

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

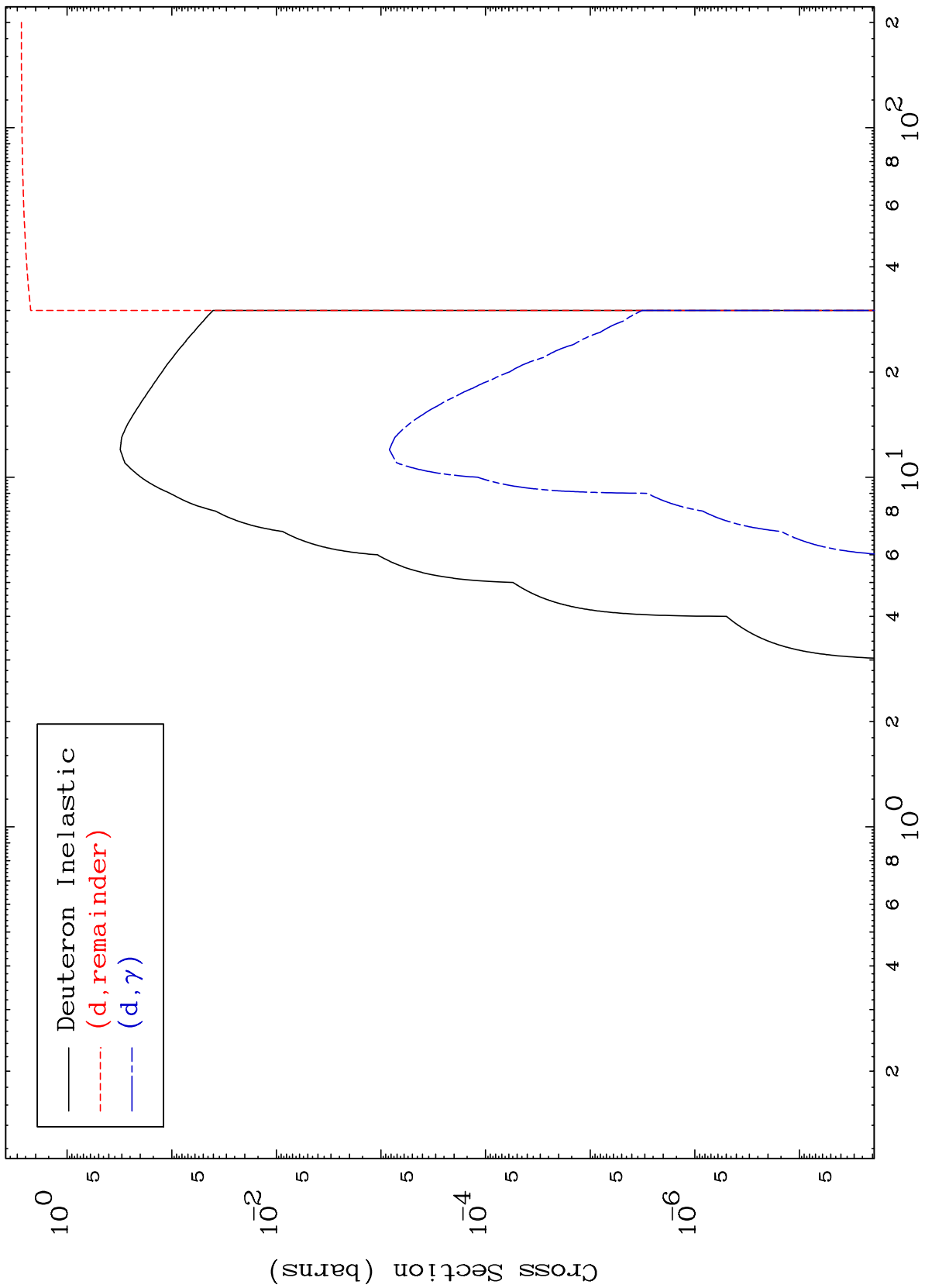
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Web:redcullen1.net/HOMEPAGE.NEW

