

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

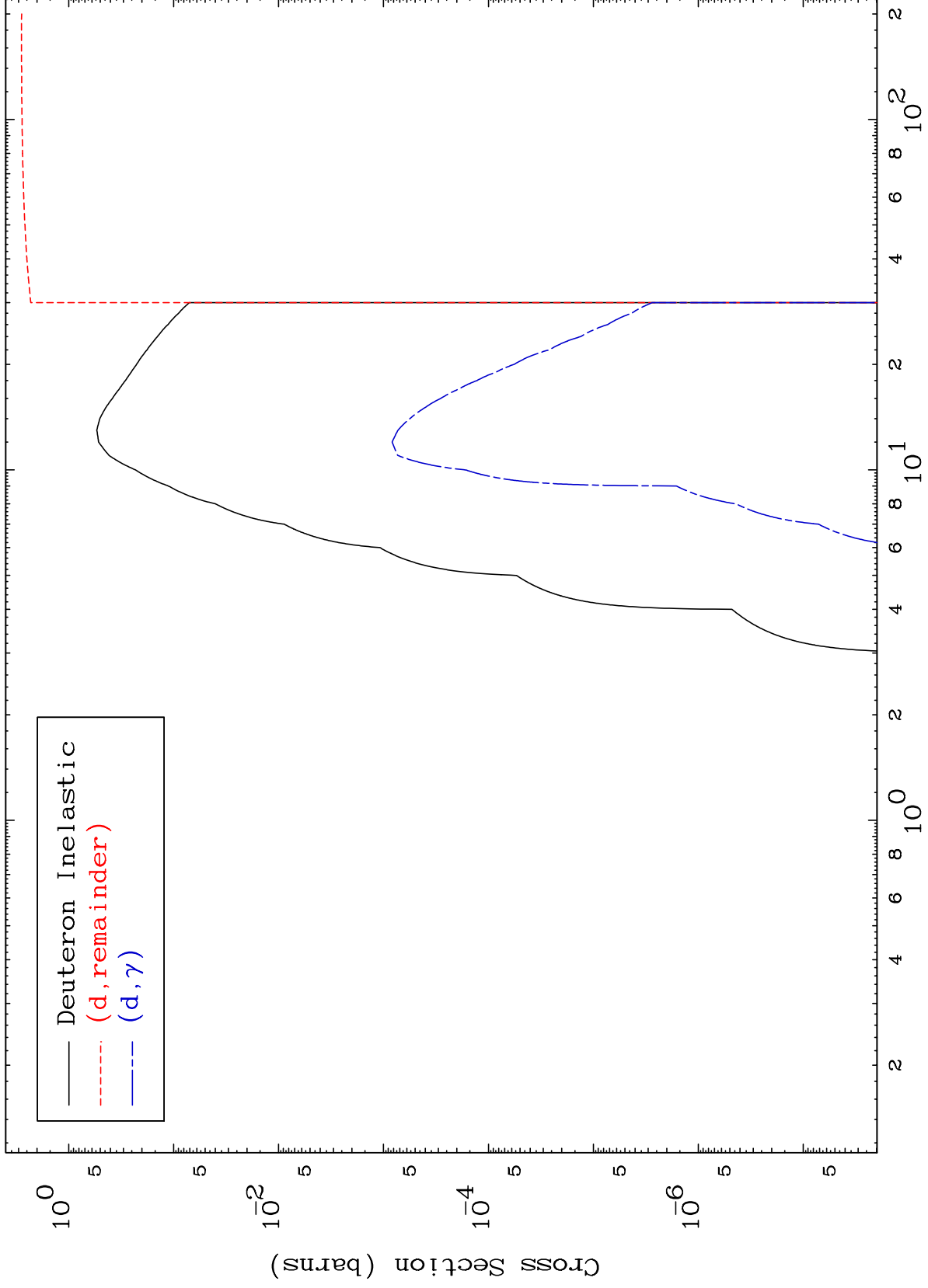
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Press Mouse Button to Start

