

Program EVALPLOT  
(Version 2018-1)

by

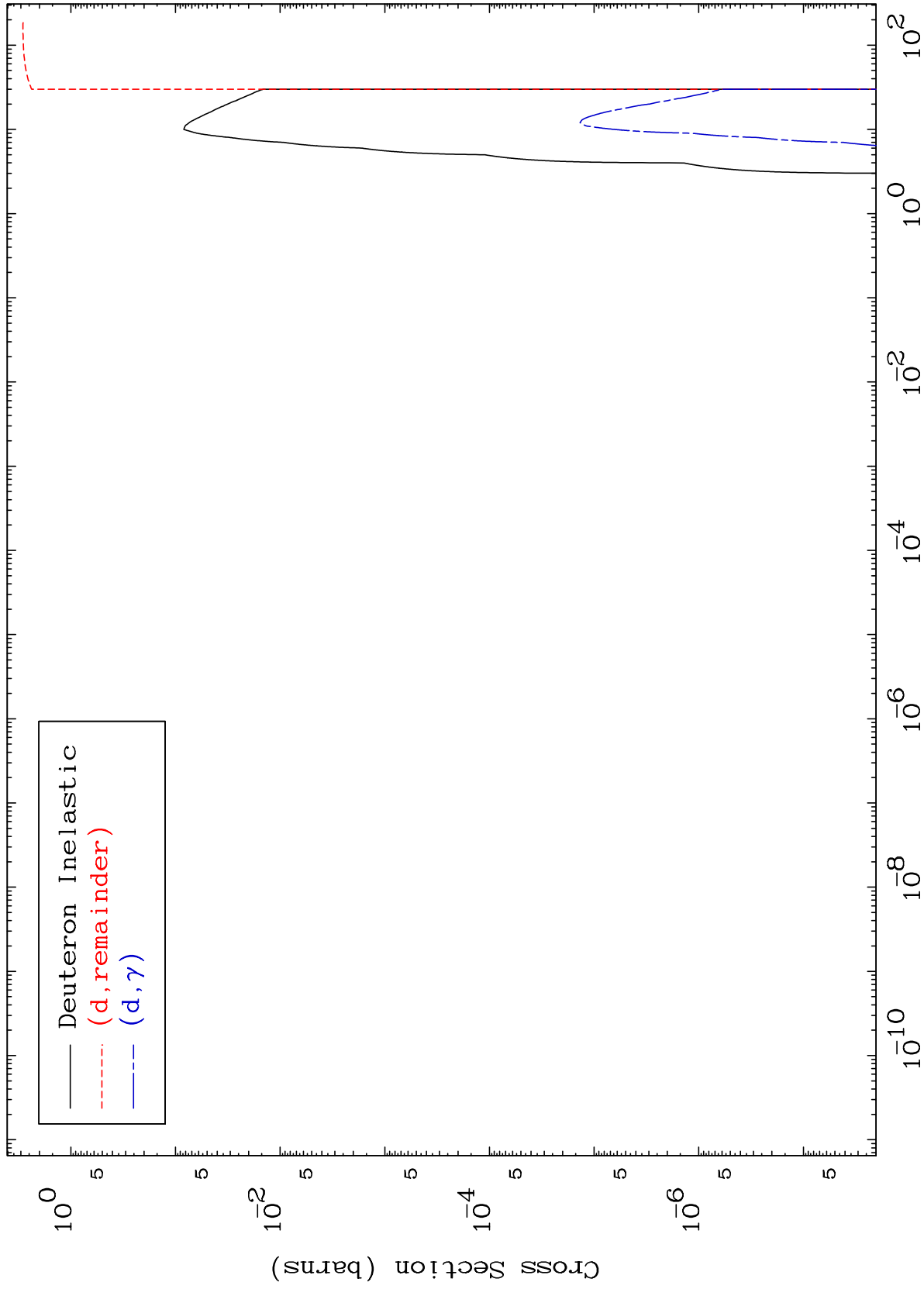
Dermott E. Cullen  
(Present Contact Information)

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Livermore, CA 94550  
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Tele: 925-443-1911

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

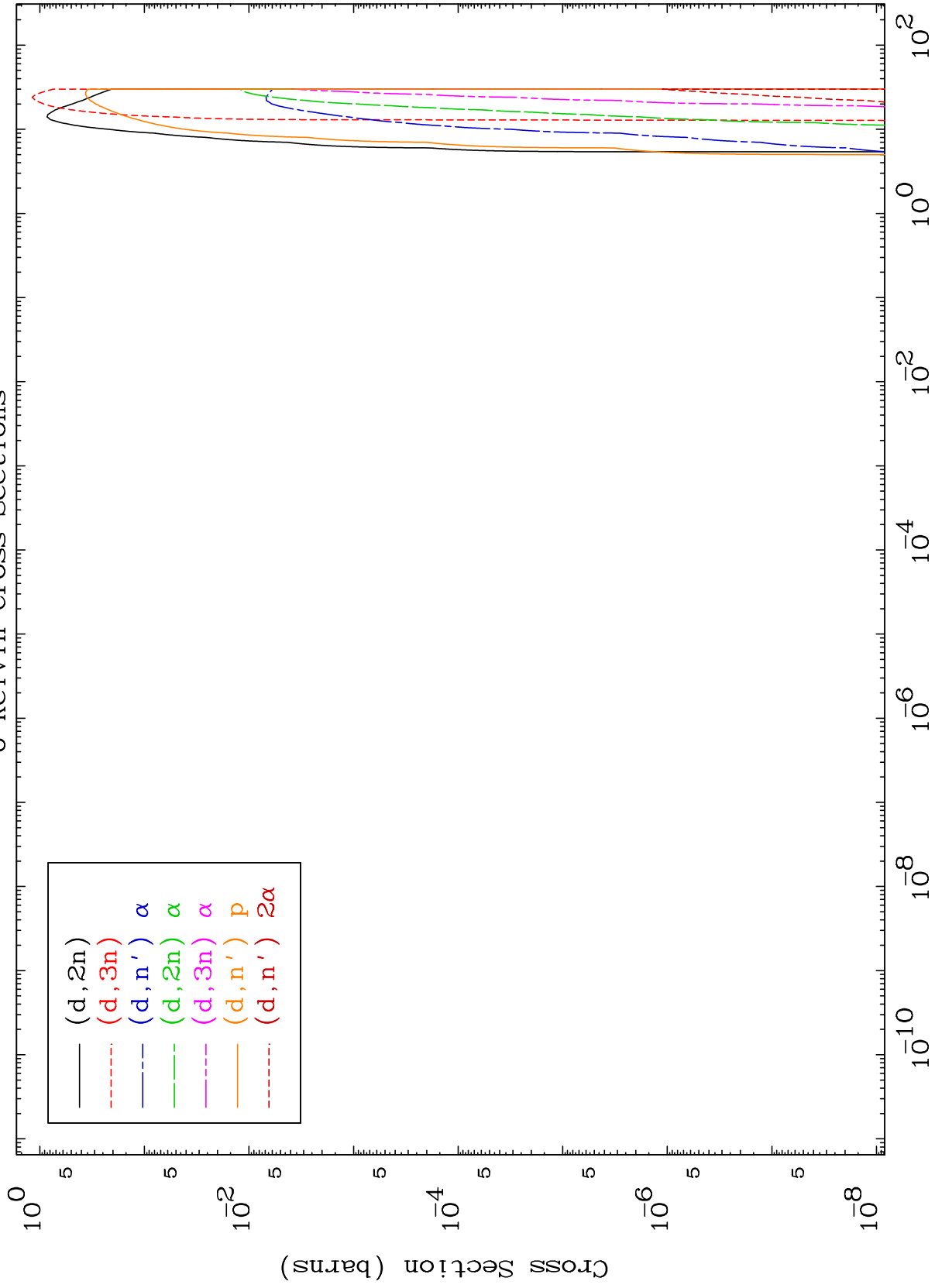
Press Mouse Button to Start



MAT 7114

Deuteron Neutron Production  
0 Kelvin Cross Sections

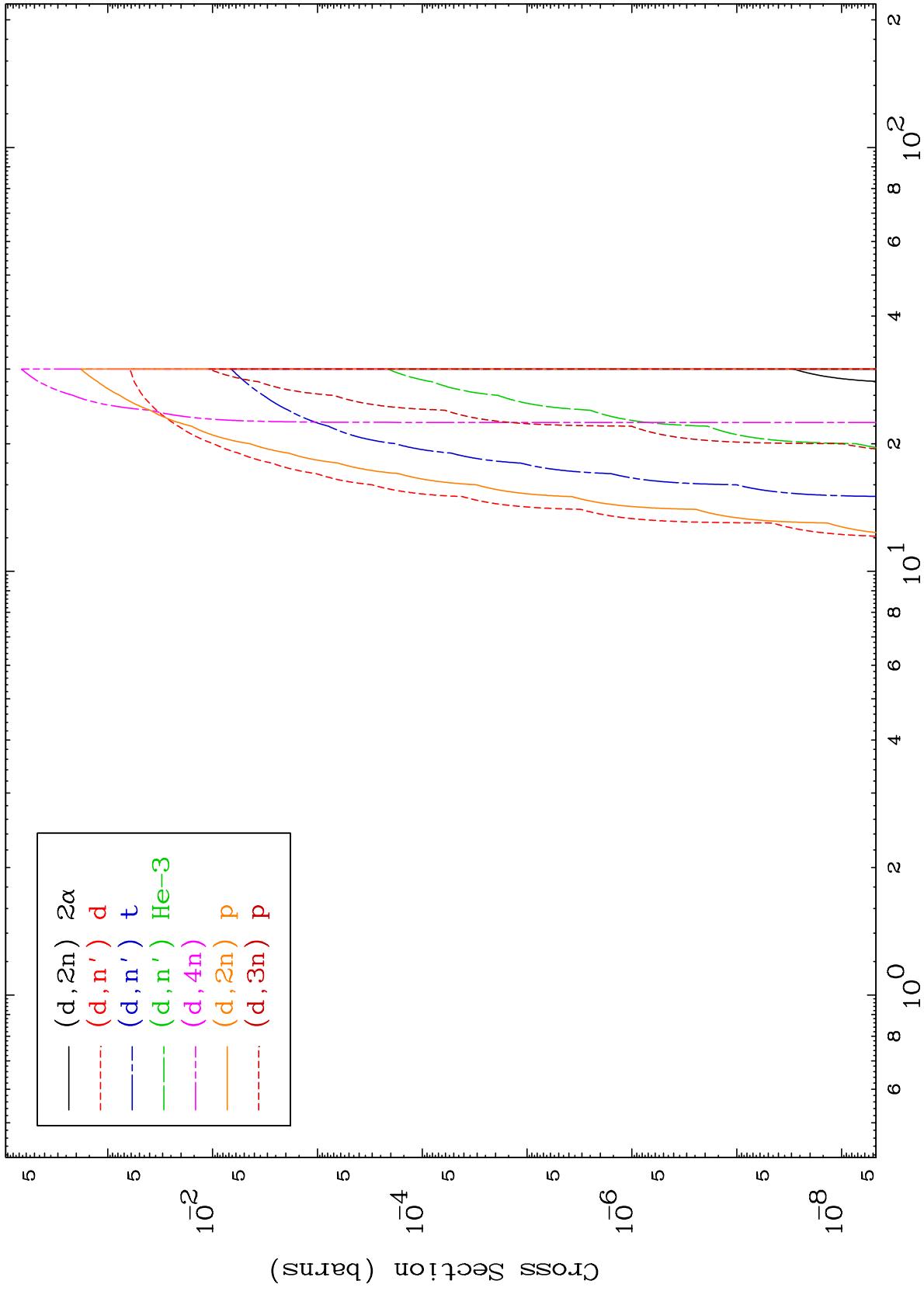
71-Lu-171



2

Incident Energy (MeV)