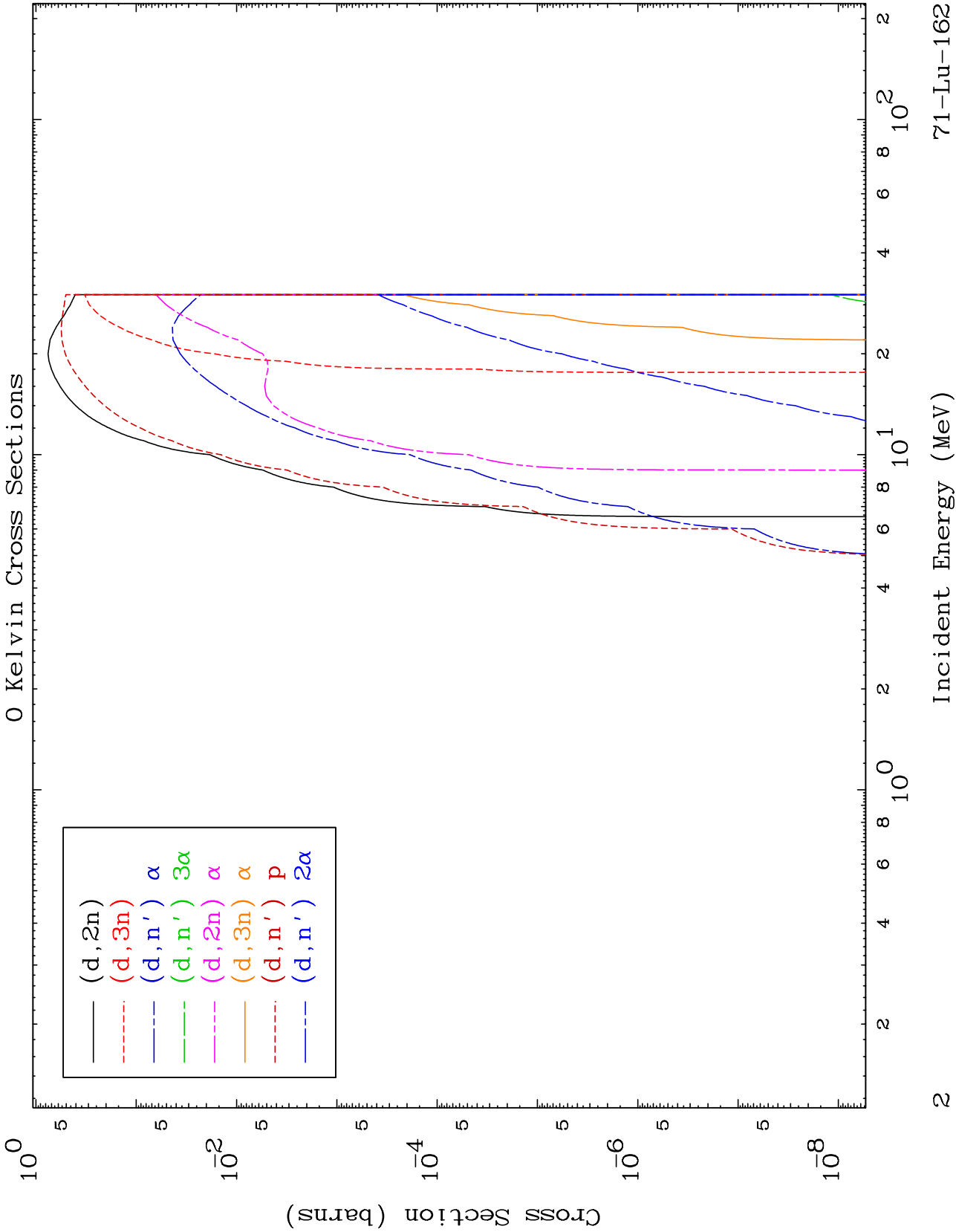
Press Mouse Button to Start

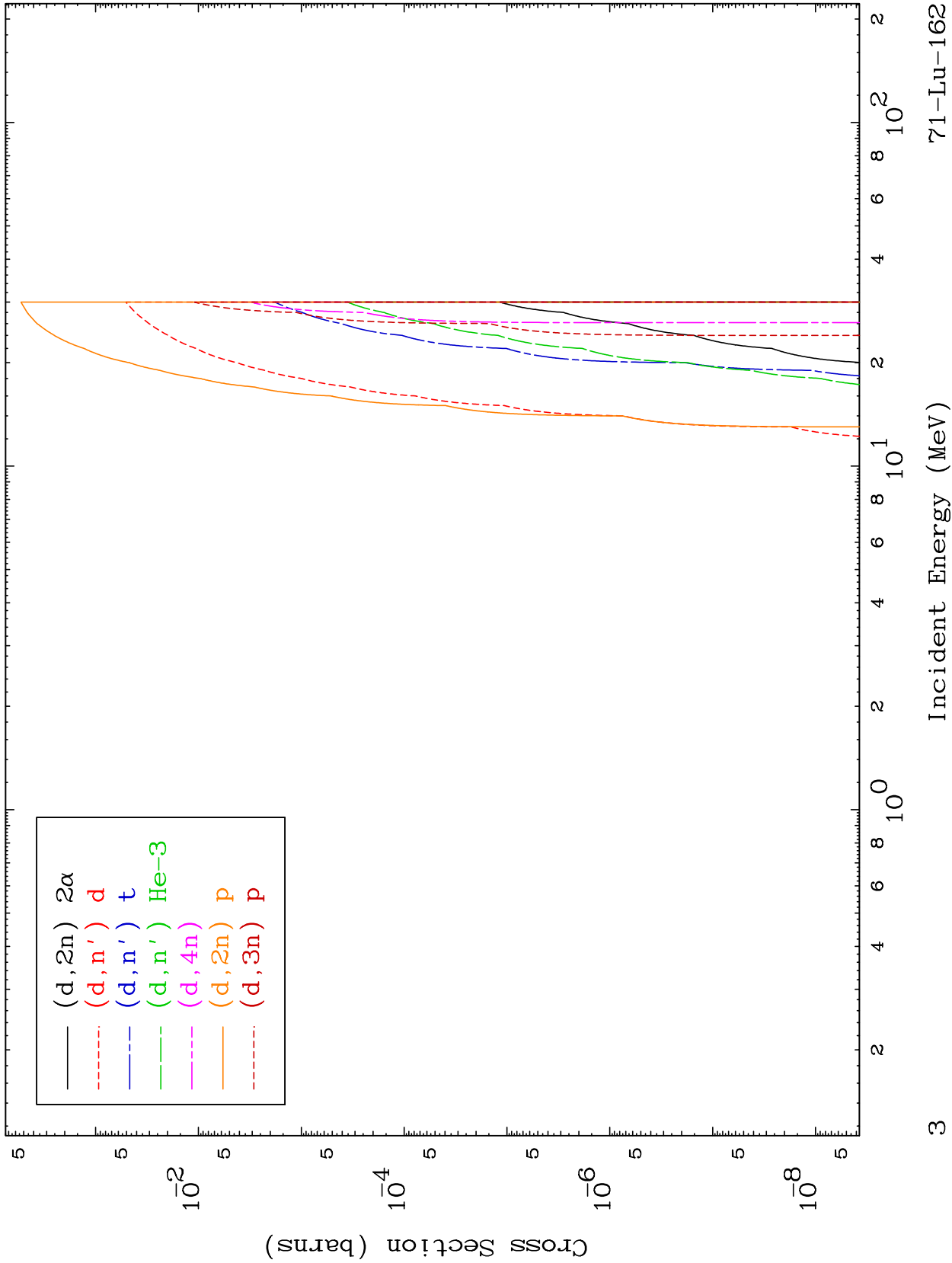


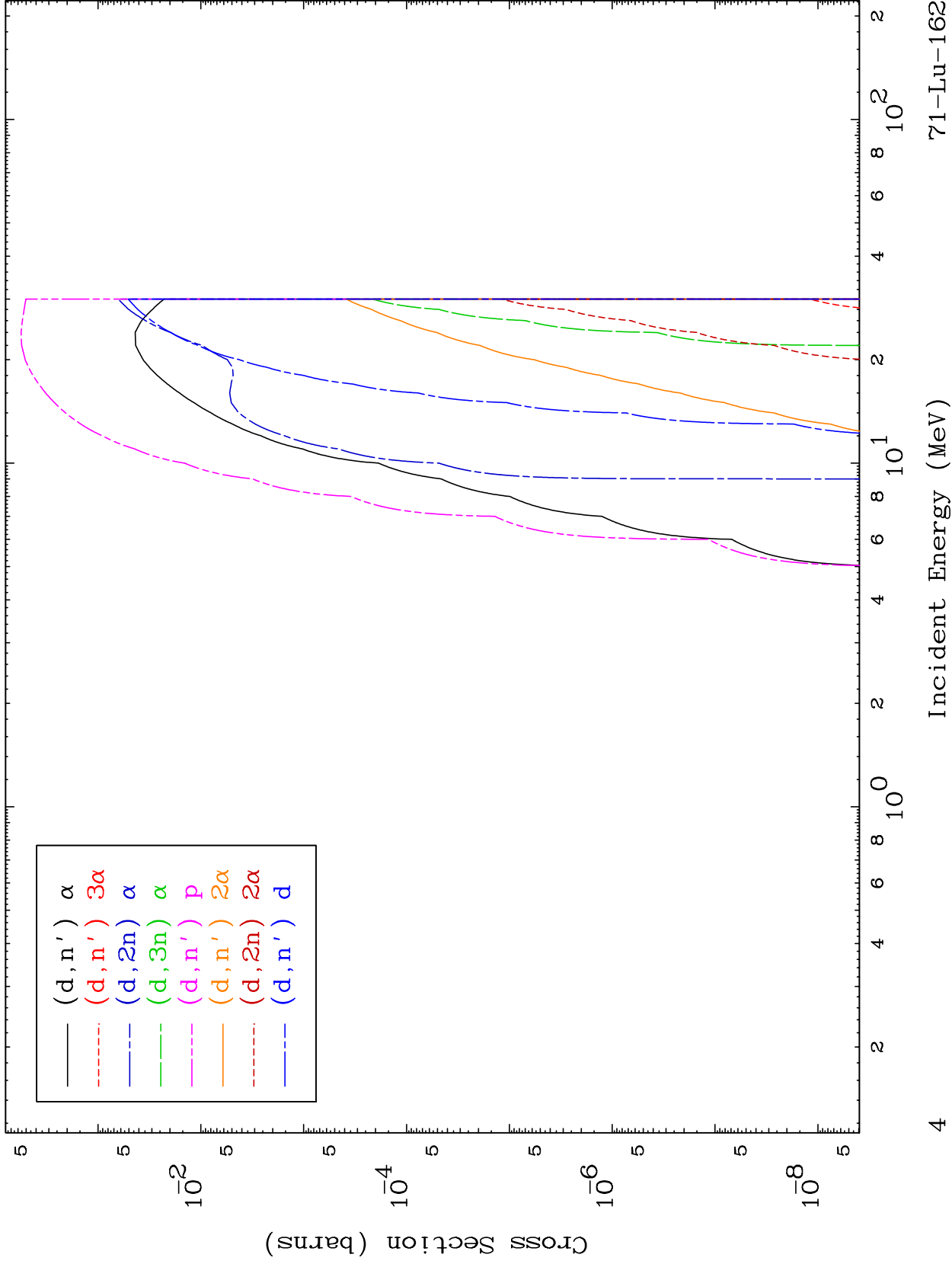
MAT 7087

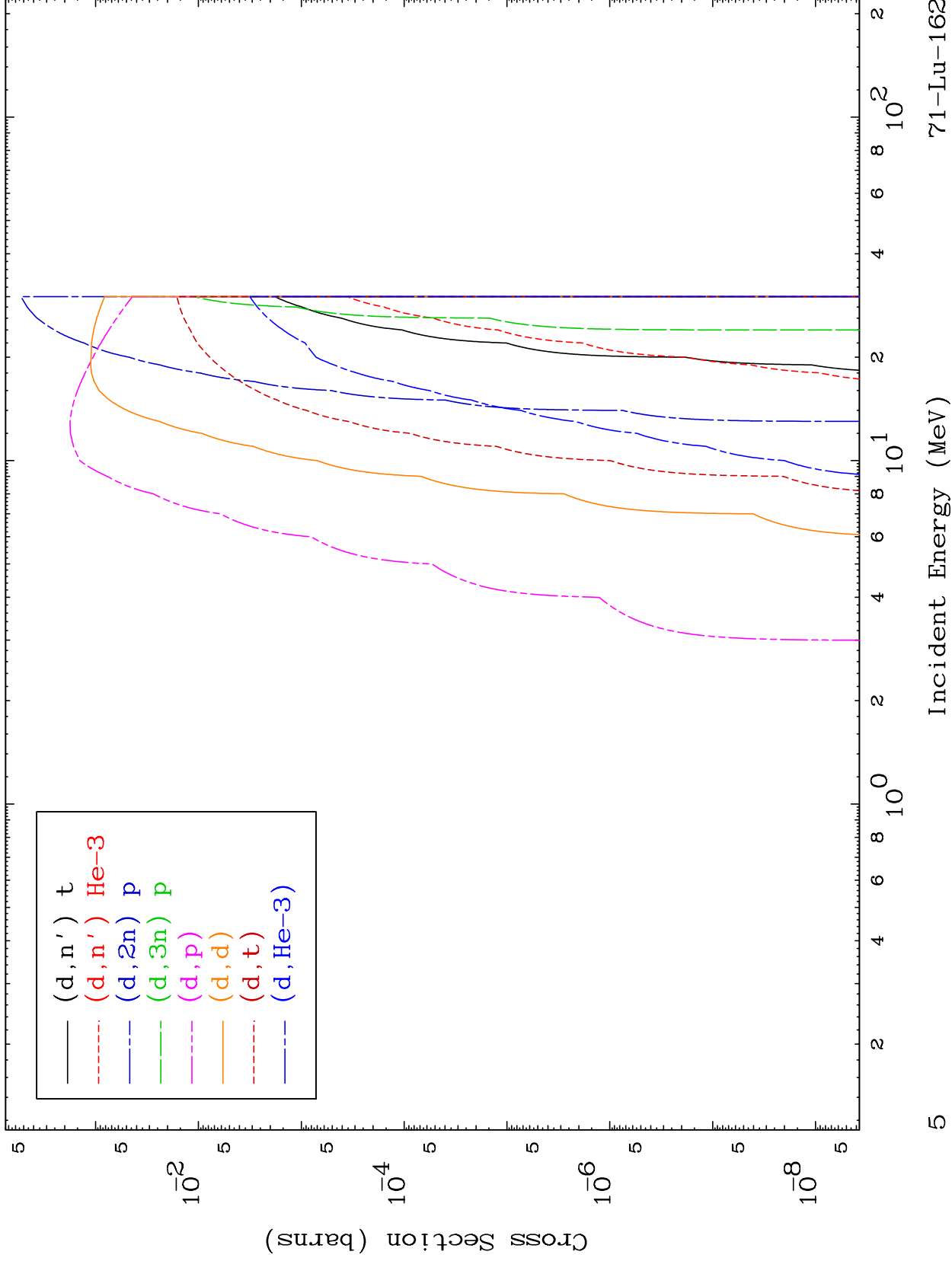
Deuteron Neutron Production
0 Kelvin Cross Sections