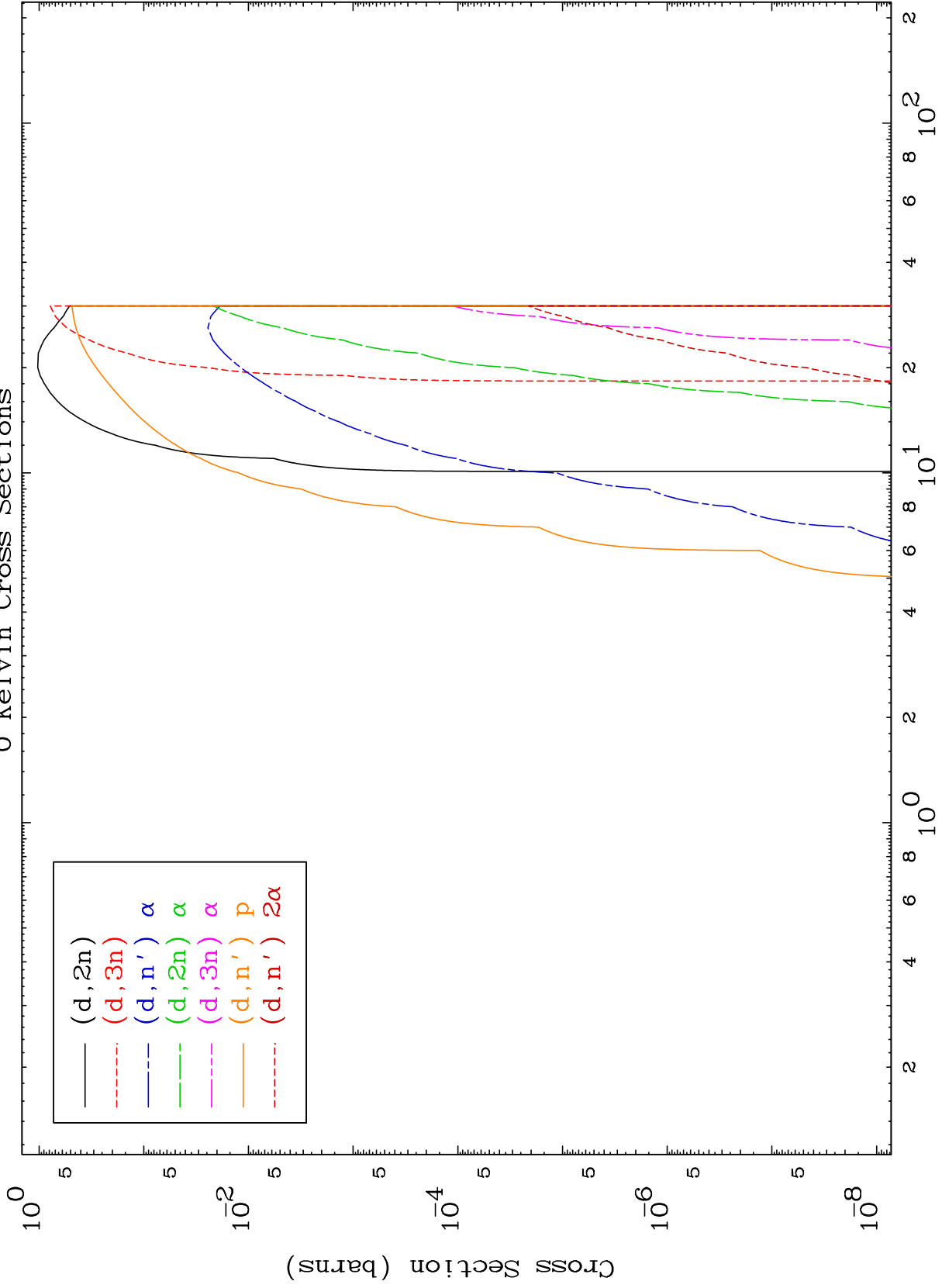


— Deuteron Inelastic
- - - (d, remainder)
- - - (d, γ)

MAT 7207

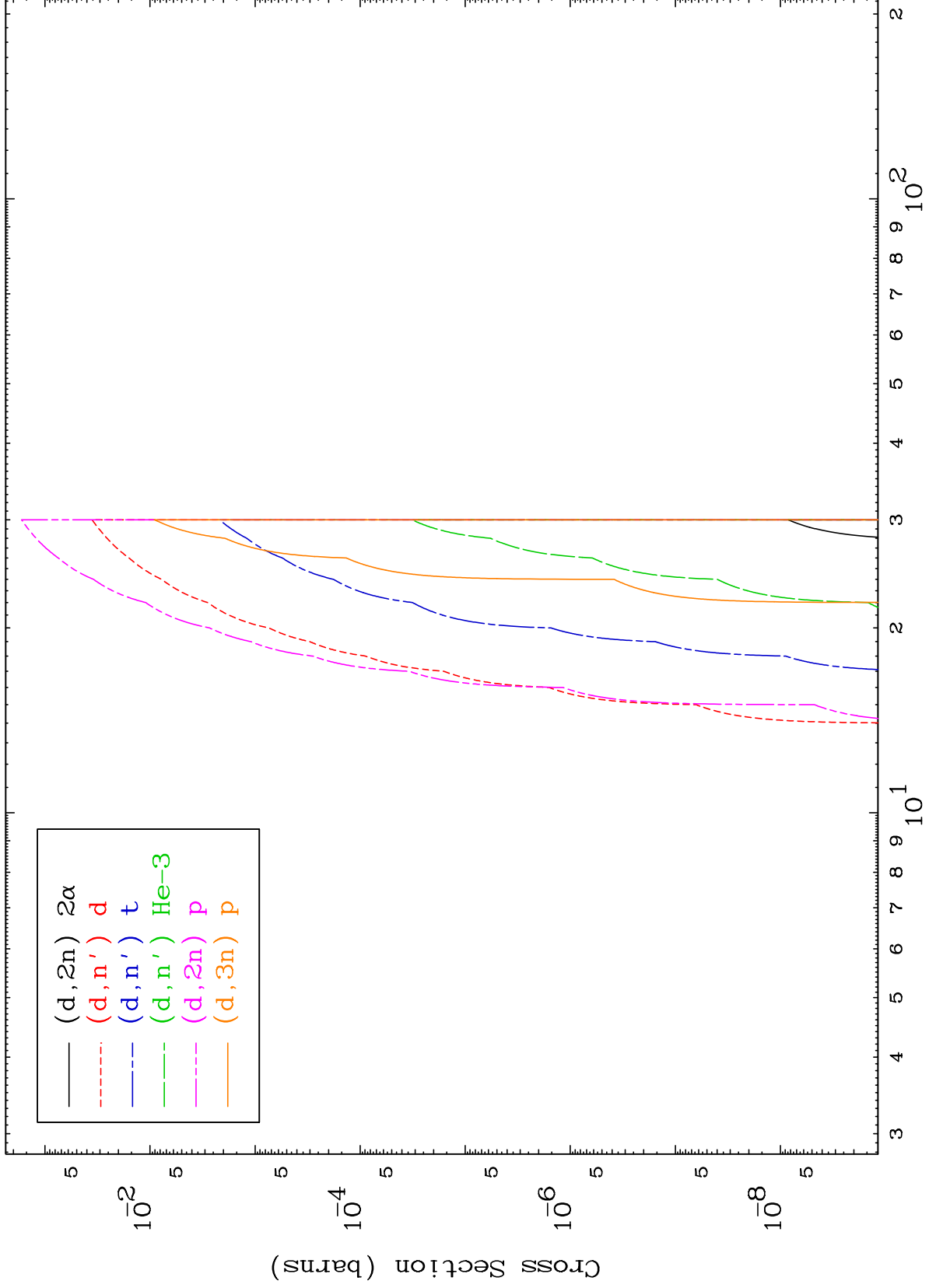
Deuteron Neutron Production
0 Kelvin Cross Sections