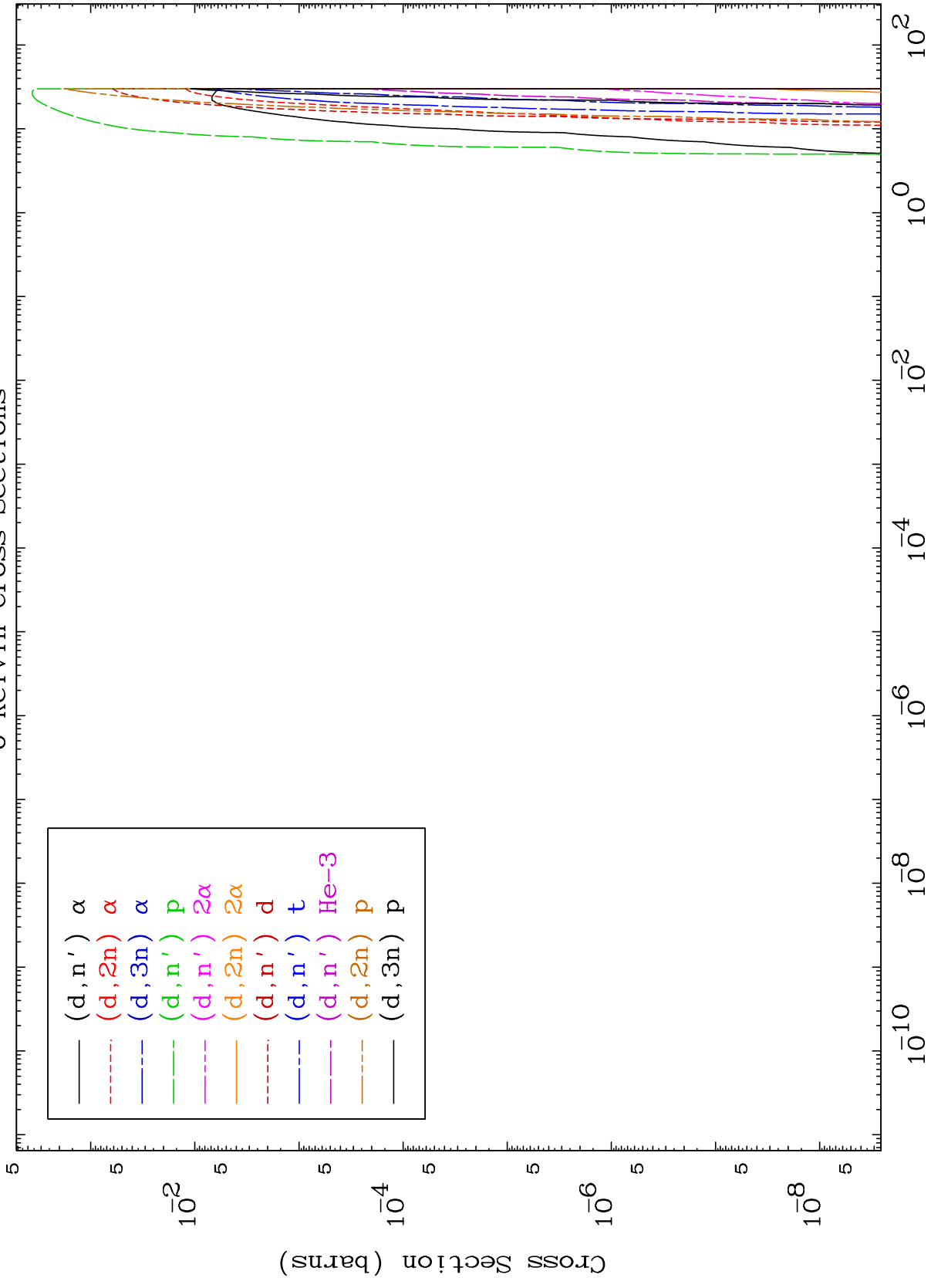
71-Lu-171



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Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-171



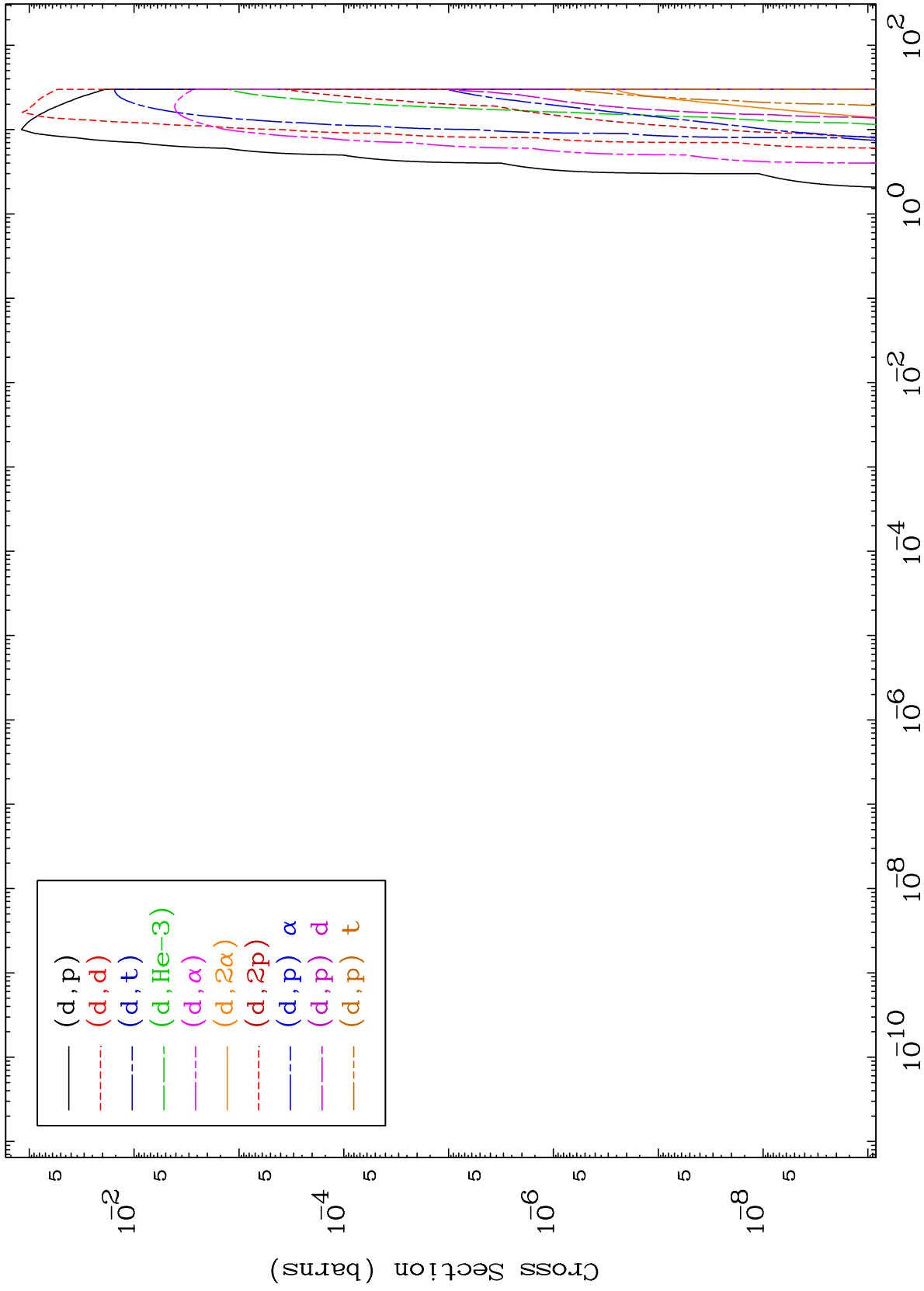
71-Lu-171

Incident Energy (MeV)

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Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-171



5

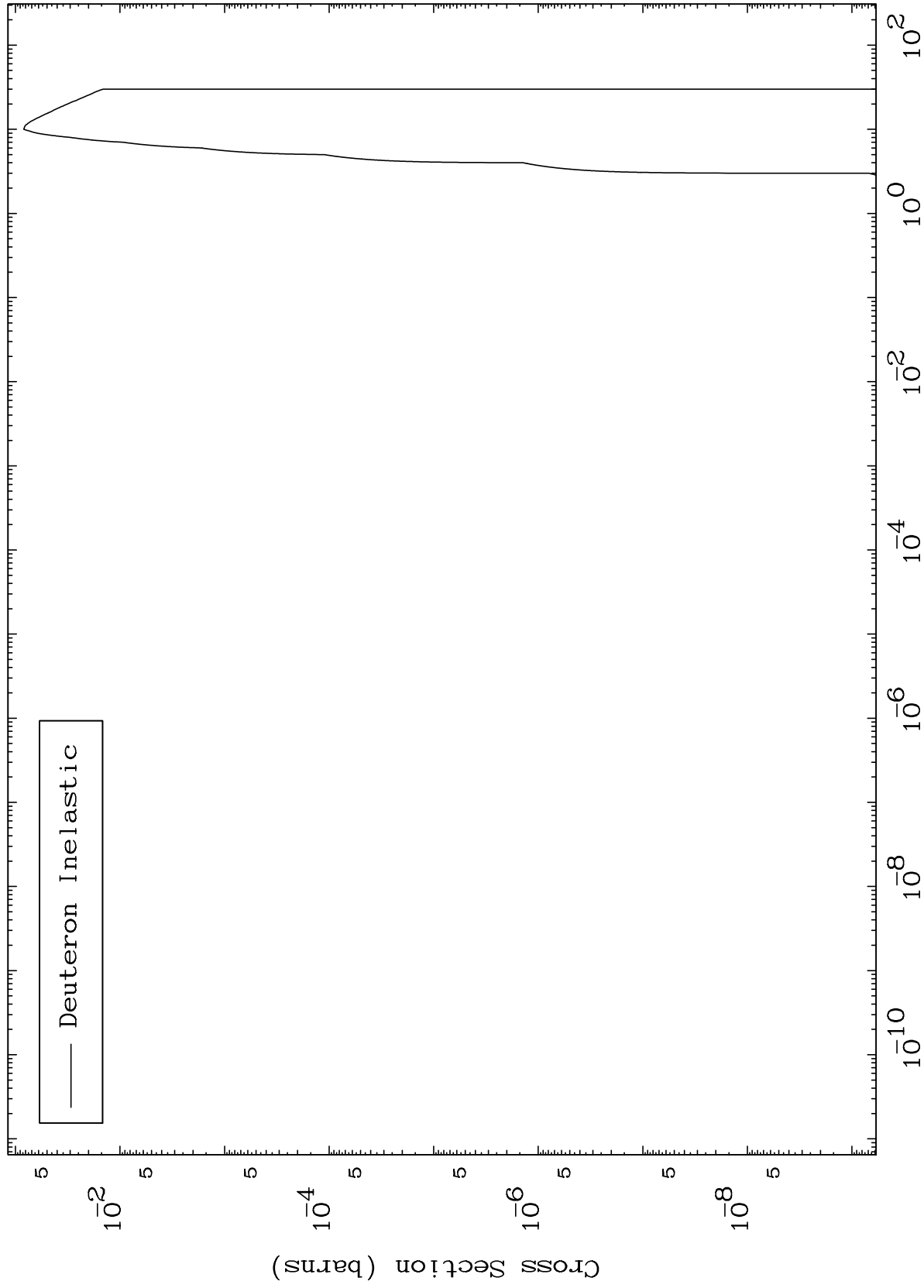
Incident Energy (MeV)

71-Lu-171

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(d,n') Level  
0 Kelvin Cross Sections

