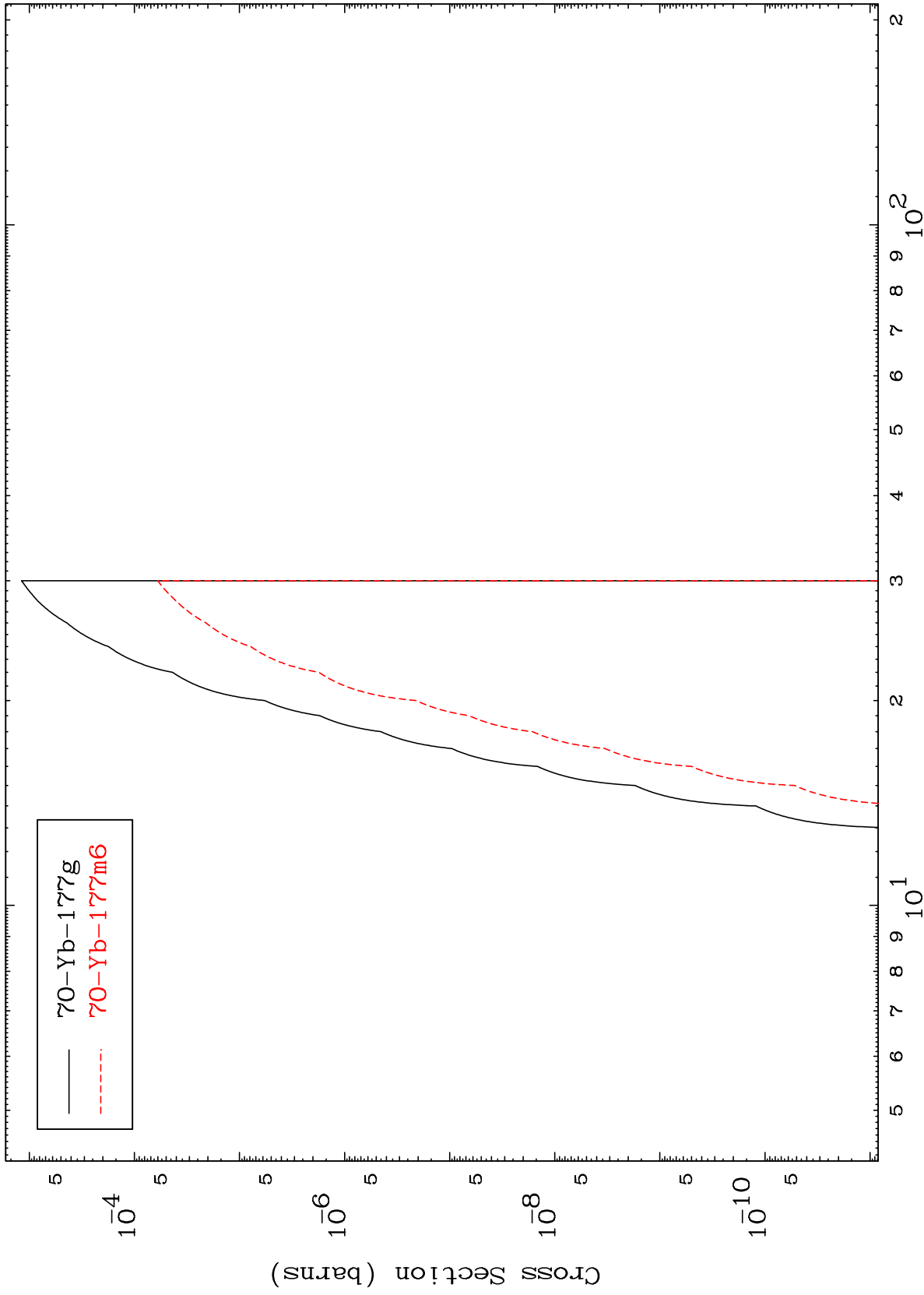
71-Lu-182

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$(d, 3n) \alpha$

$^{71}\text{Lu-182}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