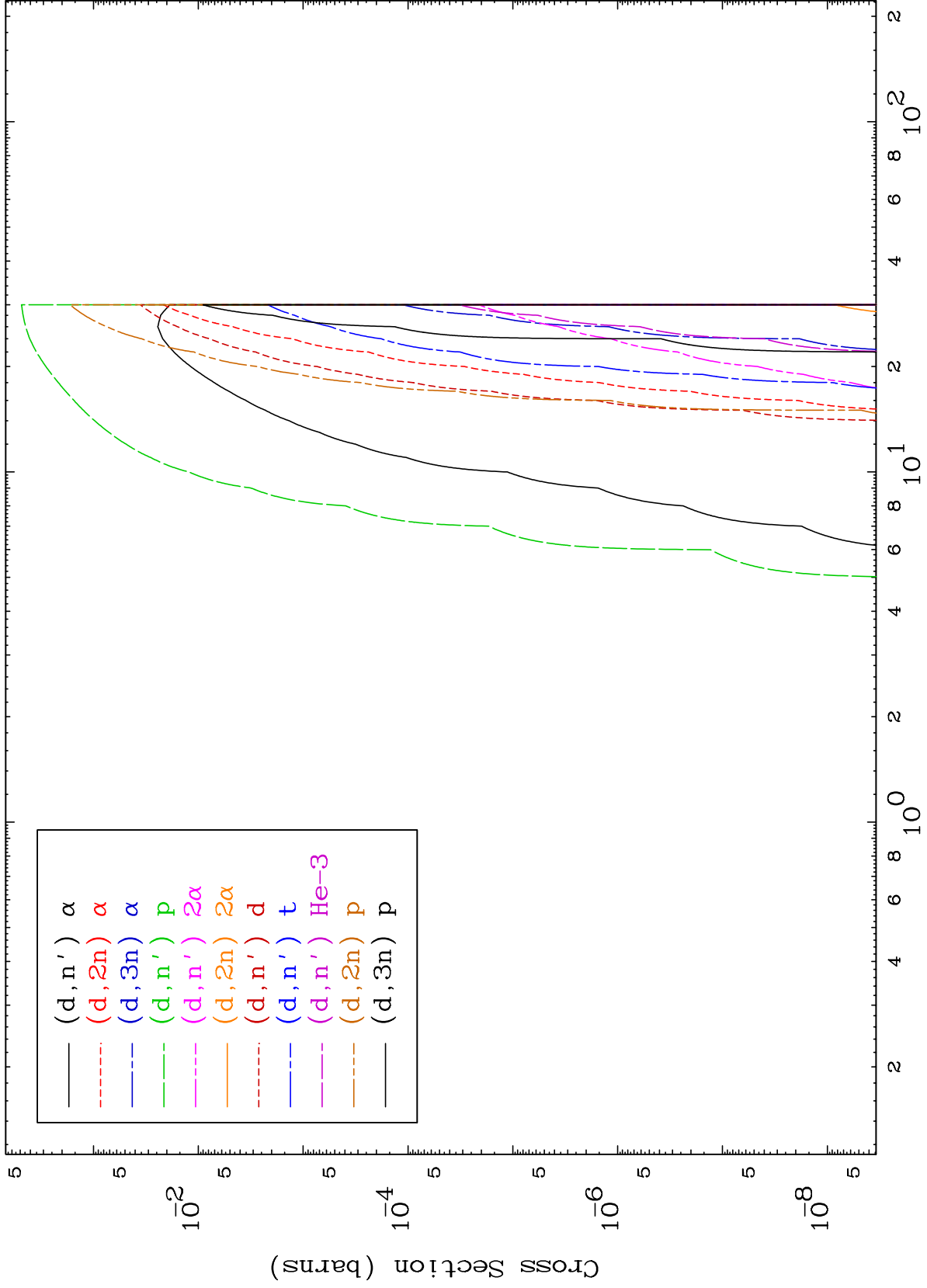
72-Hf-168

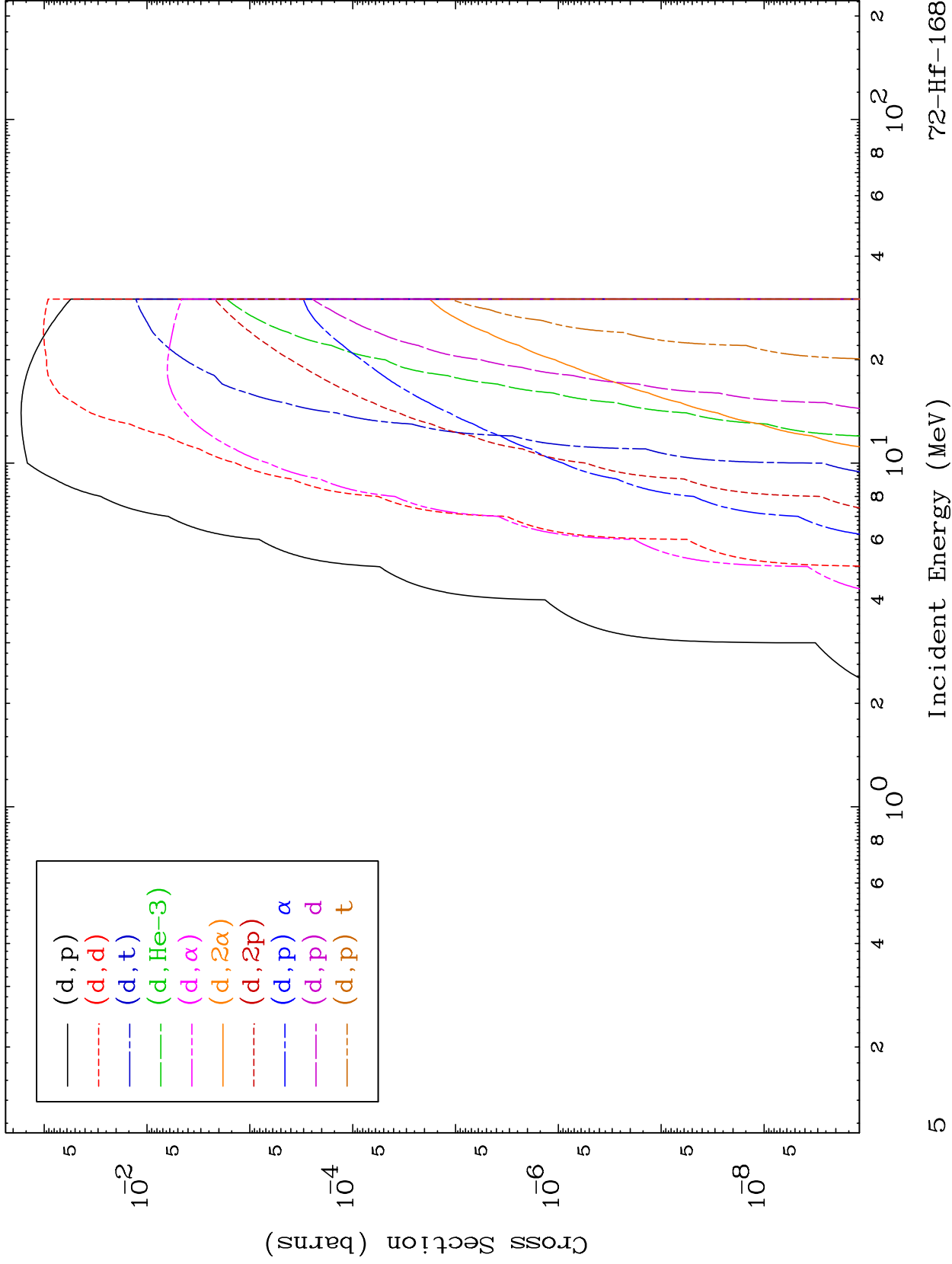


72-Hf-168

Incident Energy (MeV)