71-Lu-171



6

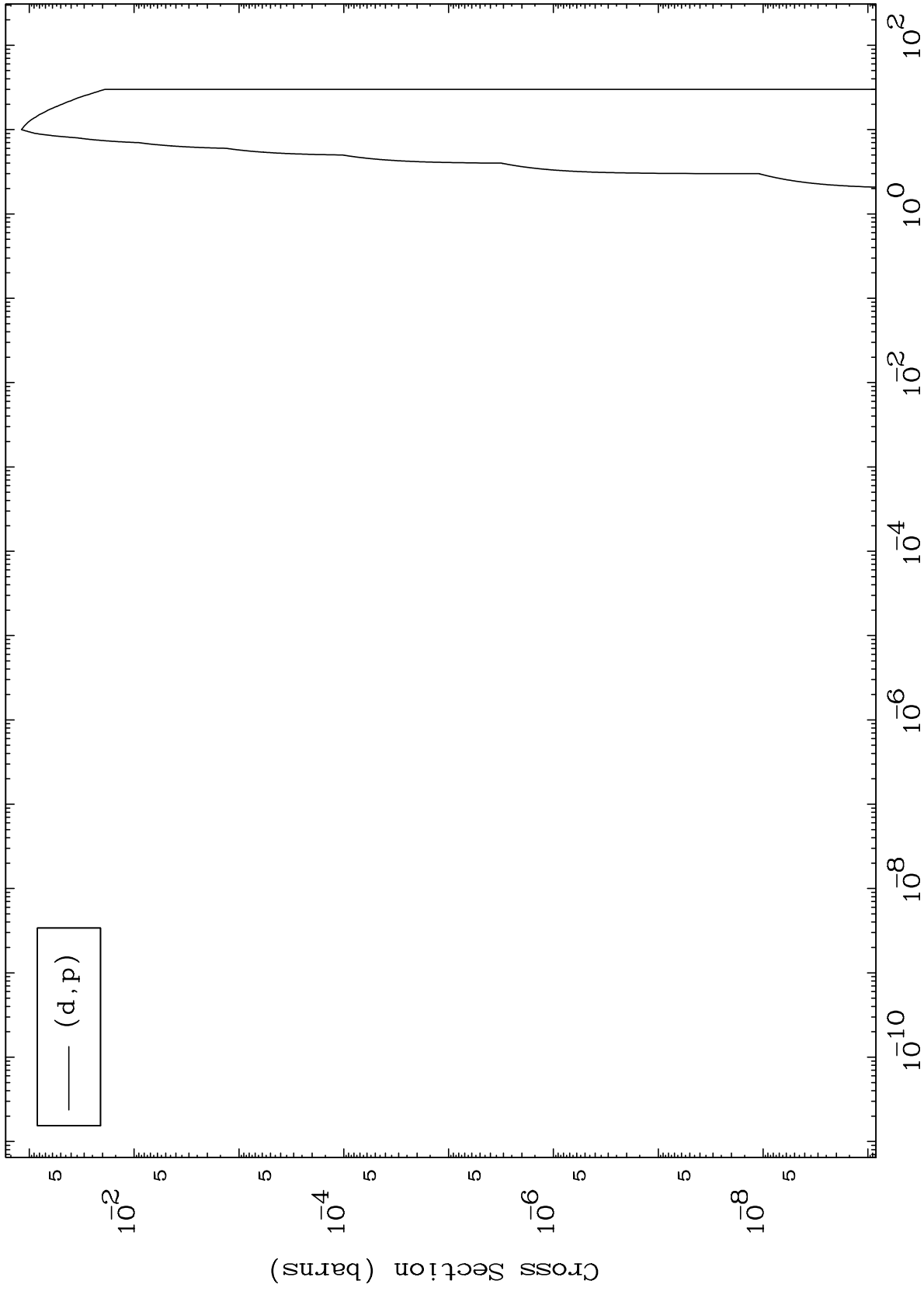
Incident Energy (MeV)

71-Lu-171

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(d,p) Levels  
0 Kelvin Cross Sections

71-Lu-171



7

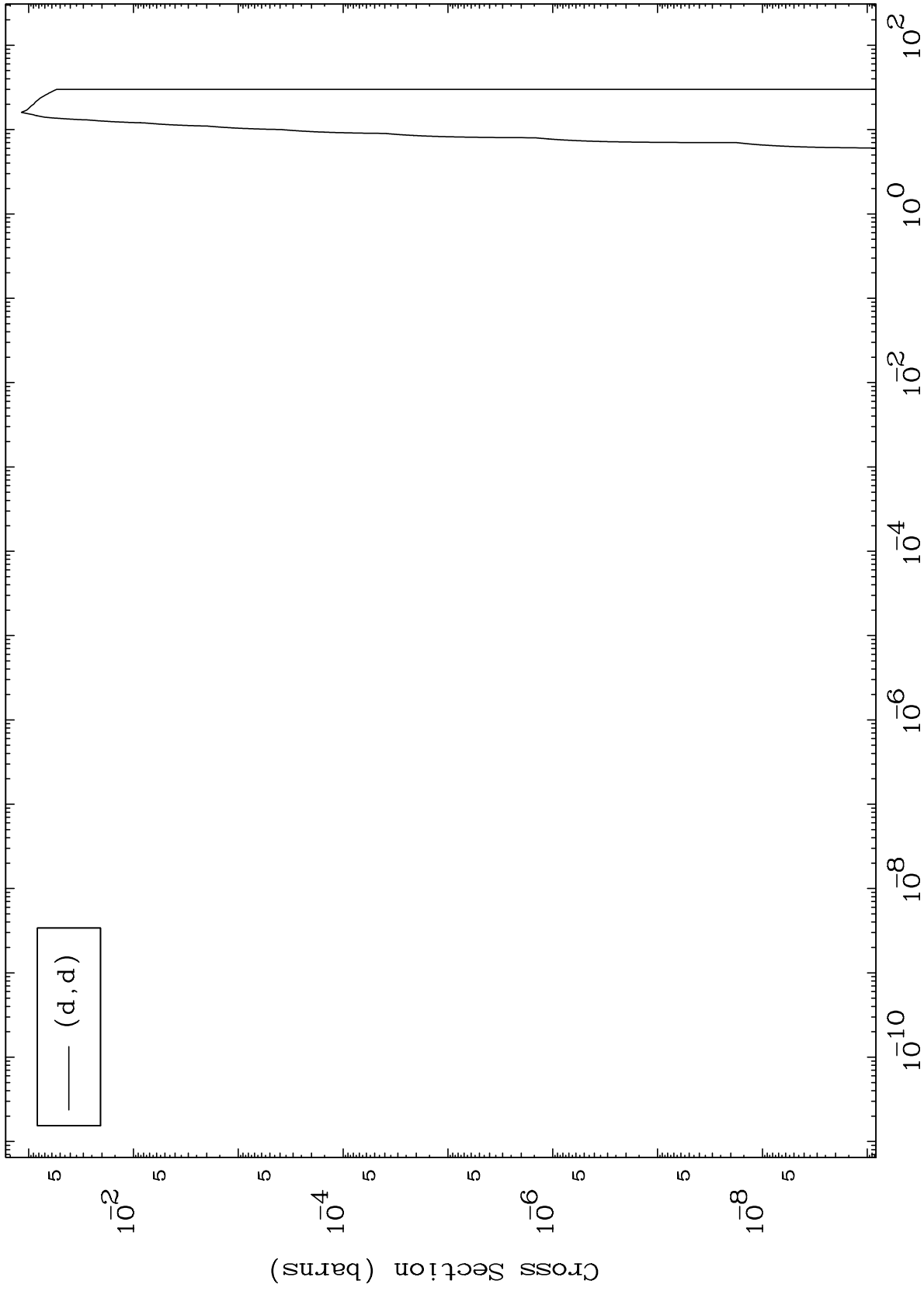
Incident Energy (MeV)

71-Lu-171

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(d,d) Levels  
0 Kelvin Cross Sections

71-Lu-171



8

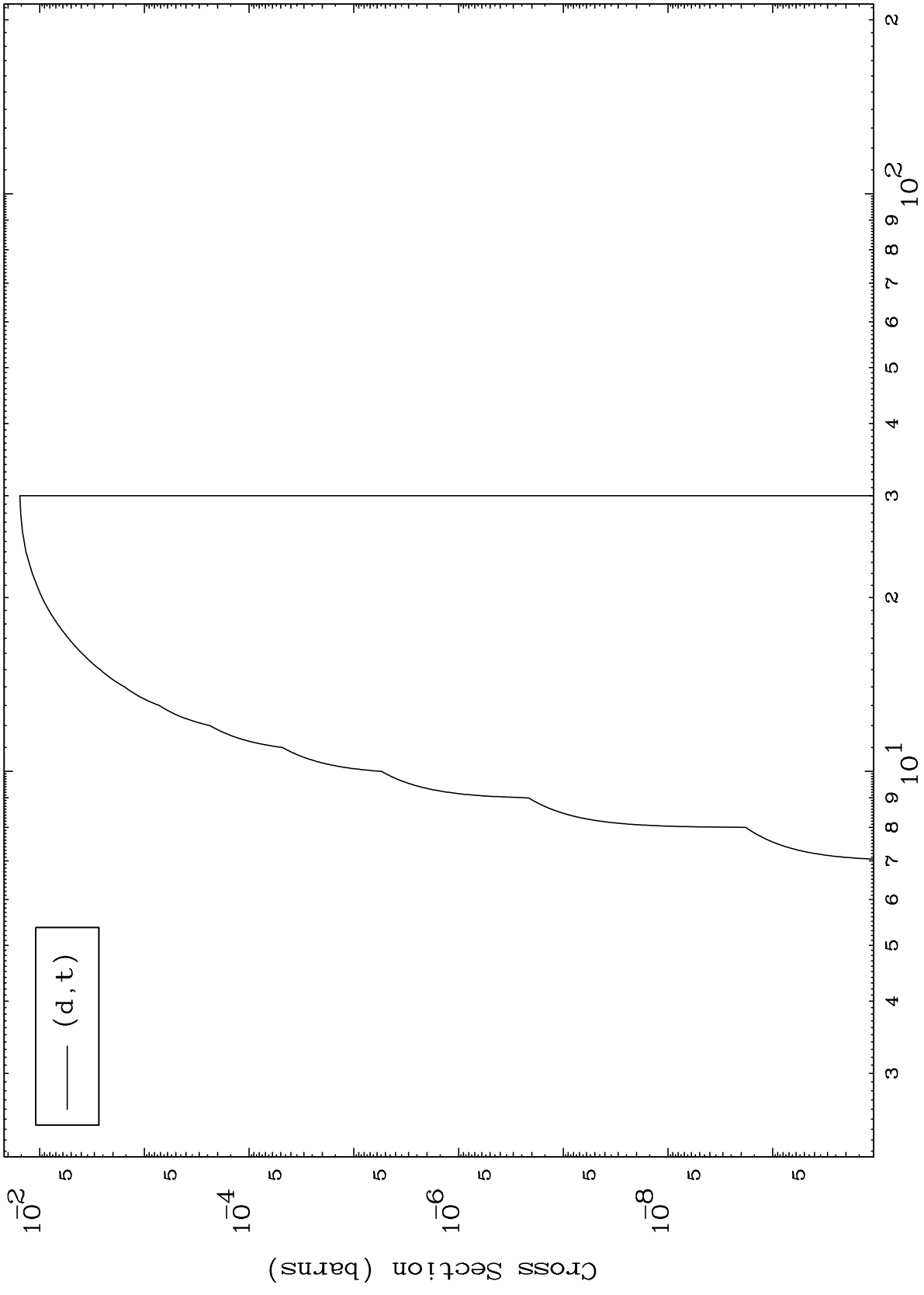
Incident Energy (MeV)

71-Lu-171

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(d,t) Levels  
0 Kelvin Cross Sections