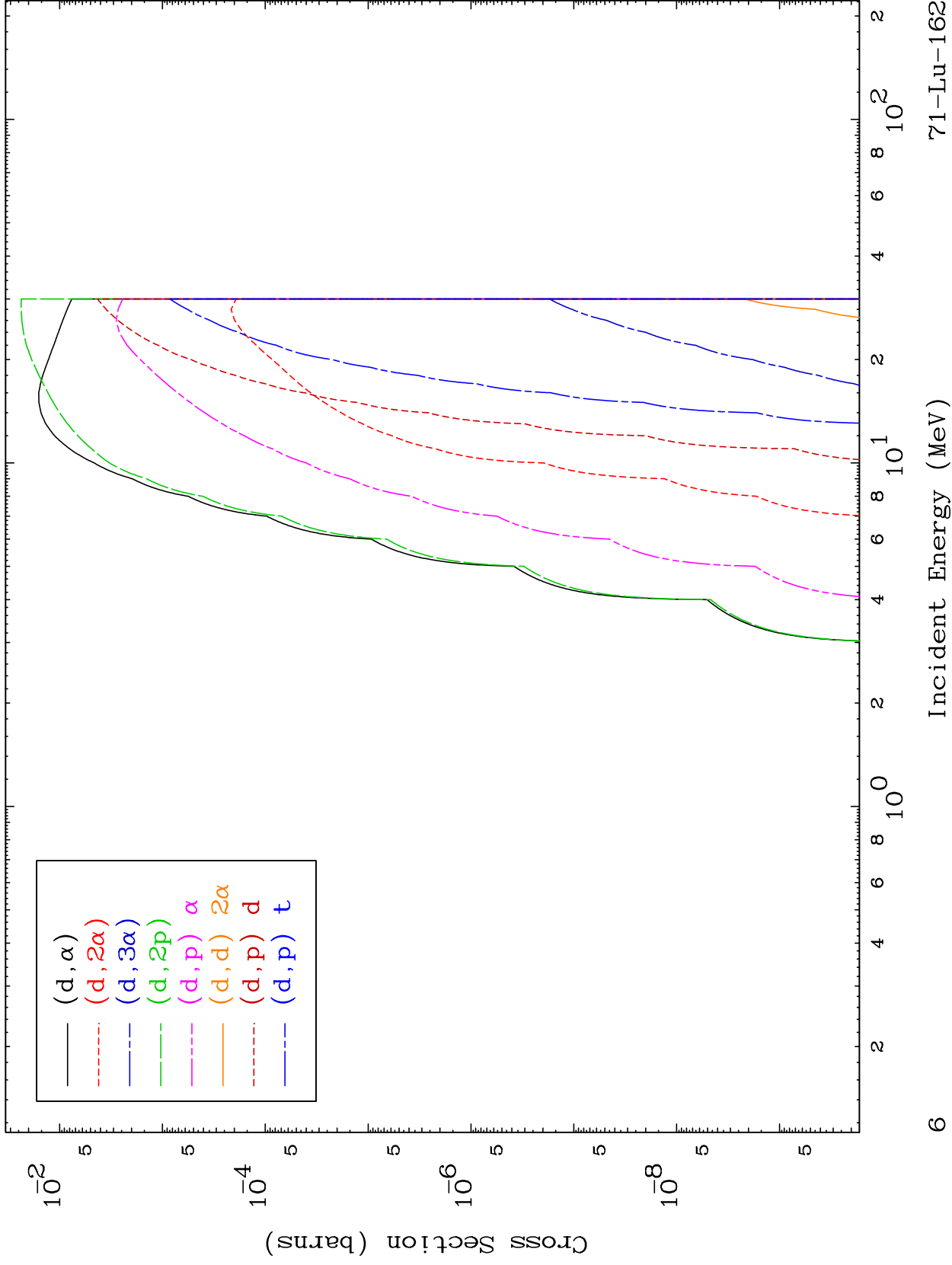
⁷¹Lu-162









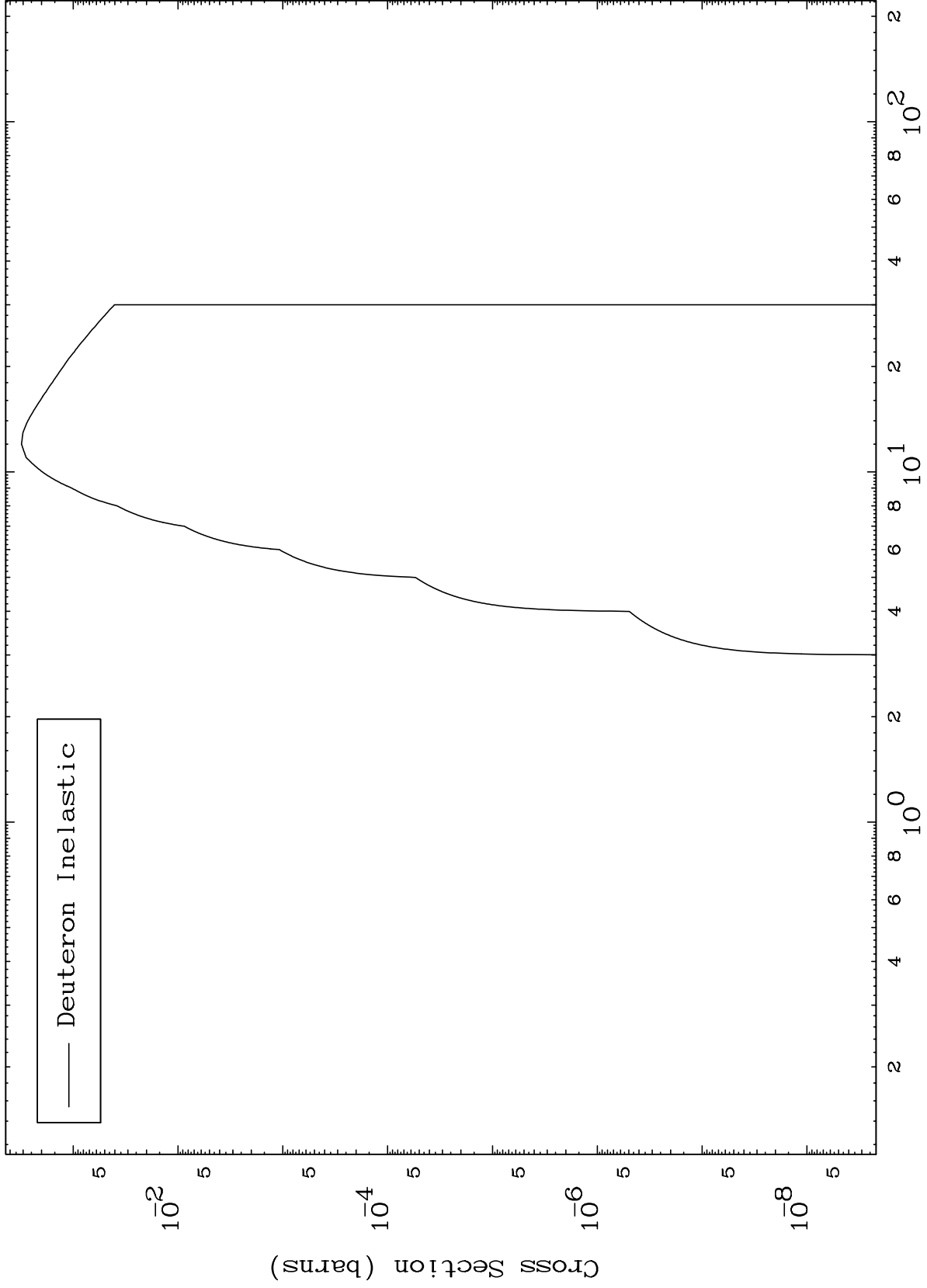


MAT 7087

(d, n') Level

71-Lu-162

0 Kelvin Cross Sections

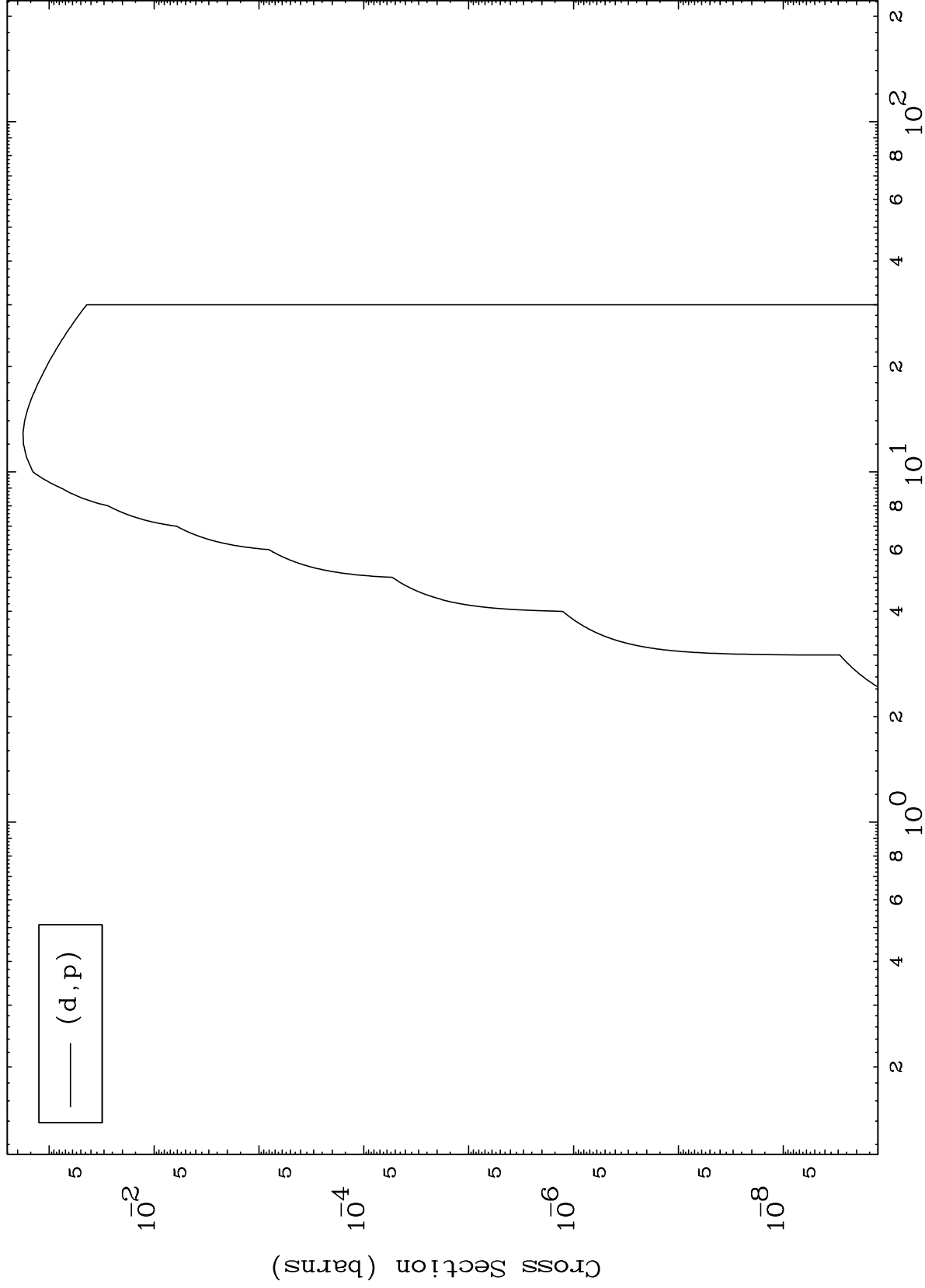


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(d,p) Levels

⁷¹Lu-162

0 Kelvin Cross Sections