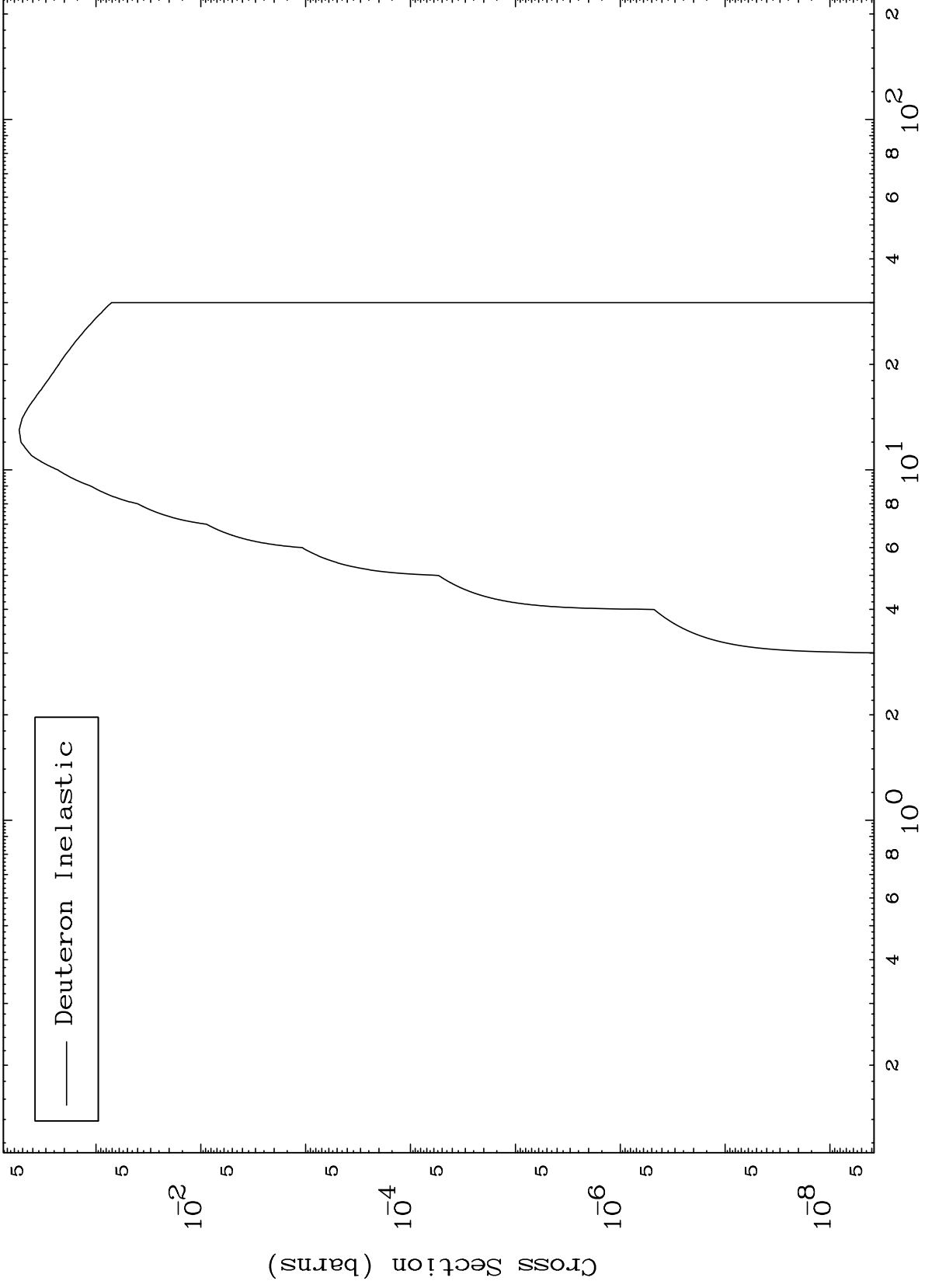


MAT 7207

(d,n') Level

72-Hf-168

0 Kelvin Cross Sections



6

Incident Energy (MeV)