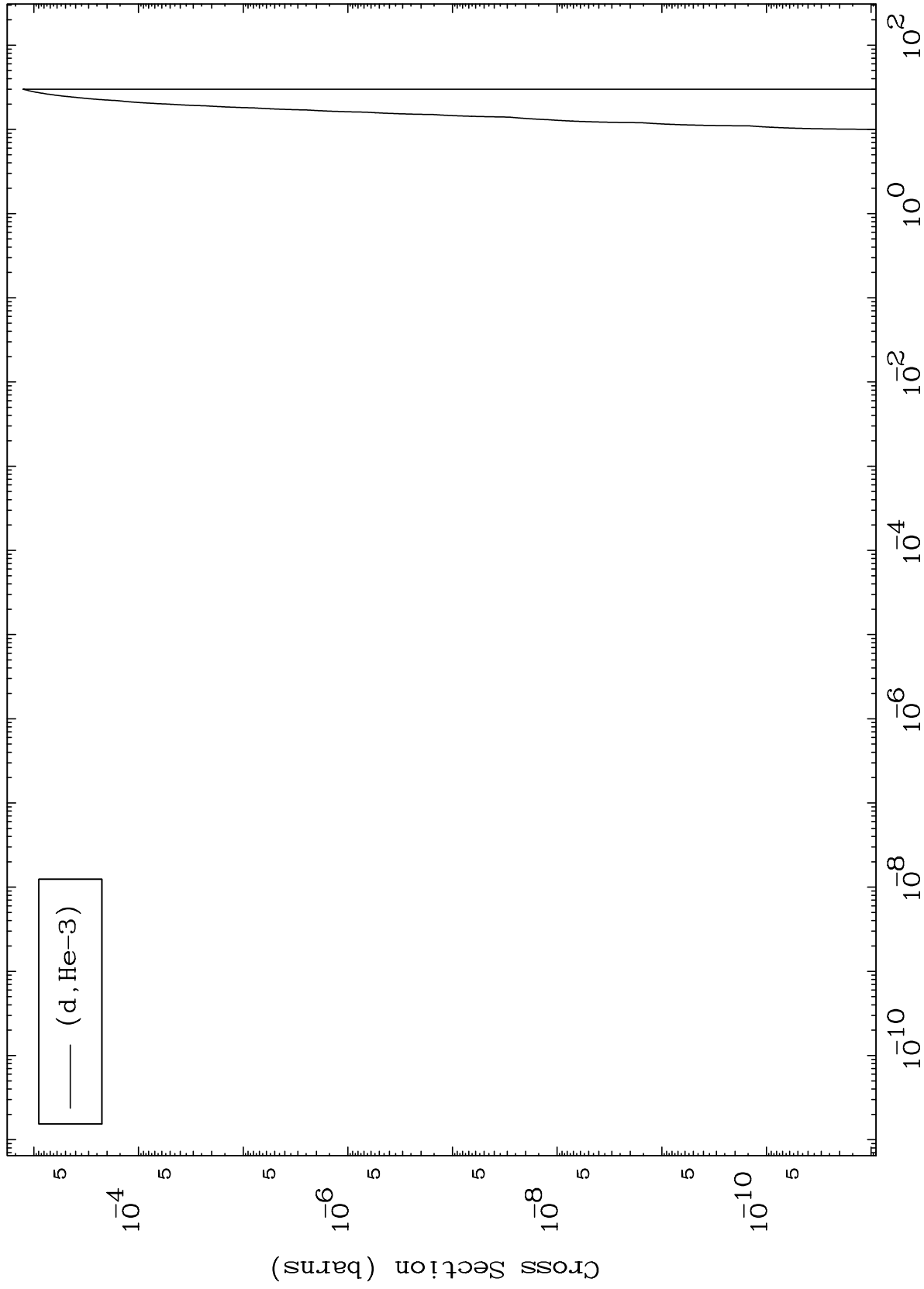
71-Lu-171



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(d,He3) Levels  
0 Kelvin Cross Sections

71-Lu-171



10

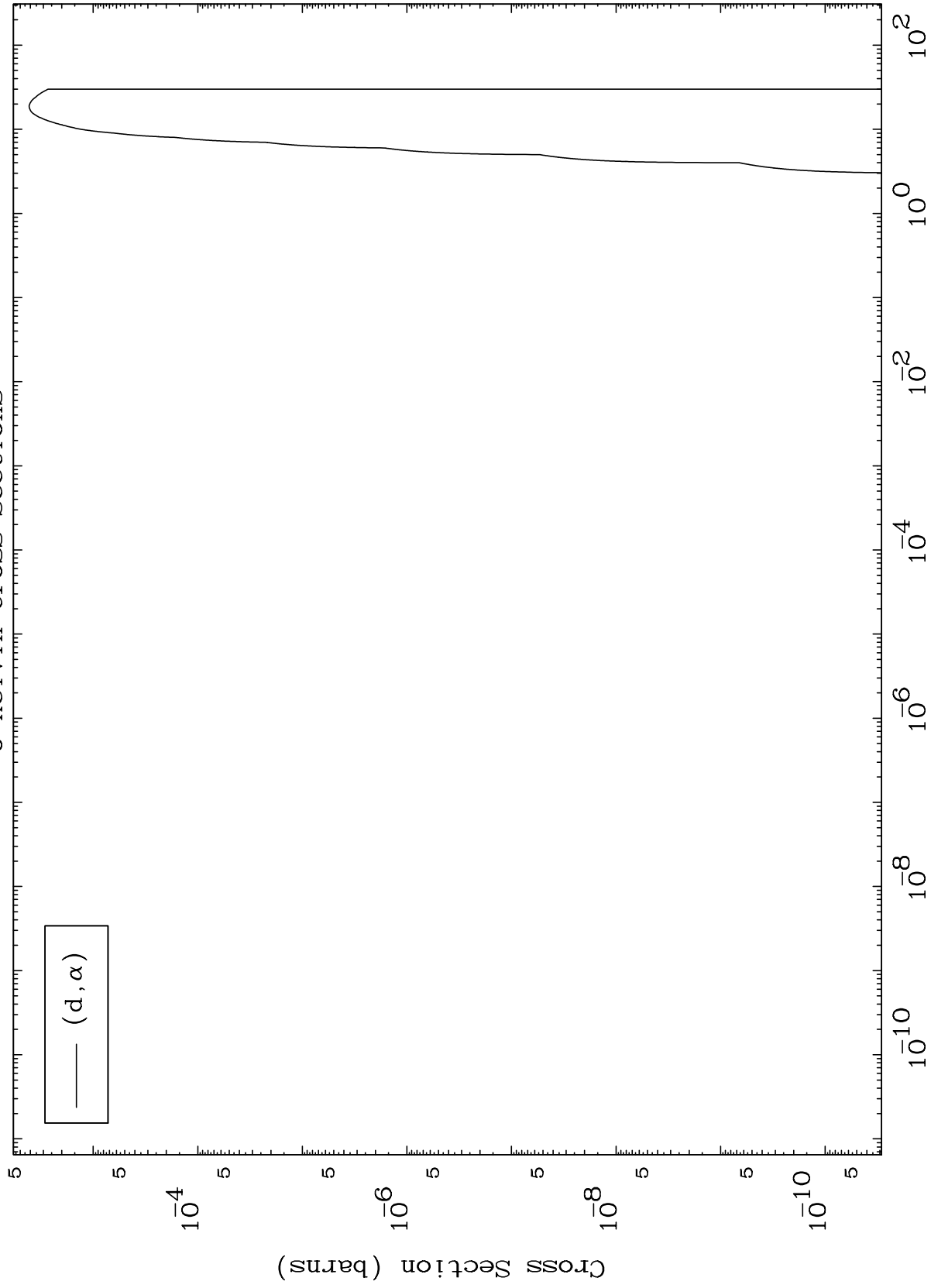
Incident Energy (MeV)

71-Lu-171

MAT 7114

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

71-Lu-171



11

Incident Energy (MeV)