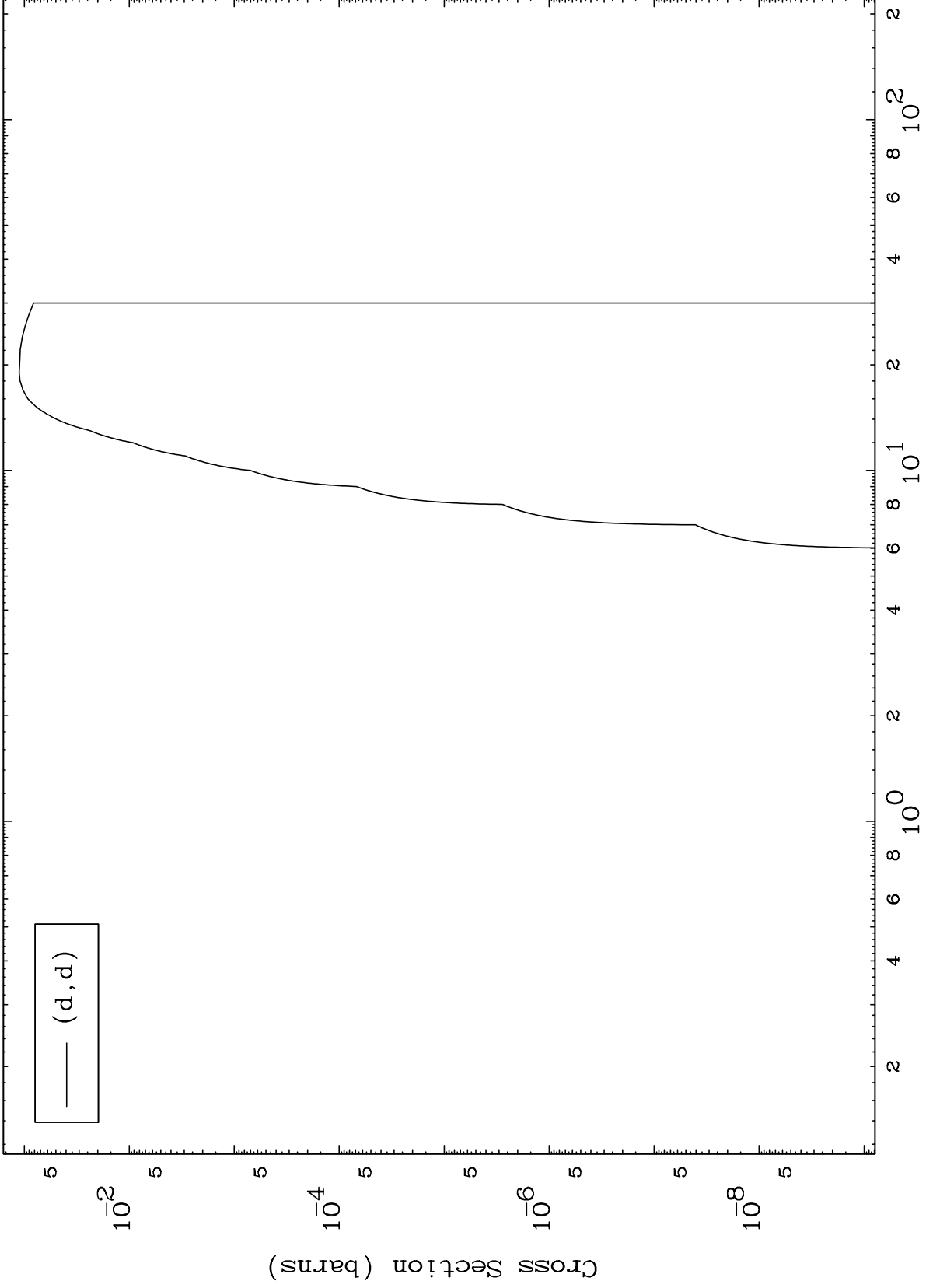


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(d,d) Levels

71-Lu-162

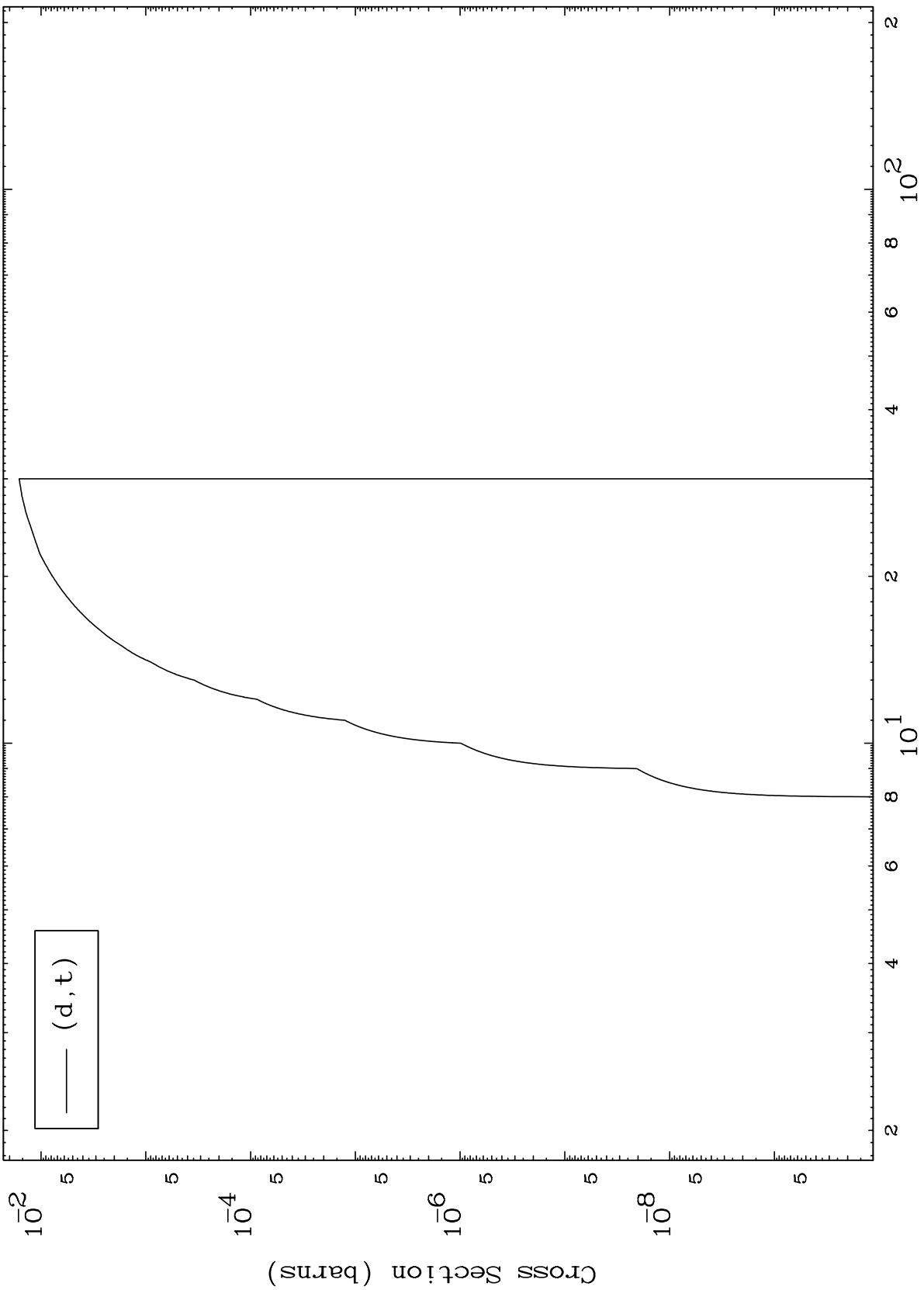
0 Kelvin Cross Sections



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(d,t) Levels
0 Kelvin Cross Sections

71-Lu-162



10

Incident Energy (MeV)