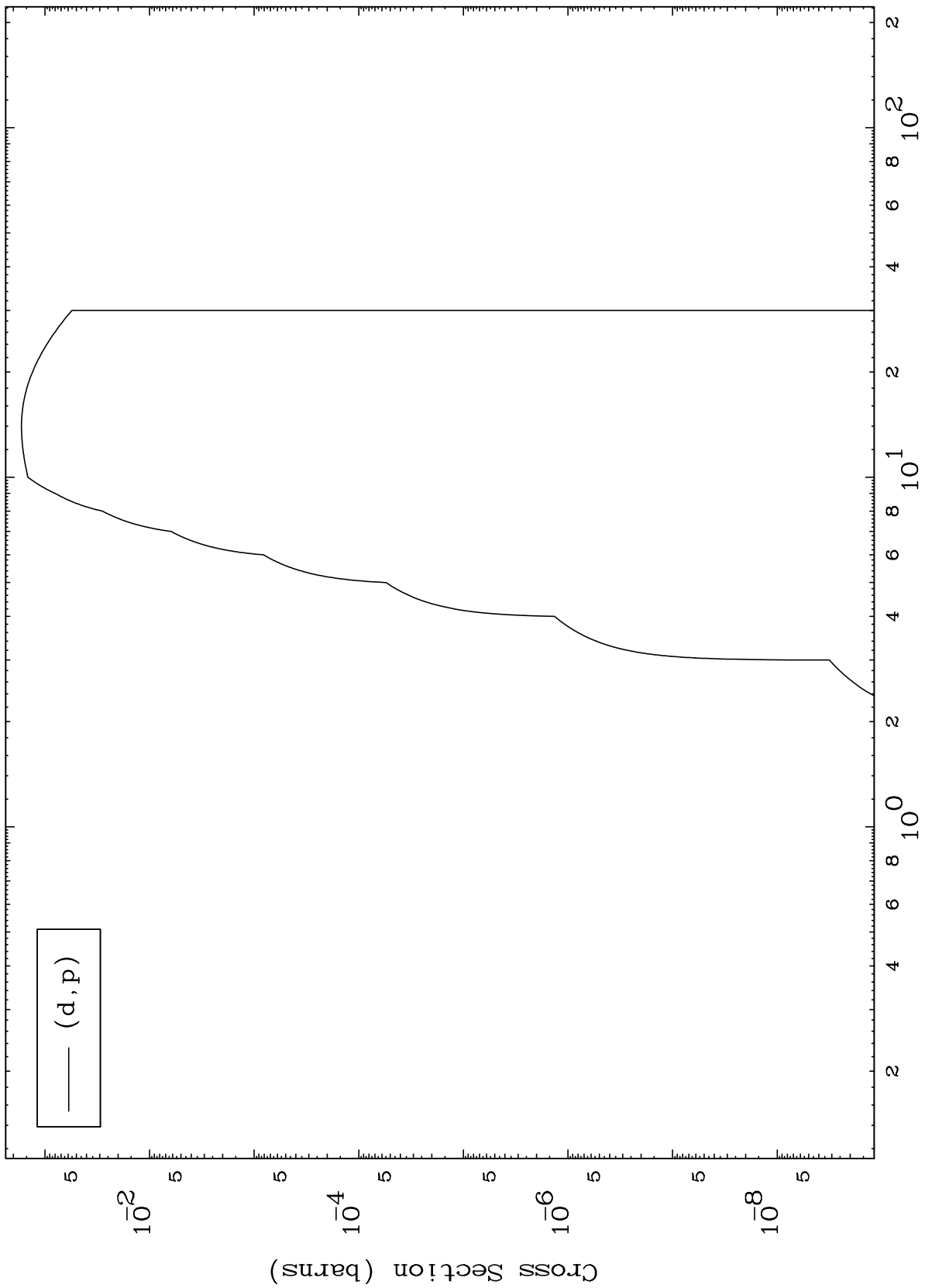
72-Hf-168

MAT 7207

(d,p) Levels

72-Hf-168

0 Kelvin Cross Sections

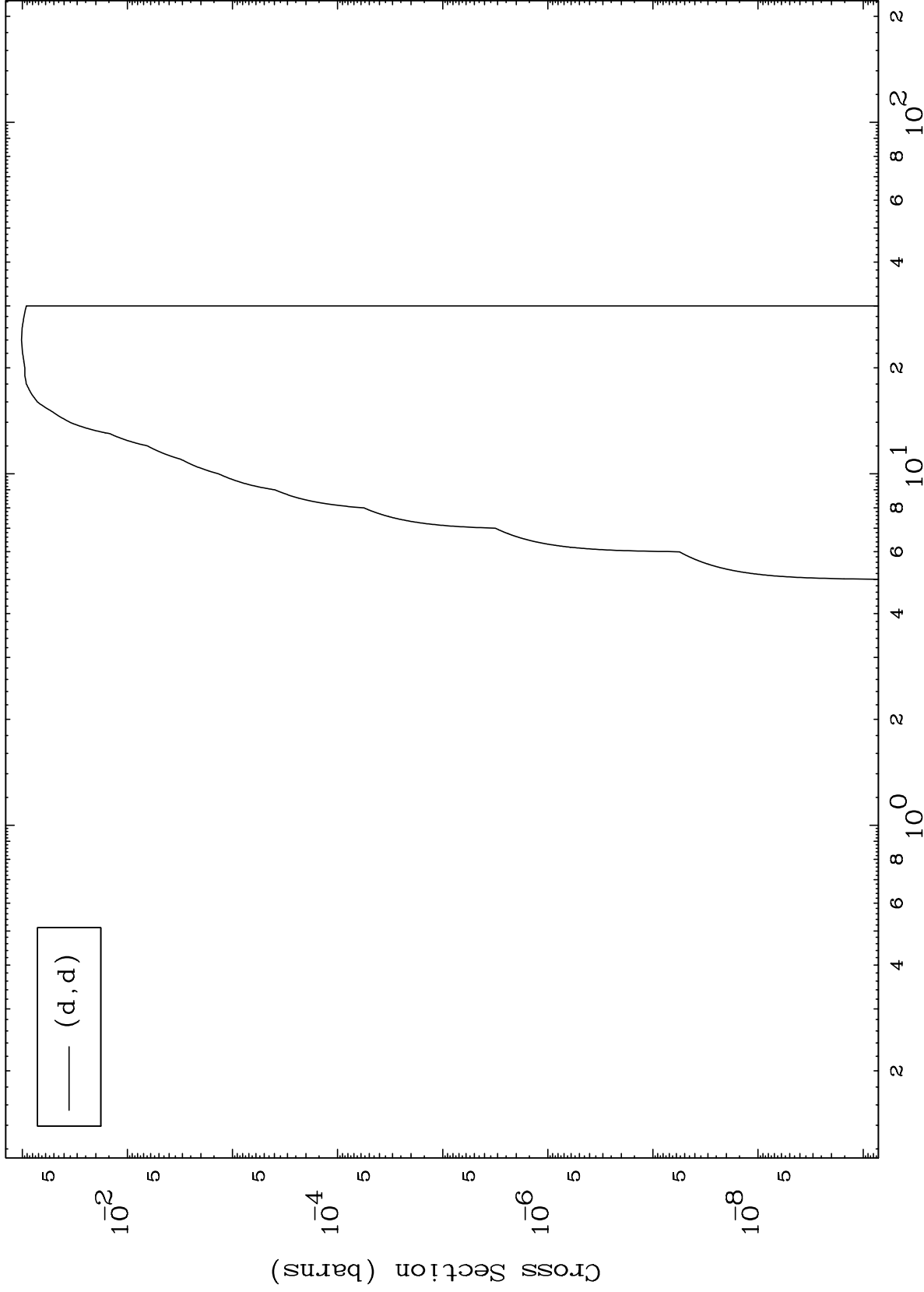


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(d,d) Levels