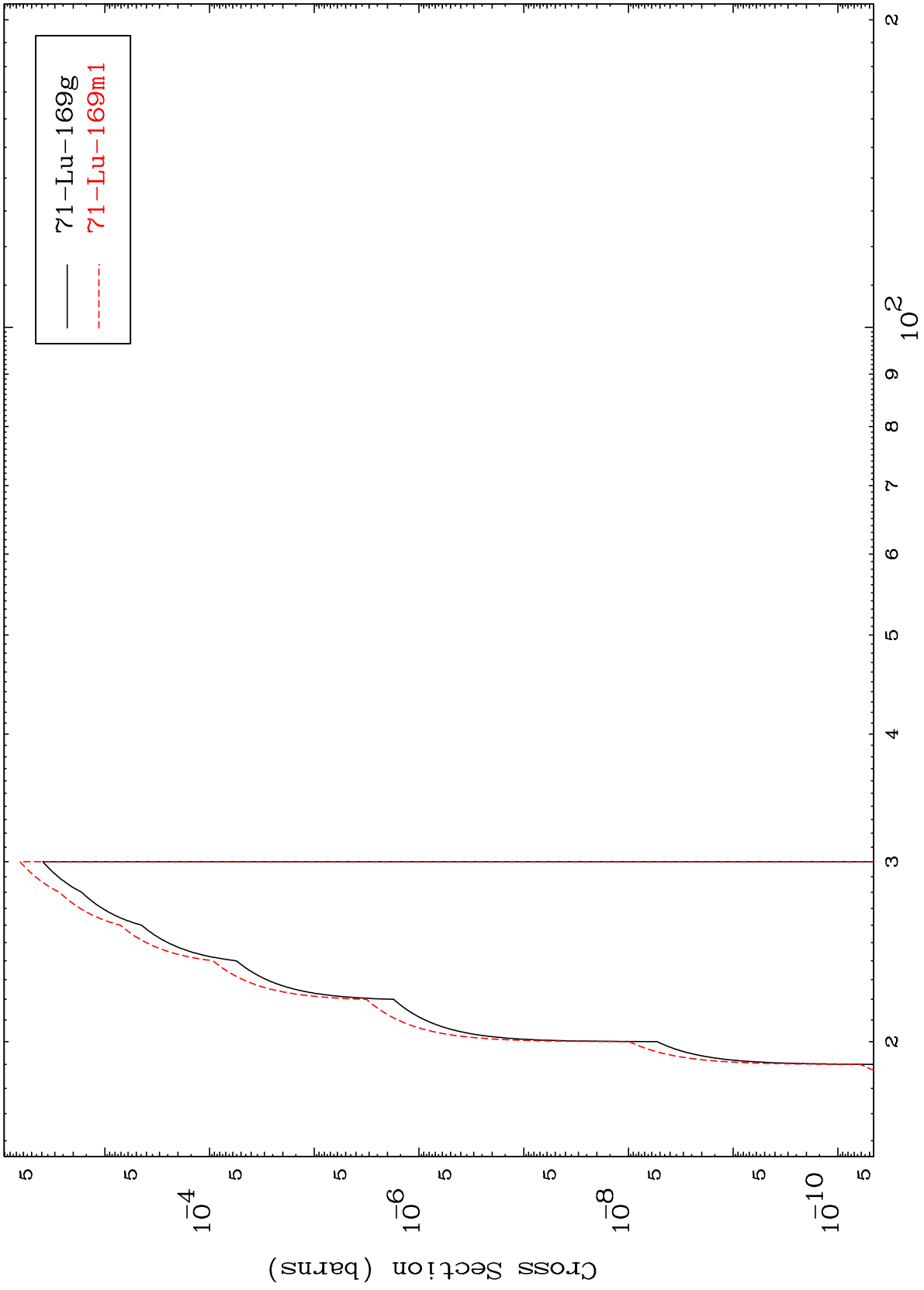
71-Lu-171

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(d,2n) d

<sup>71</sup>Lu-171

Radionuclide Production Cross Section



12

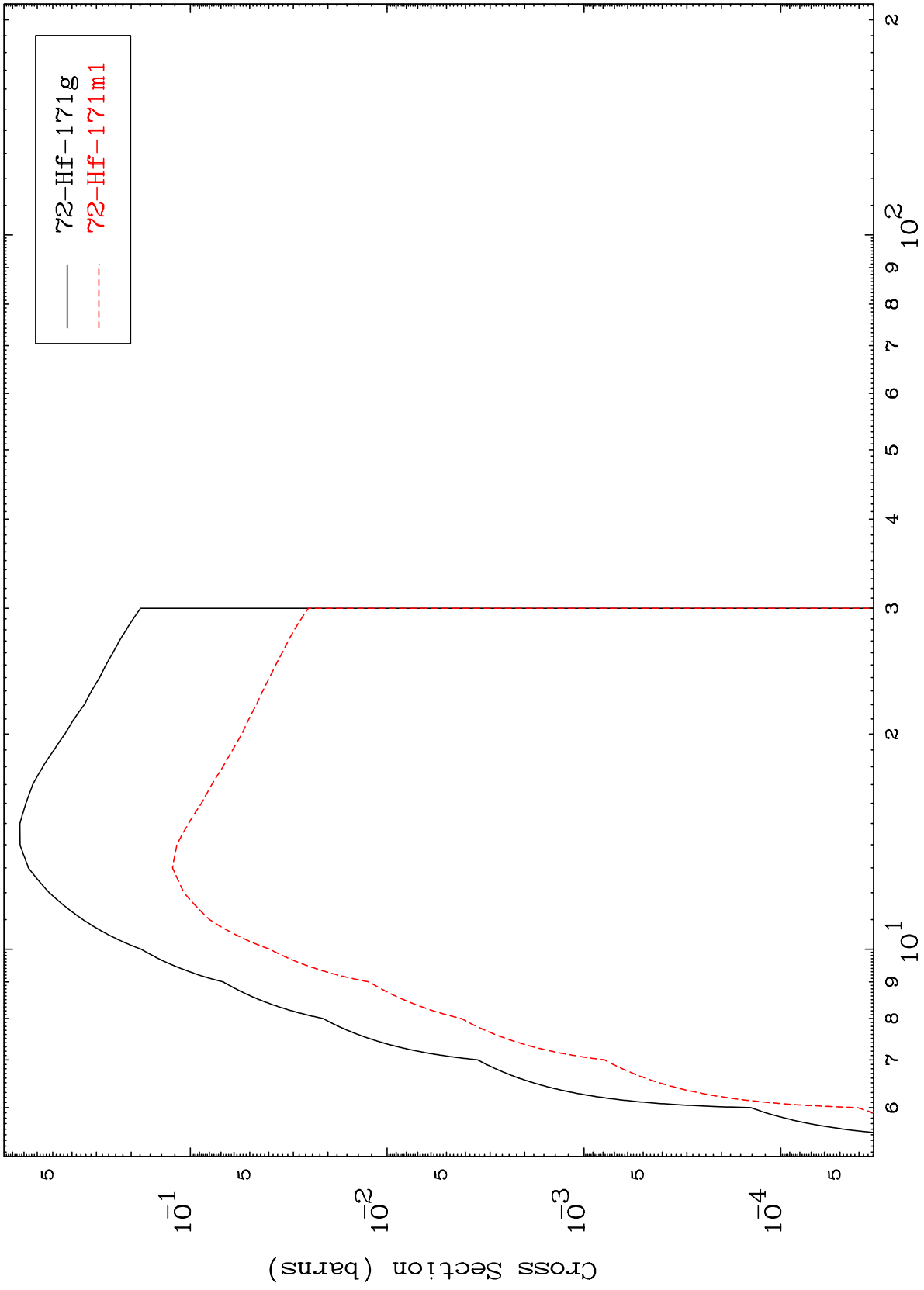
Incident Energy (MeV)

<sup>71</sup>Lu-171

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71-Lu-171

(d,2n)  
Radionuclide Production Cross Section



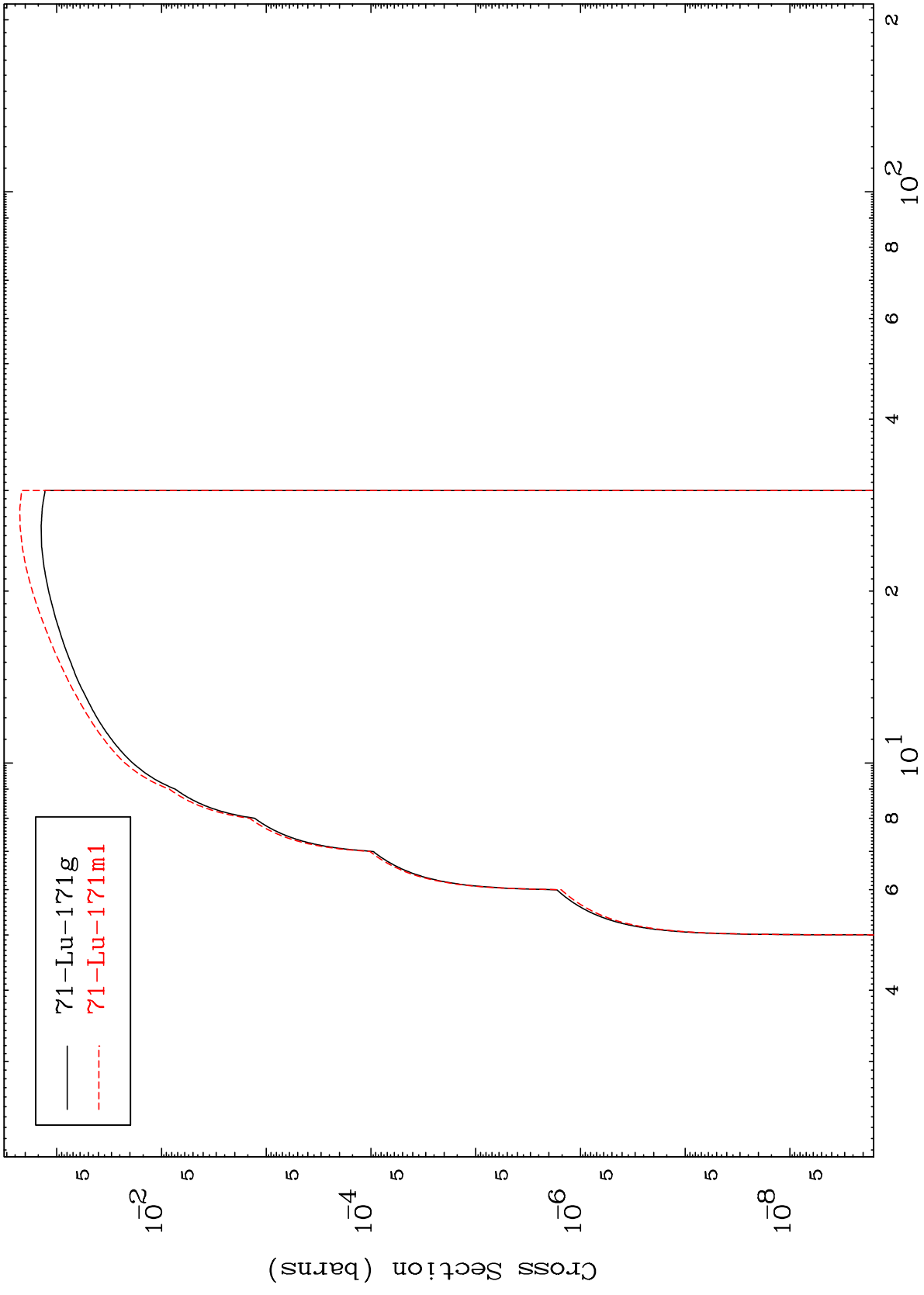
13

71-Lu-171

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<sup>71</sup>Lu-171

Radionuclide Production Cross Section (d,n') p

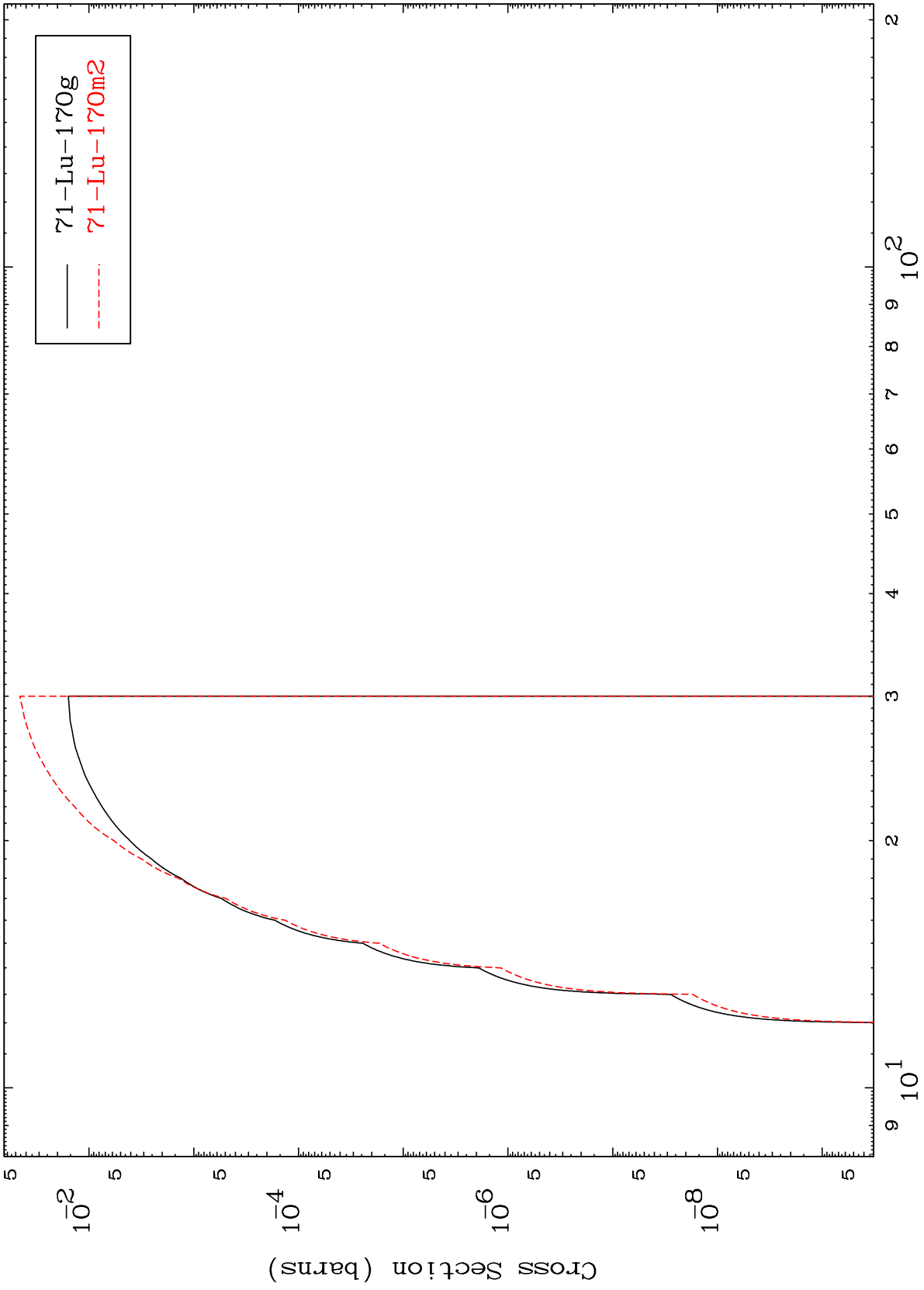


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(d,n') d

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Radionuclide Production Cross Section



15

Incident Energy (MeV)