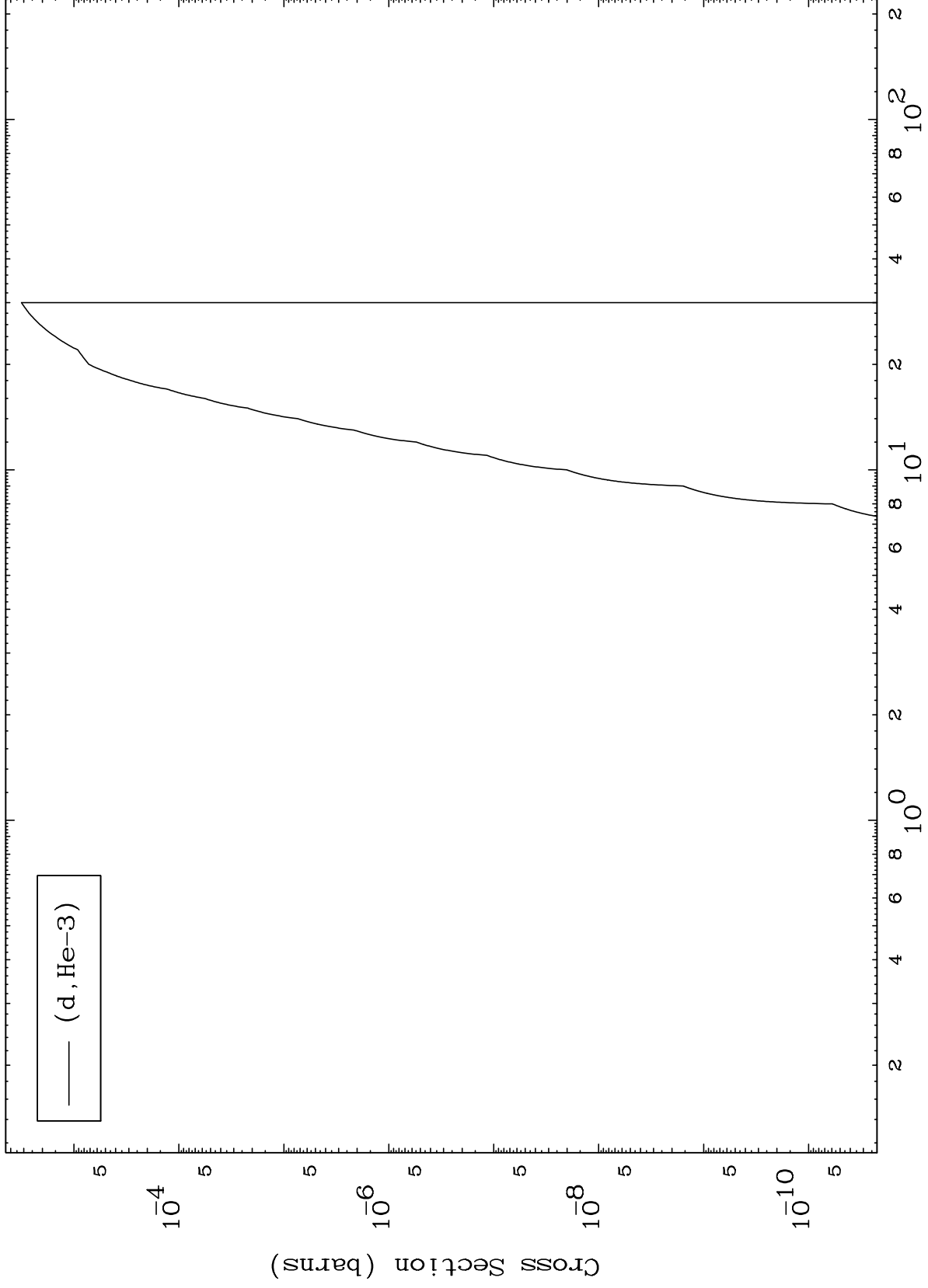
71-Lu-162

MAT 7087

(d,He3) Levels

71-Lu-162

0 Kelvin Cross Sections

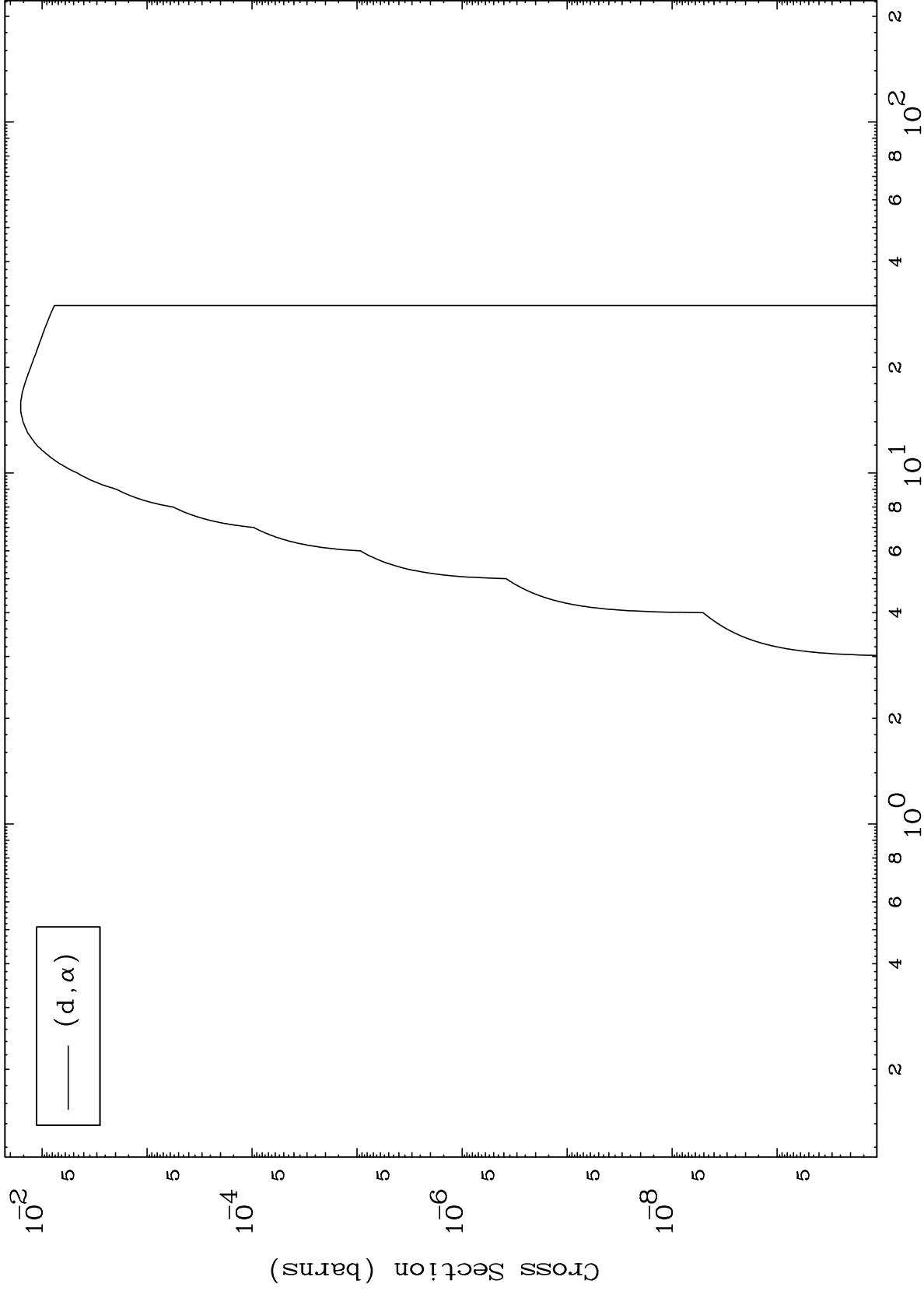


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(d, α) Levels

71-Lu-162

0 Kelvin Cross Sections



12

Incident Energy (MeV)