72-Hf-168

0 Kelvin Cross Sections

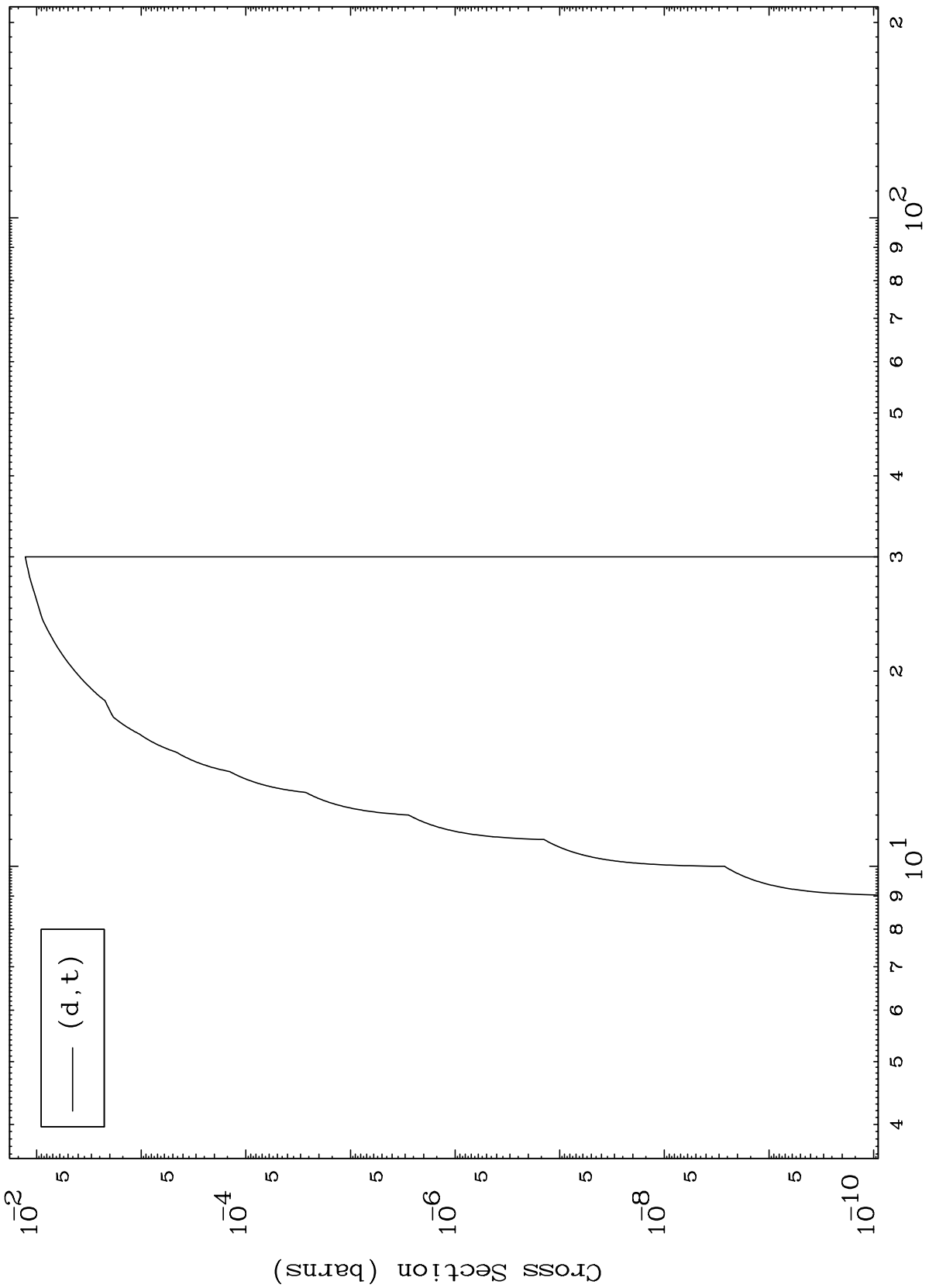


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(d,t) Levels

72-Hf-168

0 Kelvin Cross Sections



9

Incident Energy (MeV)