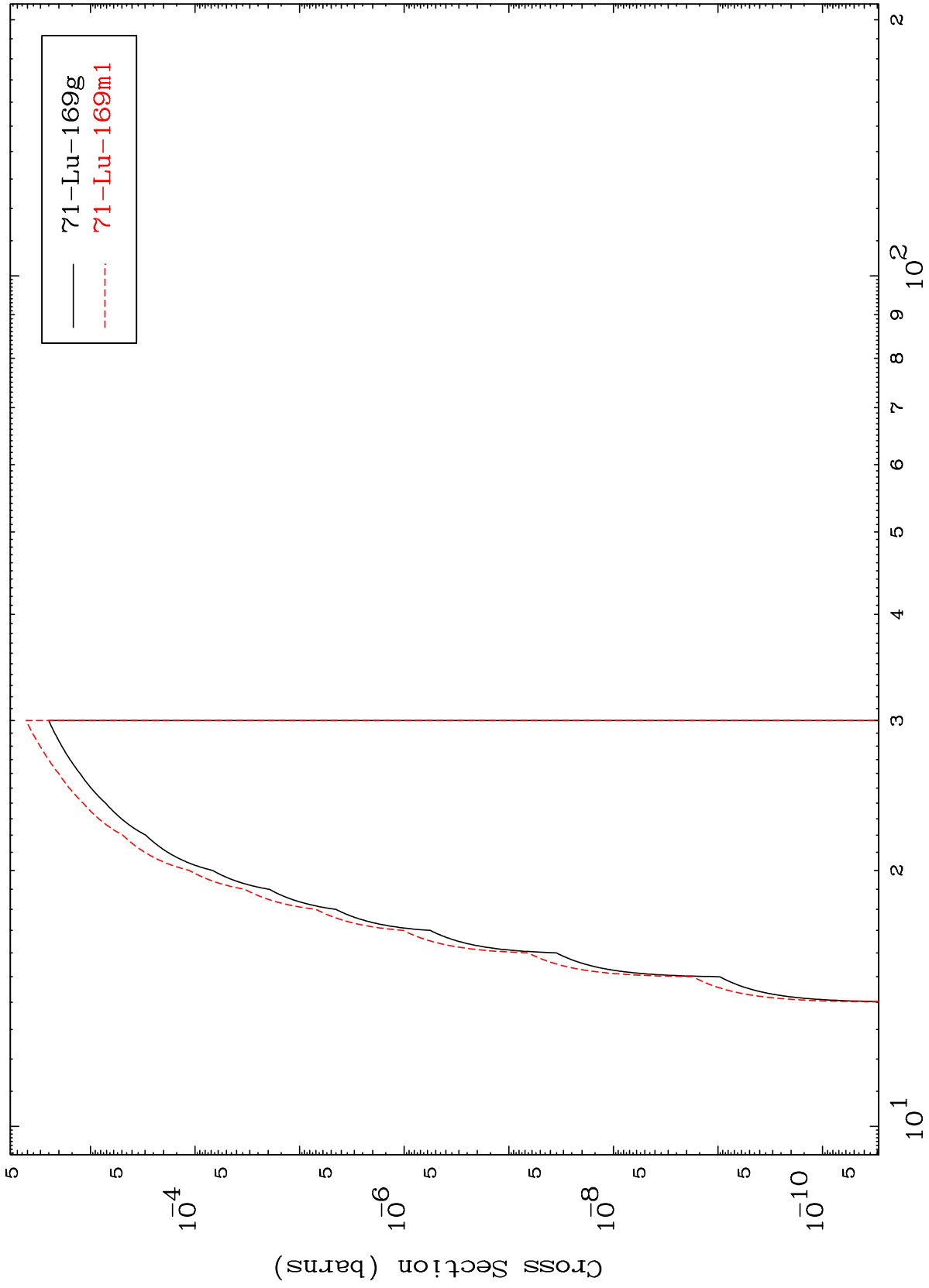
71-Lu-171

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(d,n') t

71-Lu-171

Radionuclide Production Cross Section



Incident Energy (MeV)

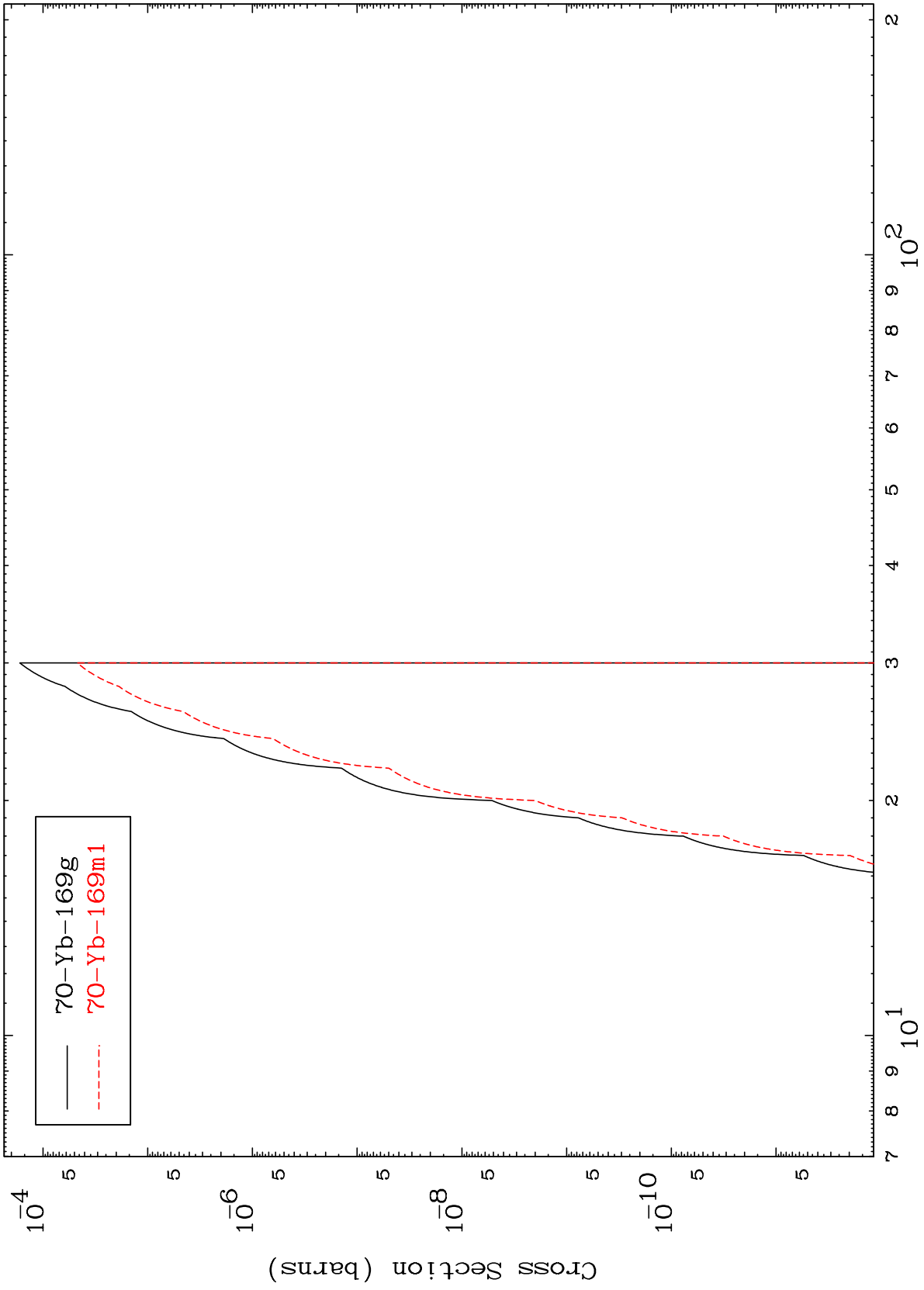
71-Lu-171

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(d, n') He-3

71-Lu-171

Radionuclide Production Cross Section



17

Incident Energy (MeV)

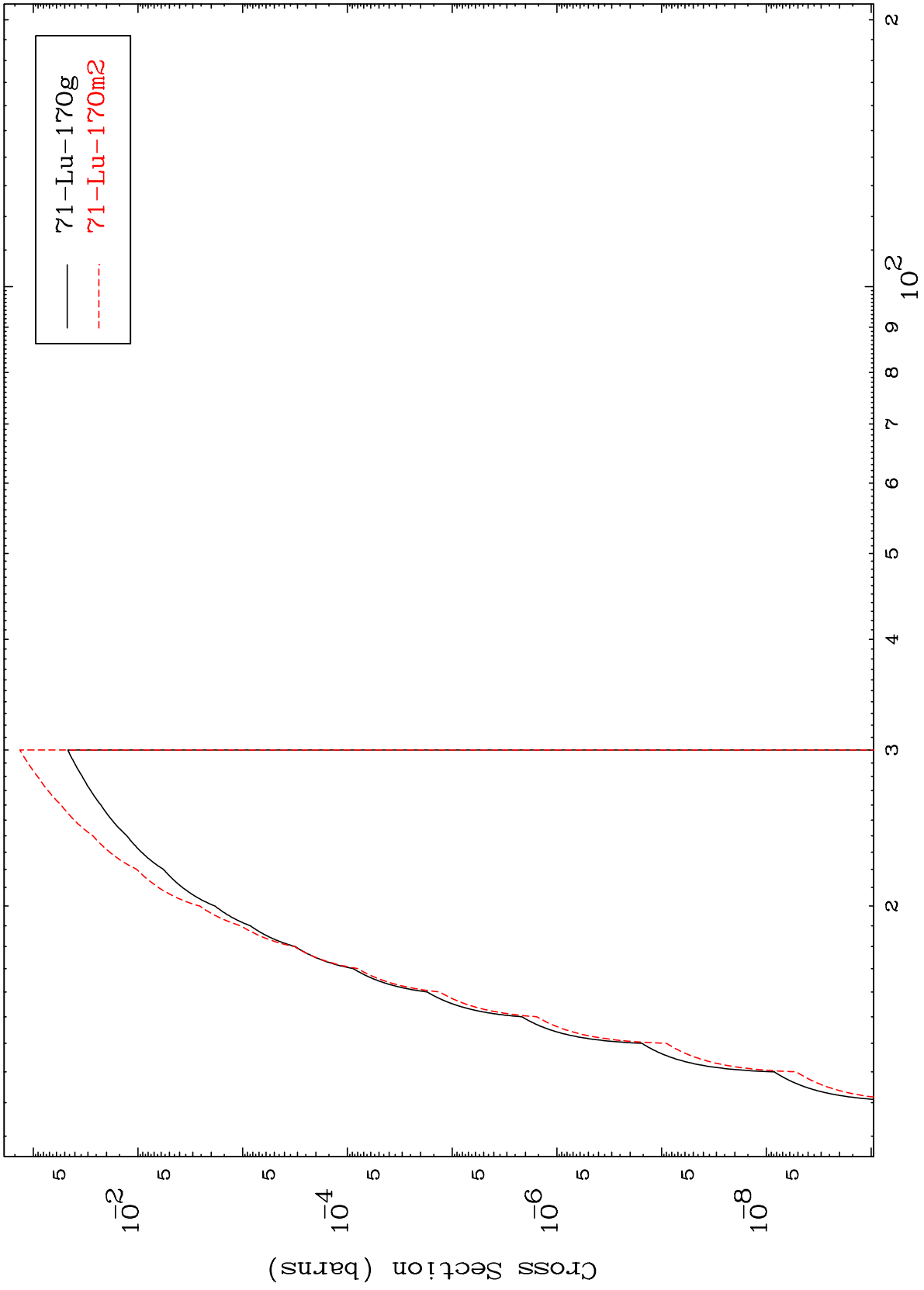
71-Lu-171

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(d,2n) p

<sup>71</sup>Lu-171

Radionuclide Production Cross Section



18

Incident Energy (MeV)