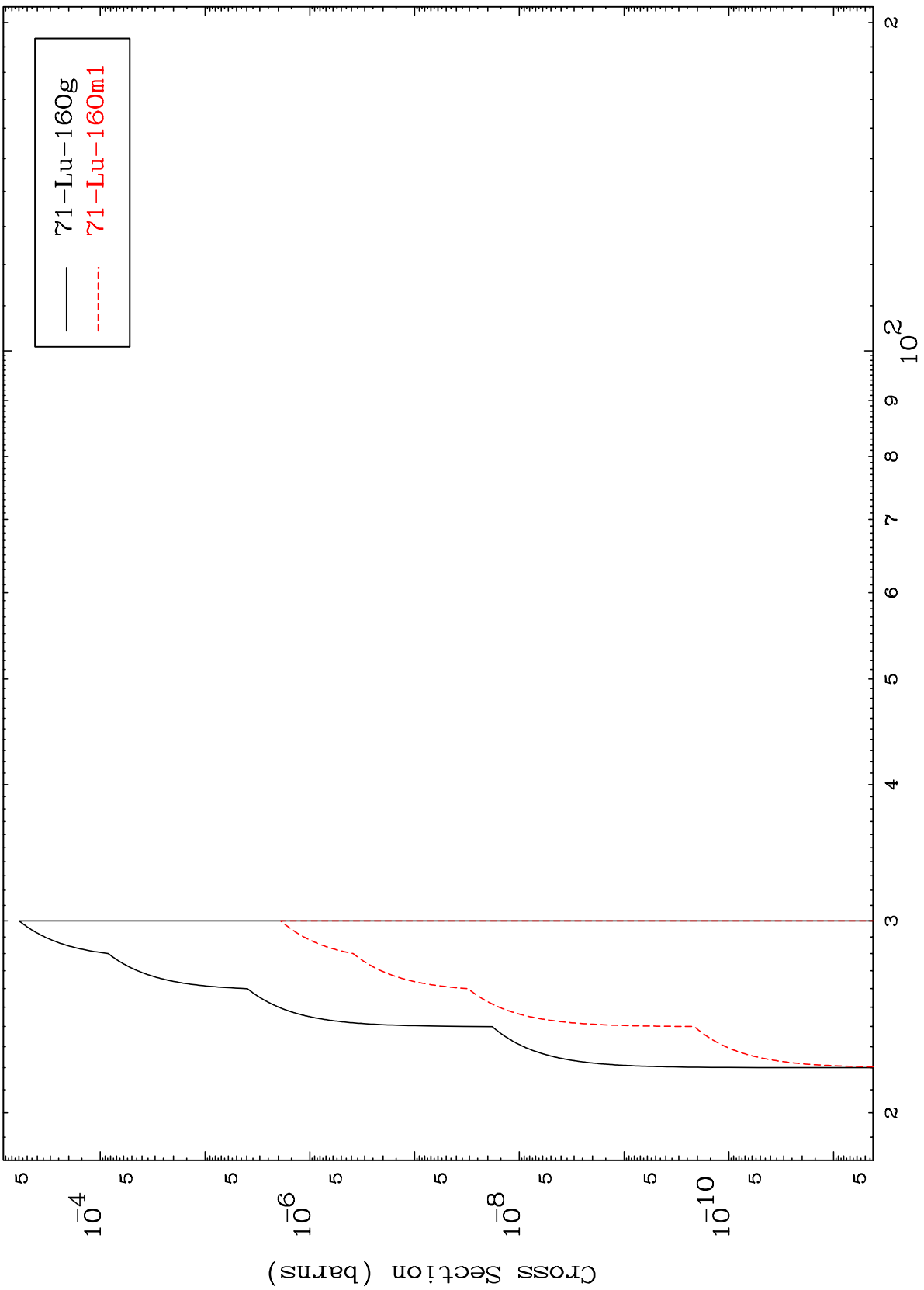
71-Lu-162

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(d,2n) d

71-Lu-162

Radionuclide Production Cross Section



13

Incident Energy (MeV)

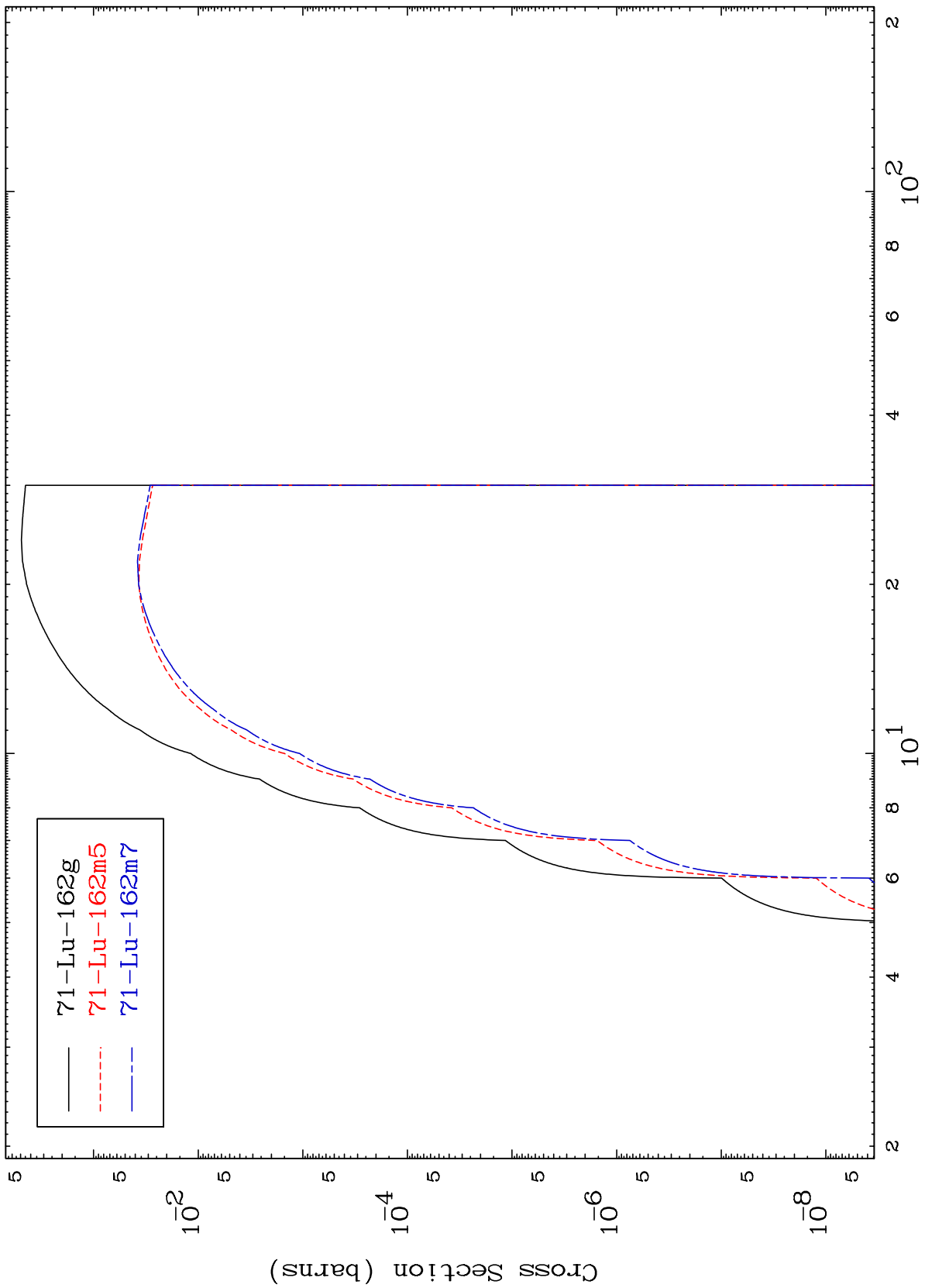
71-Lu-162

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(d,n') p

⁷¹Lu-162

Radionuclide Production Cross Section



14

Incident Energy (MeV)

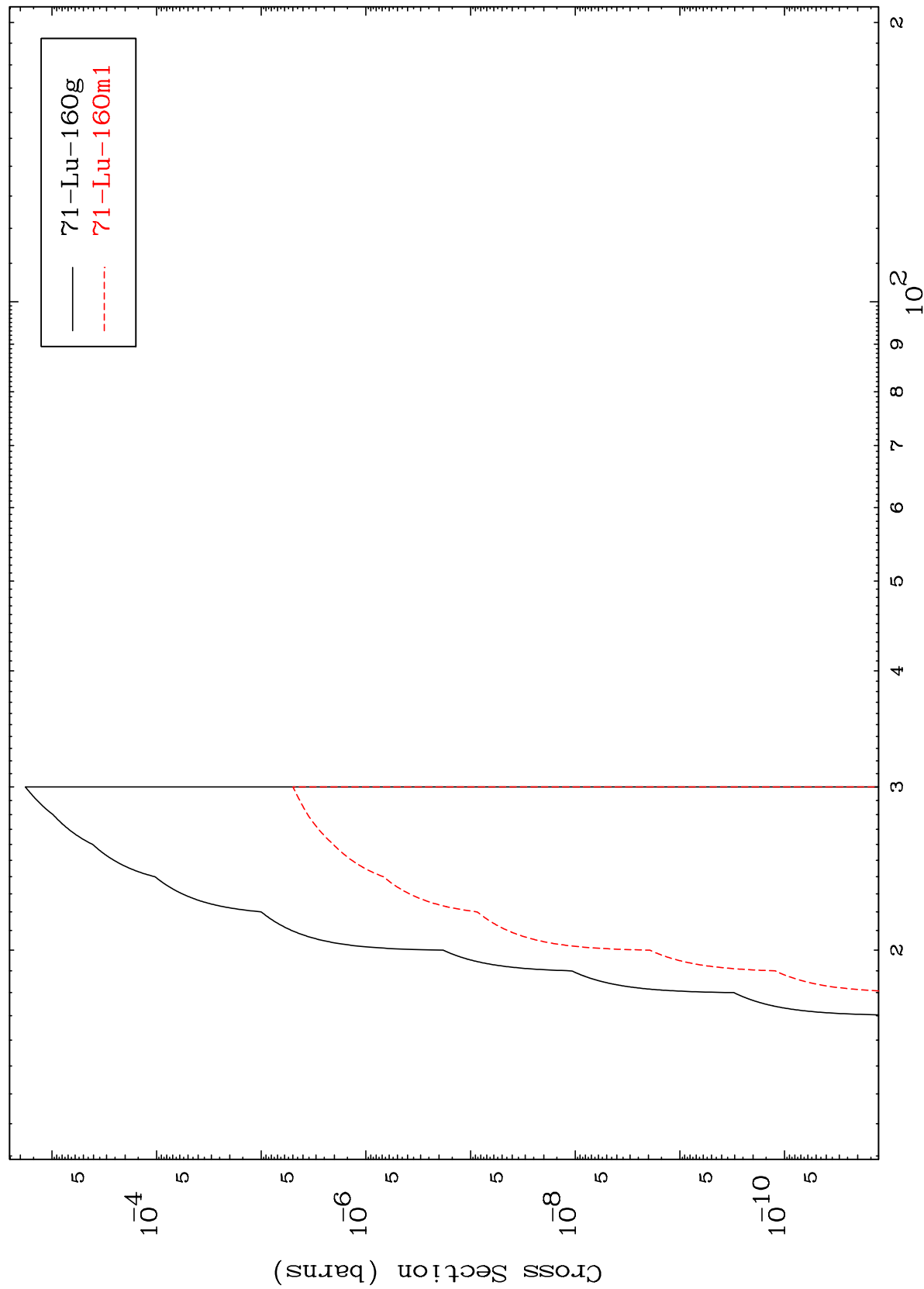
⁷¹Lu-162

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(d,n') t

⁷¹Lu-162

Radionuclide Production Cross Section



— ⁷¹Lu-160g
- - - ⁷¹Lu-160m1

15

Incident Energy (MeV)