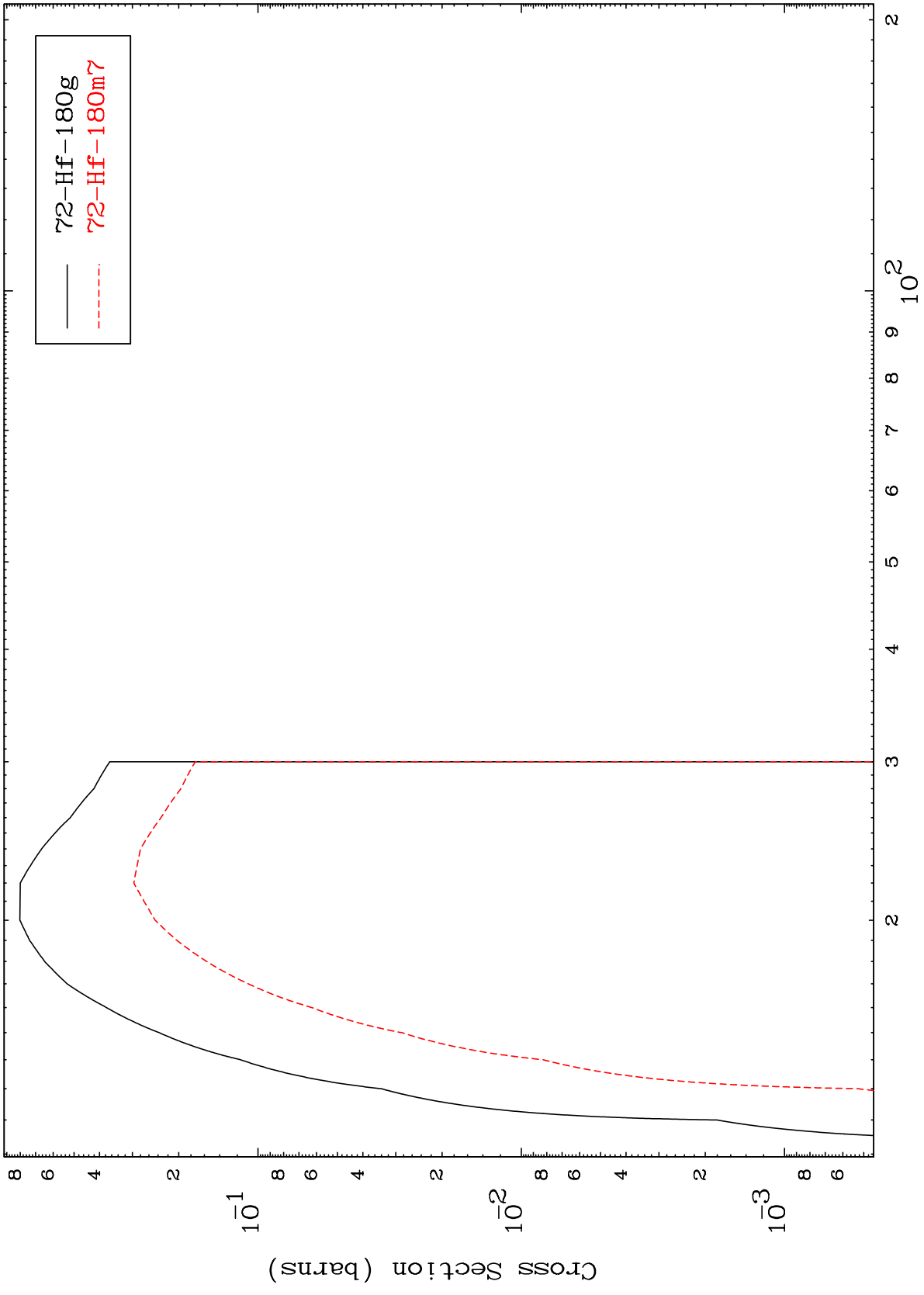
$^{71}\text{Lu-182}$

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(d,4n)

71-Lu-182

Radionuclide Production Cross Section



15

Incident Energy (MeV)