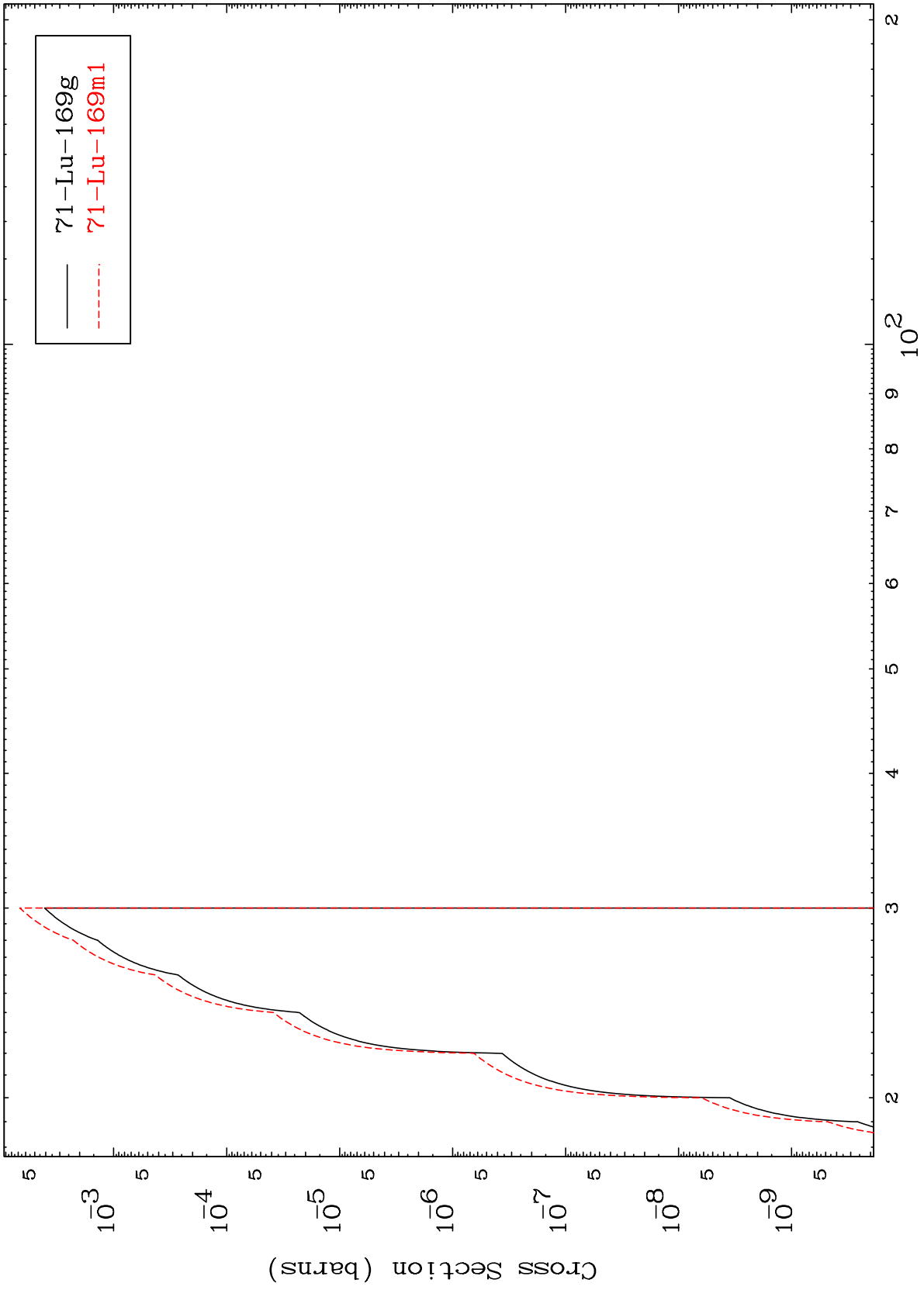
<sup>71</sup>Lu-171

MAT 7114

(d,3n) p

<sup>71</sup>Lu-171

Radionuclide Production Cross Section



19

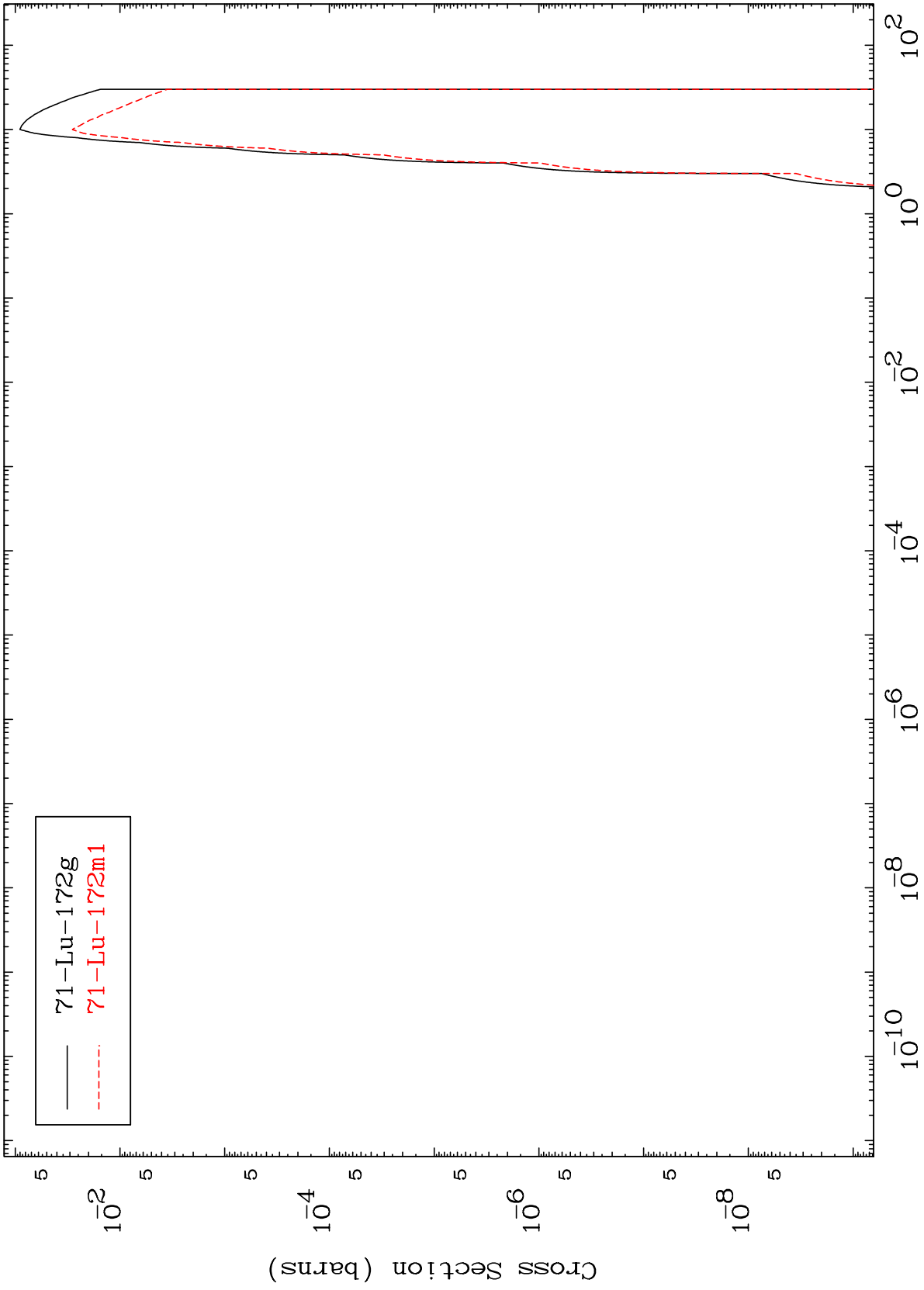
Incident Energy (MeV)

<sup>71</sup>Lu-171

MAT 7114

(d,p)  
Radionuclide Production Cross Section

<sup>71</sup>Lu-171



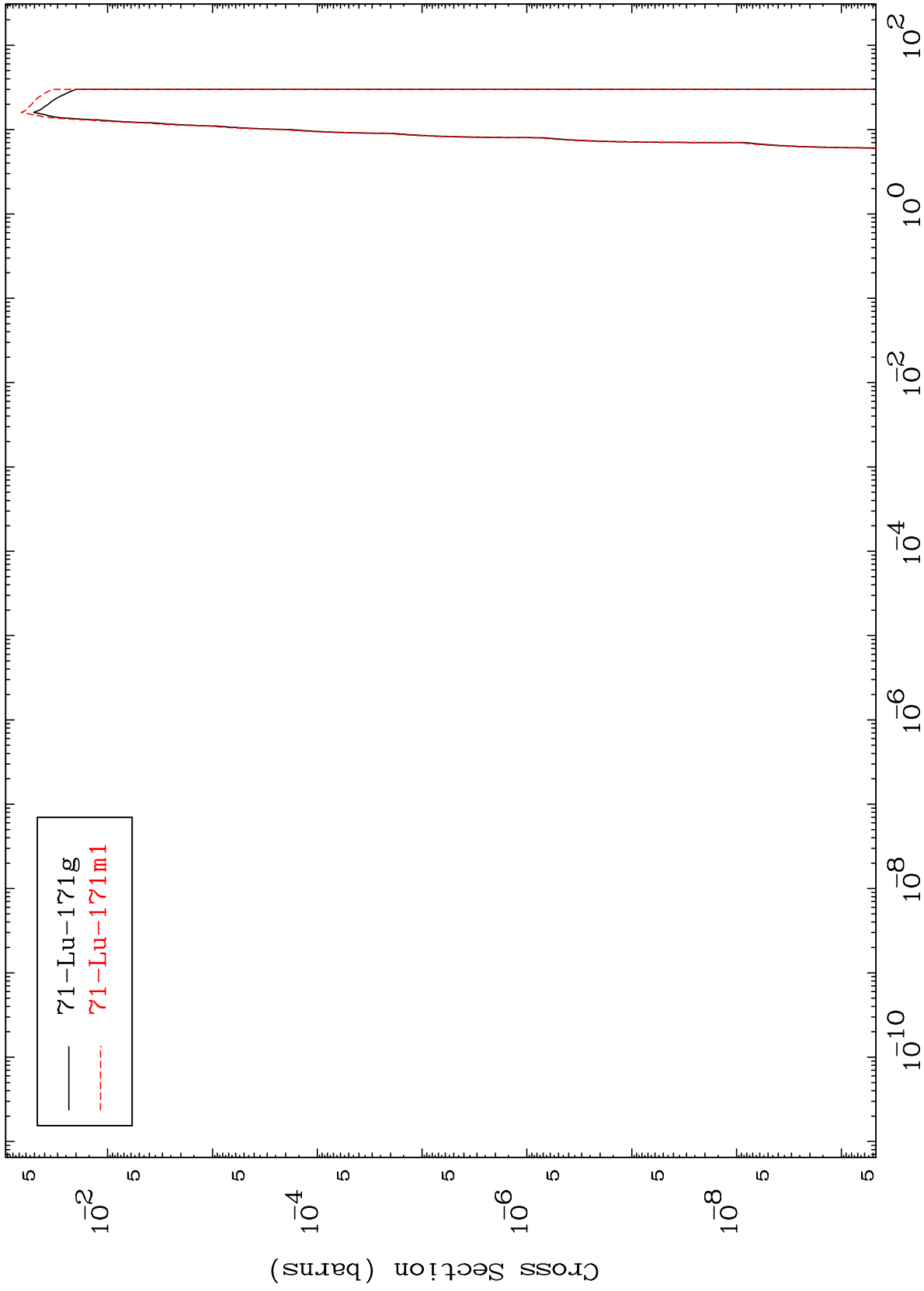
<sup>71</sup>Lu-171

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(d,d)