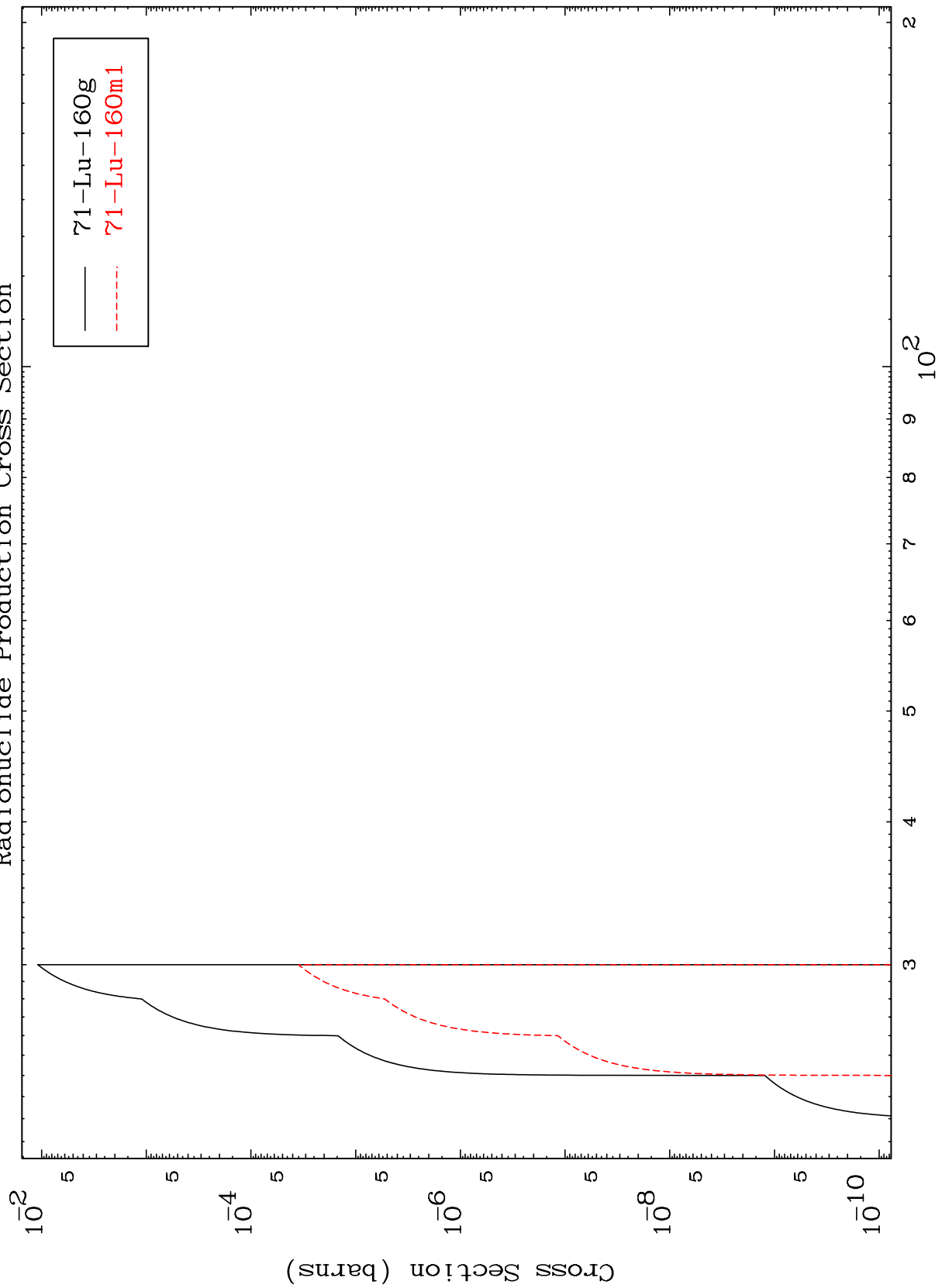
⁷¹Lu-162

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(d,3n) p

⁷¹Lu-162

Radionuclide Production Cross Section



16

Incident Energy (MeV)