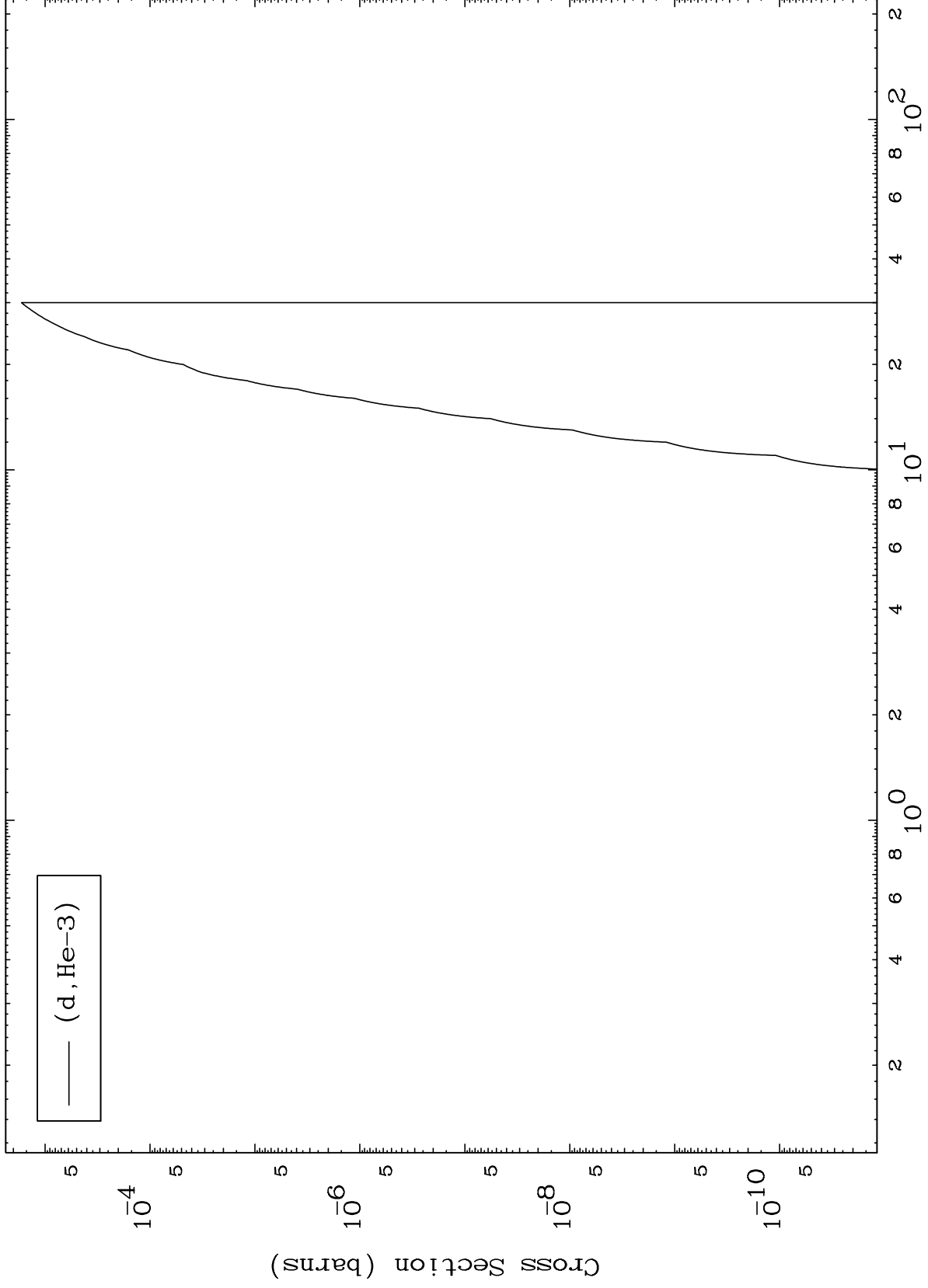
72-Hf-168

MAT 7207

(d,He3) Levels

72-Hf-168

0 Kelvin Cross Sections



10