<sup>71</sup>Lu-171

Radionuclide Production Cross Section



21

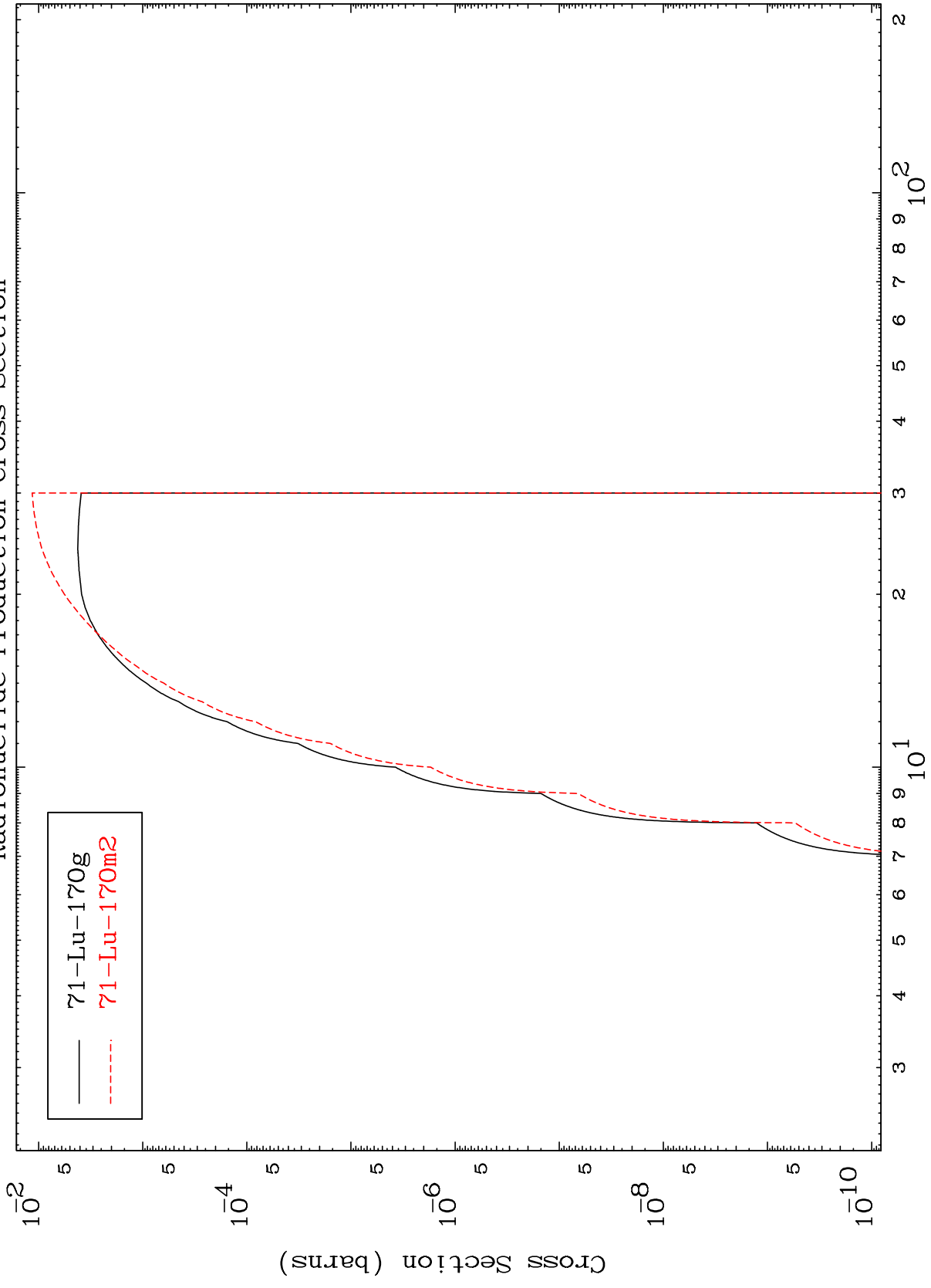
Incident Energy (MeV)

<sup>71</sup>Lu-171

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$^{71}\text{Lu-171}$

Radionuclide Production Cross Section (d,t)



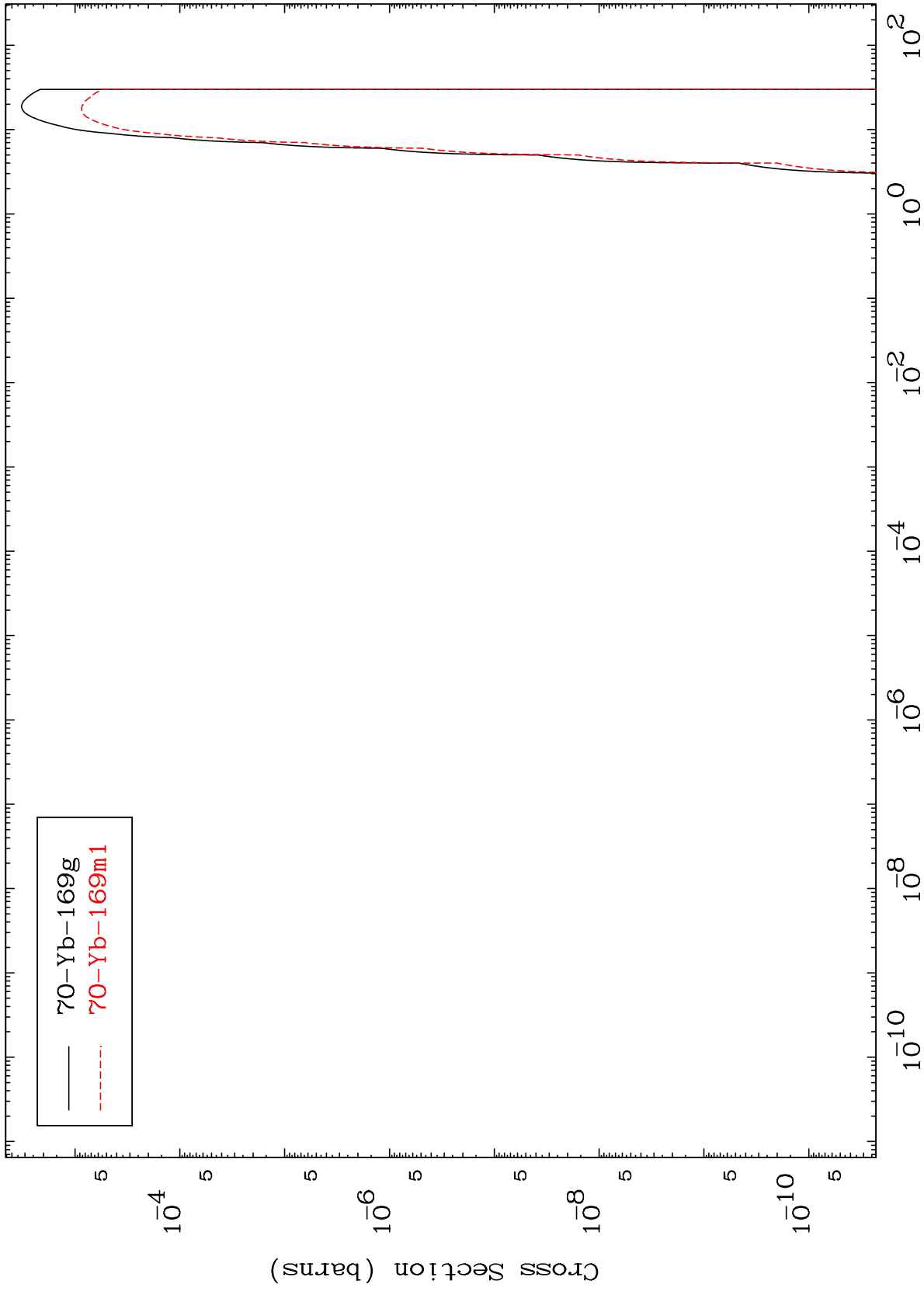
$^{71}\text{Lu-171}$

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(d,  $\alpha$ )

71-Lu-171

Radionuclide Production Cross Section

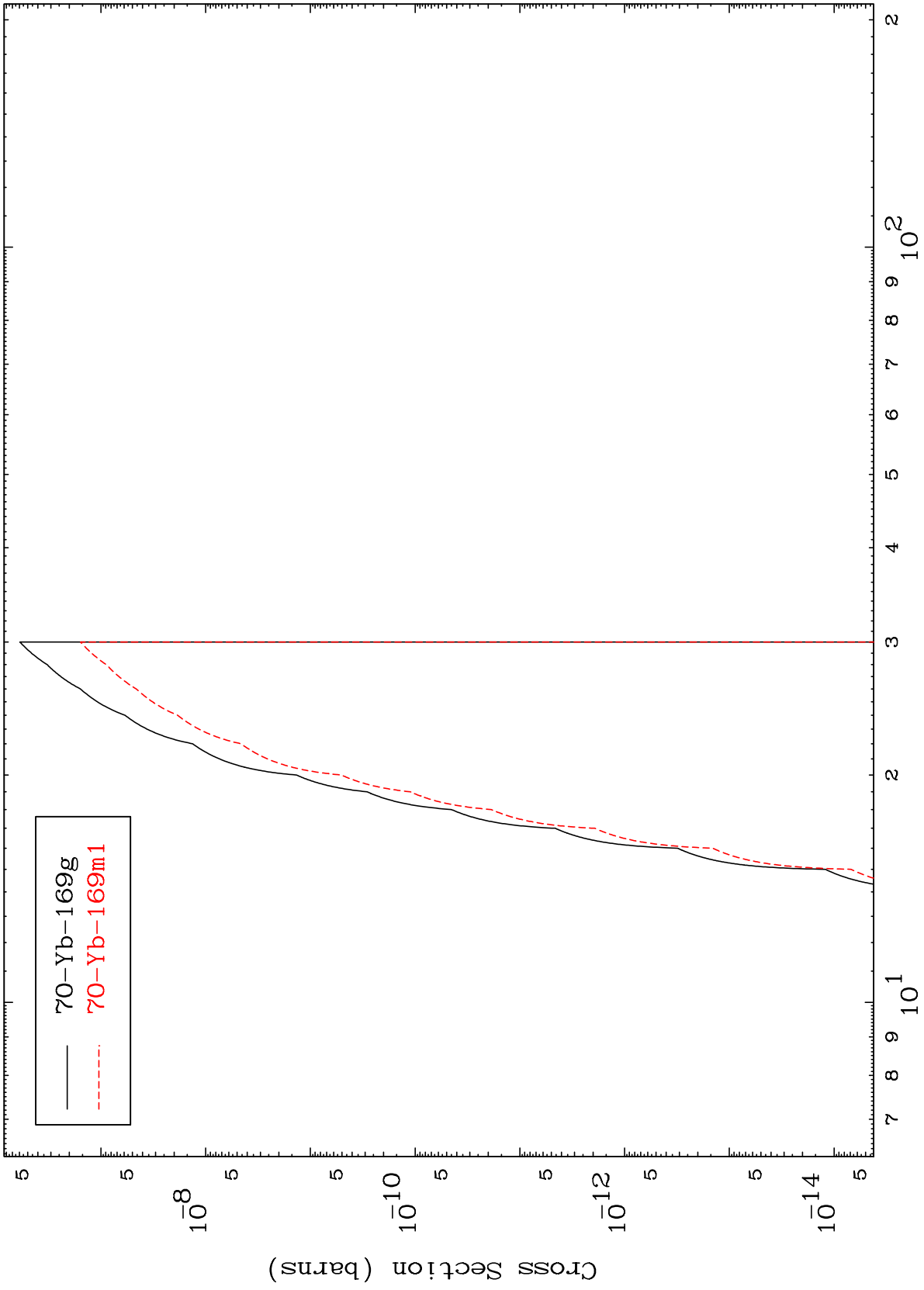


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(d,p) t

71-Lu-171

Radionuclide Production Cross Section



24

Incident Energy (MeV)

71-Lu-171