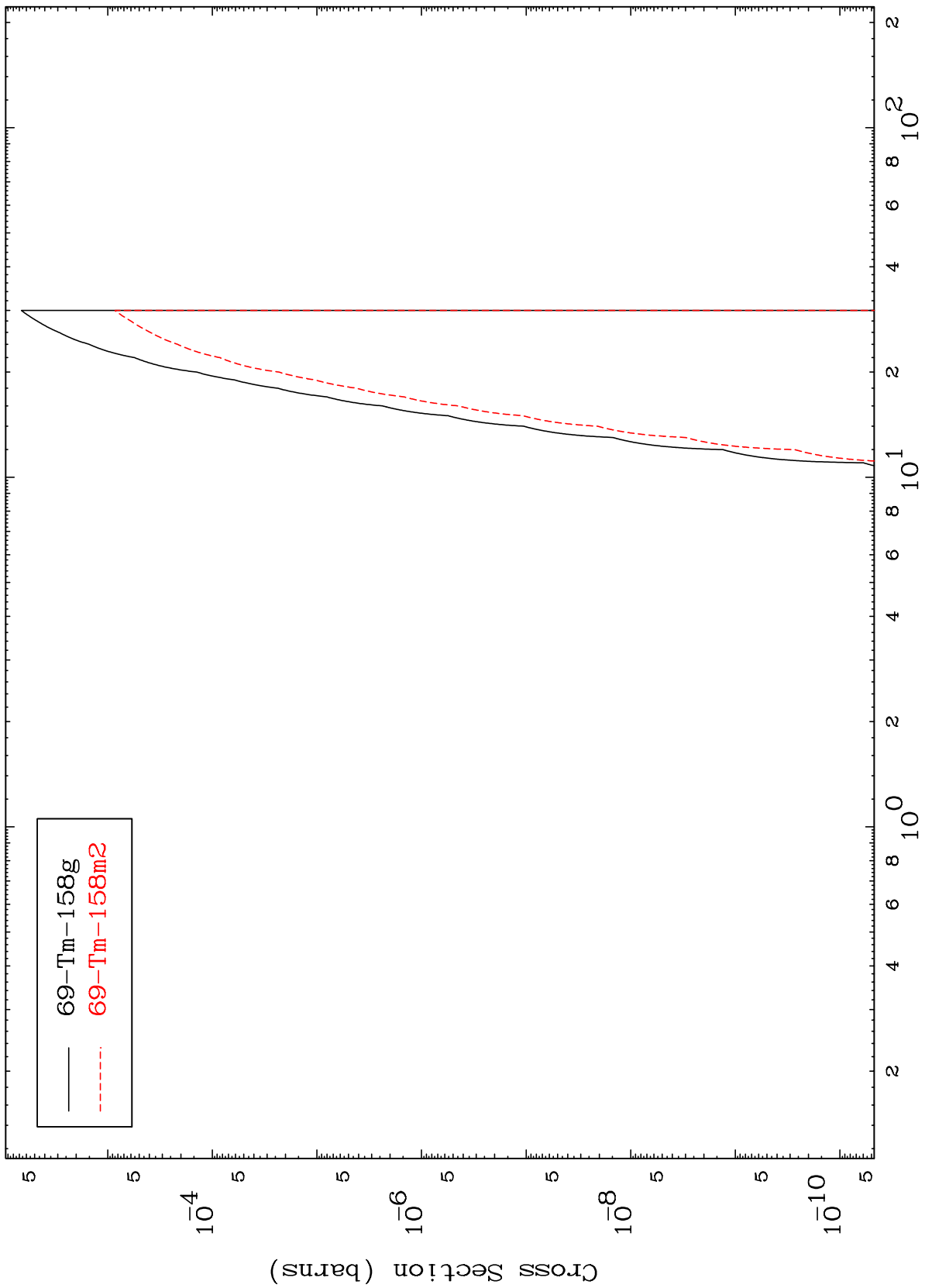
⁷¹Lu-162

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(d,n') p α

71-Lu-162

Radionuclide Production Cross Section



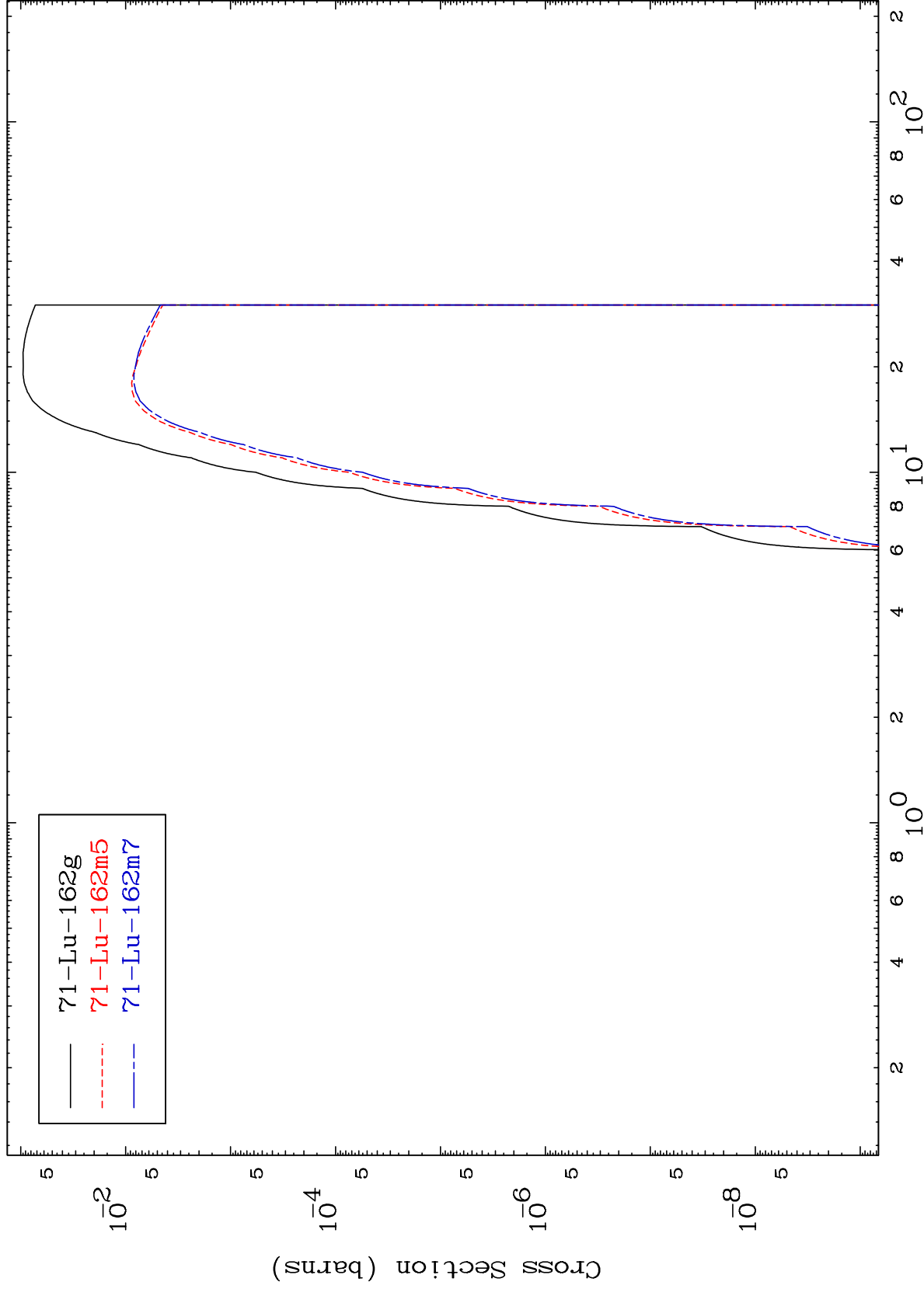
69-Tm-158g
69-Tm-158m²

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(d,d)

⁷¹Lu-162

Radionuclide Production Cross Section



18

Incident Energy (MeV)

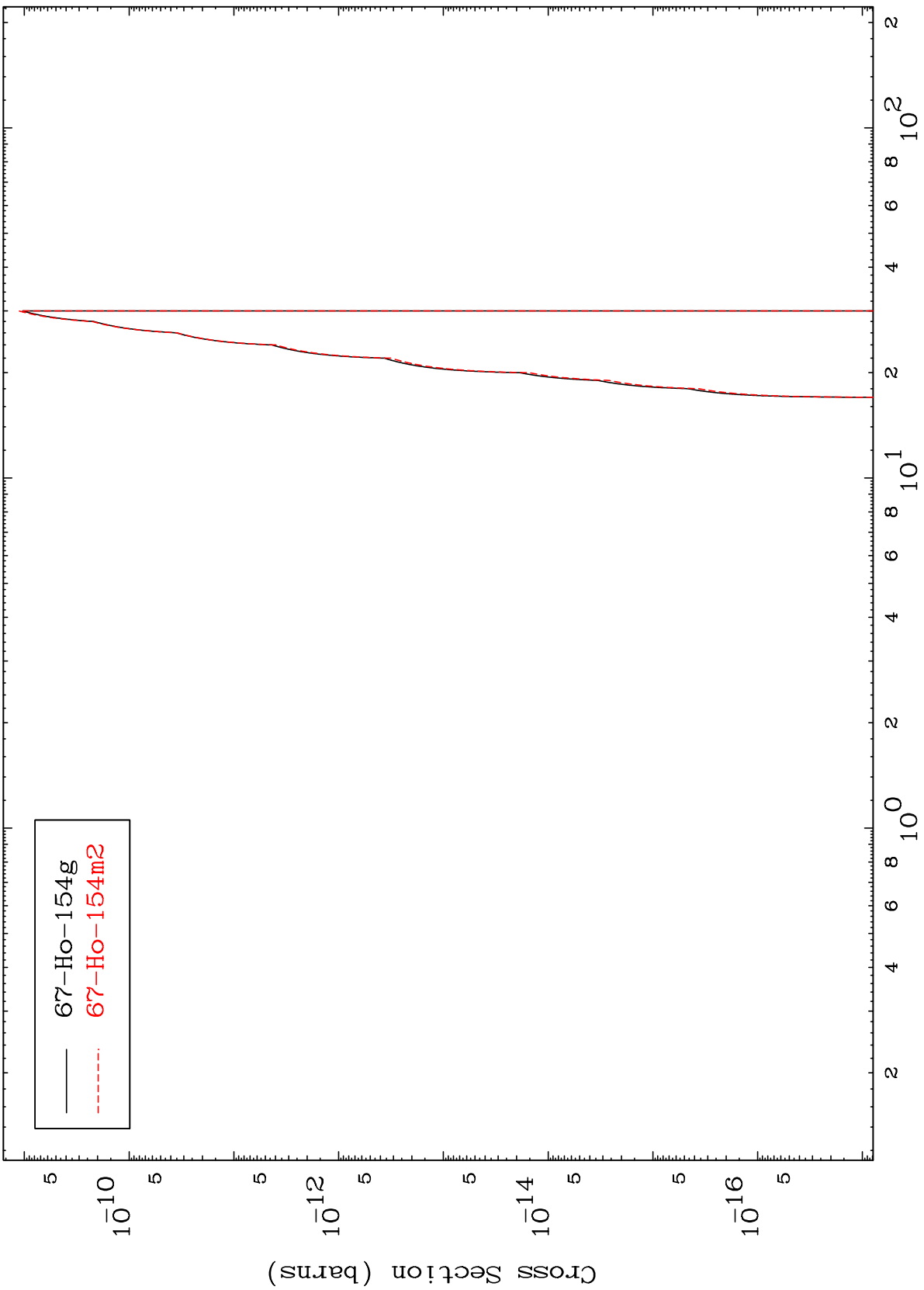
⁷¹Lu-162

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(d,d) 2α

$^{71}\text{Lu-162}$

Radionuclide Production Cross Section

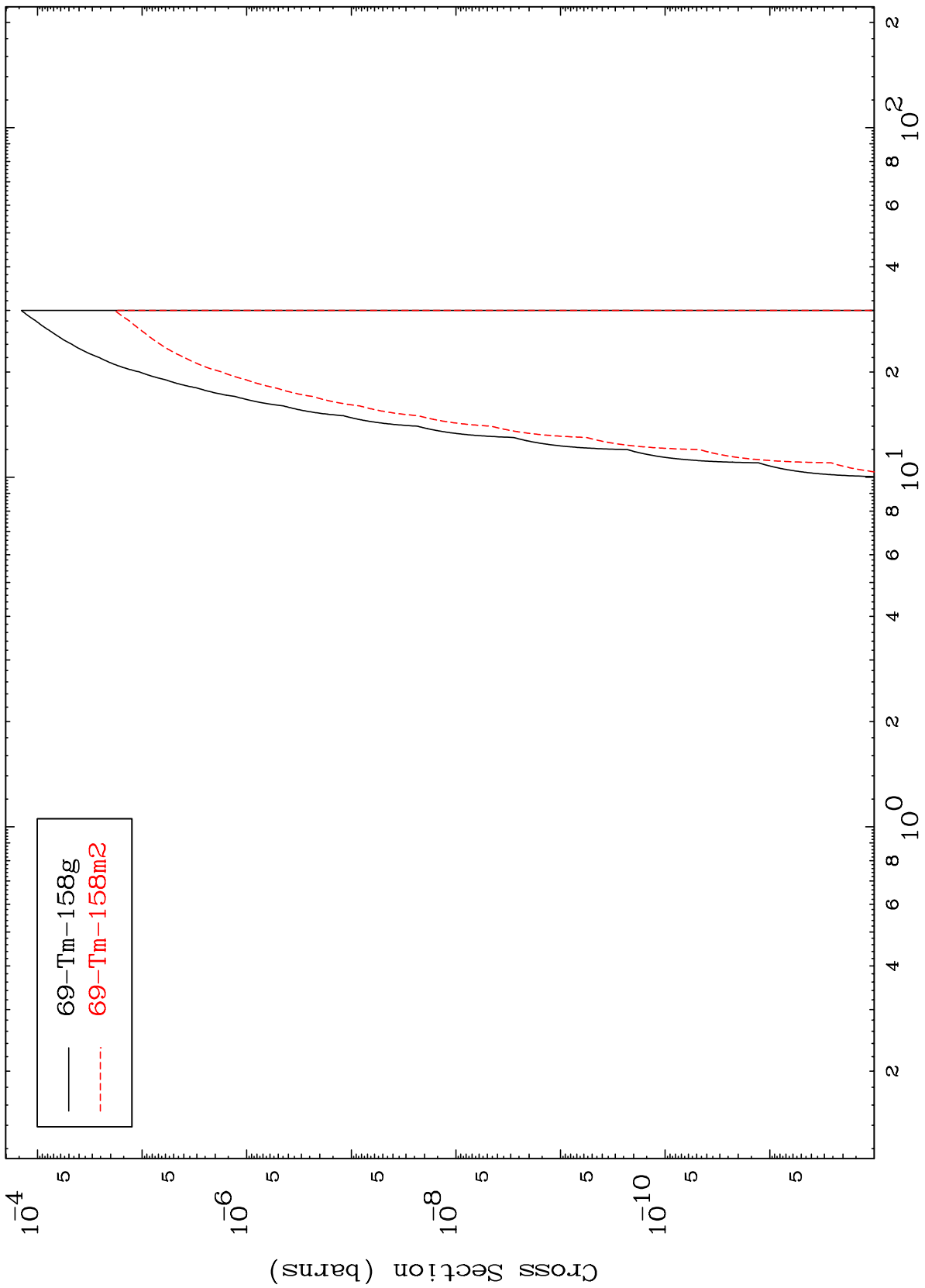


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(d,d) α

⁷¹Lu-162

Radionuclide Production Cross Section



— 69-Tm-158g
- - - 69-Tm-158m2