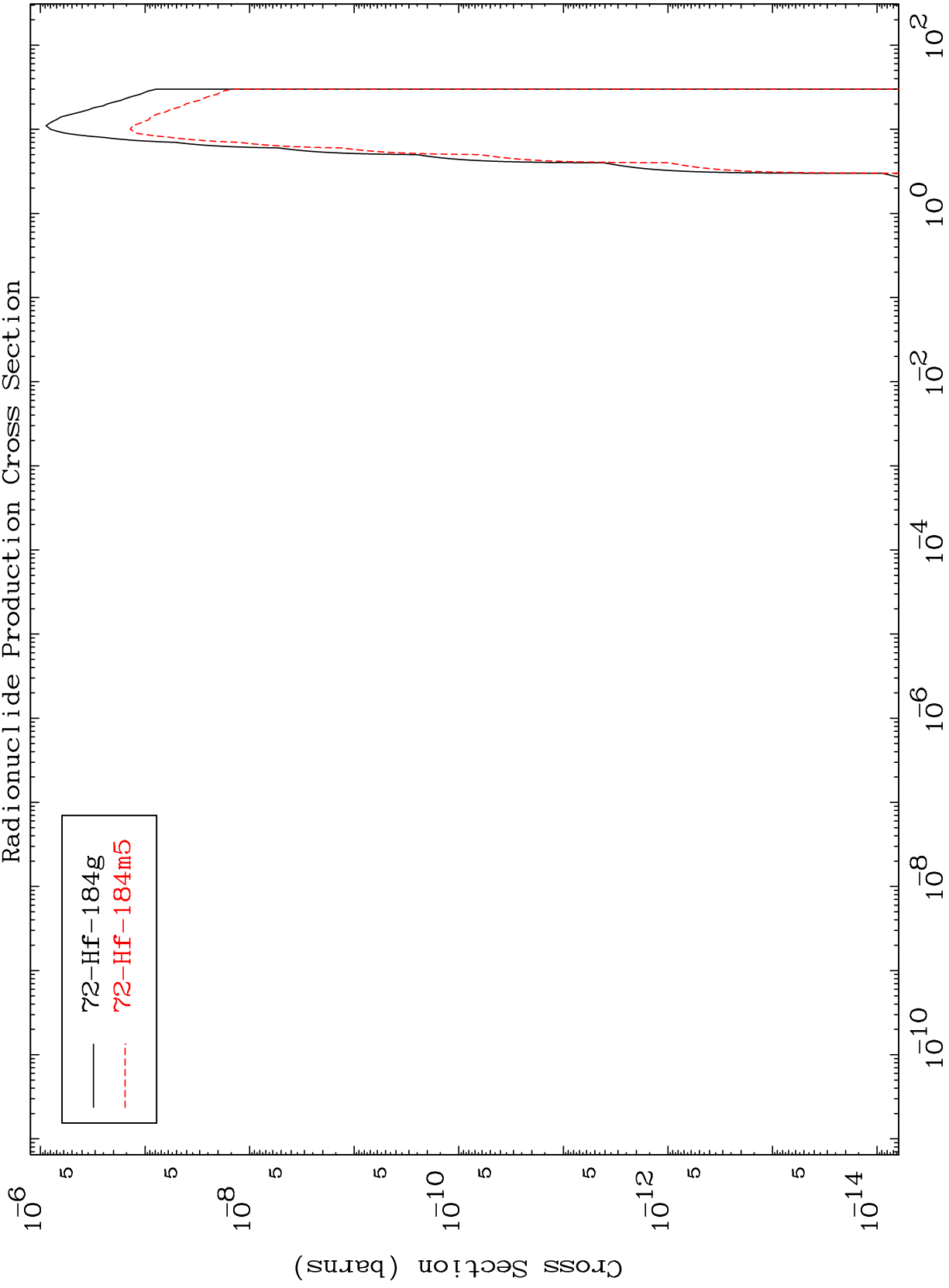
71-Lu-182

MAT 7146

(d,  $\gamma$ )

<sup>71</sup>Lu-182

Radionuclide Production Cross Section



72-Hf-184g  
72-Hf-184m5

16

Incident Energy (MeV)

<sup>71</sup>Lu-182