Incident Energy (MeV)

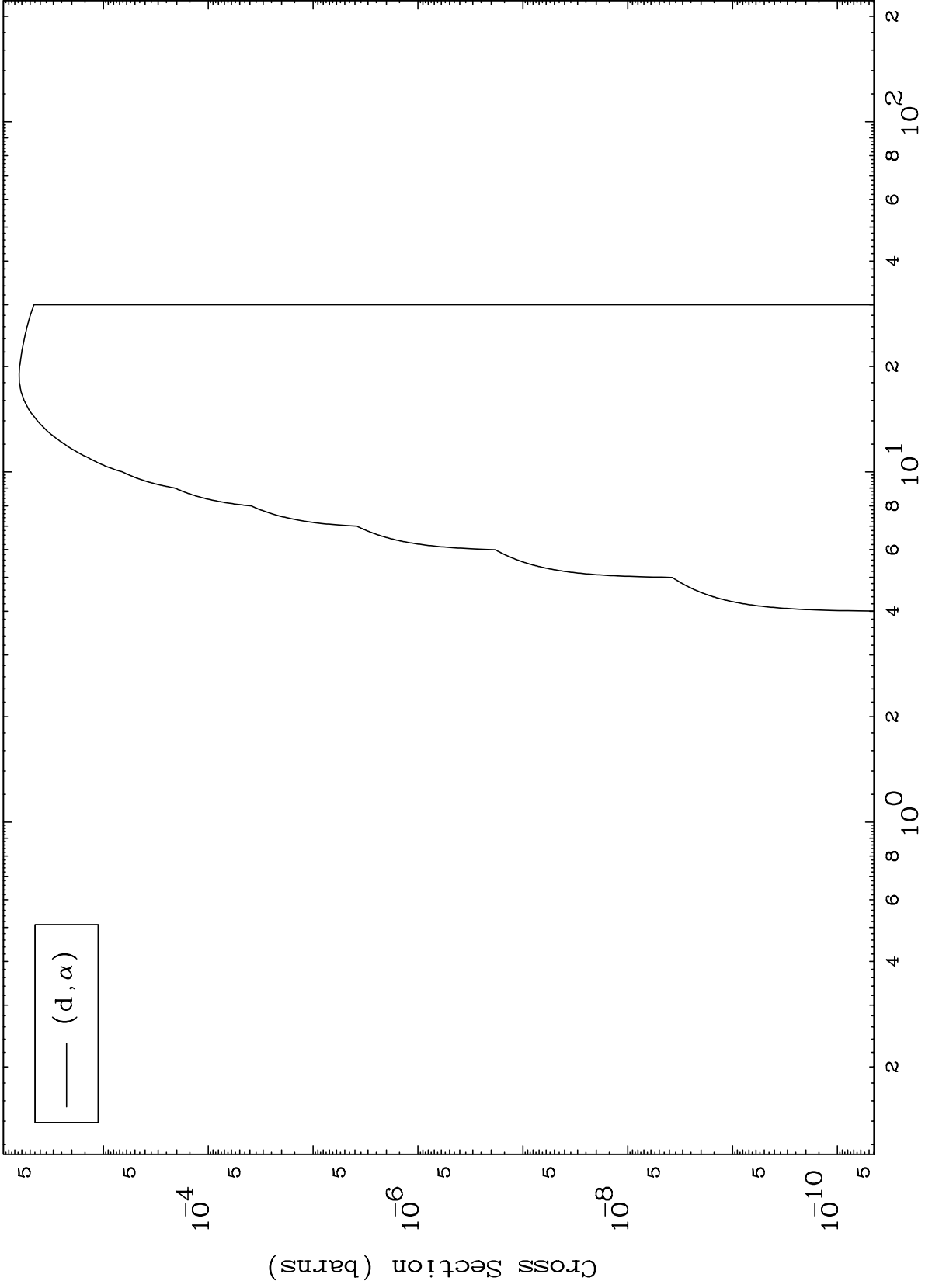
72-Hf-168

MAT 7207

(d, α) Levels

72-Hf-168

0 Kelvin Cross Sections

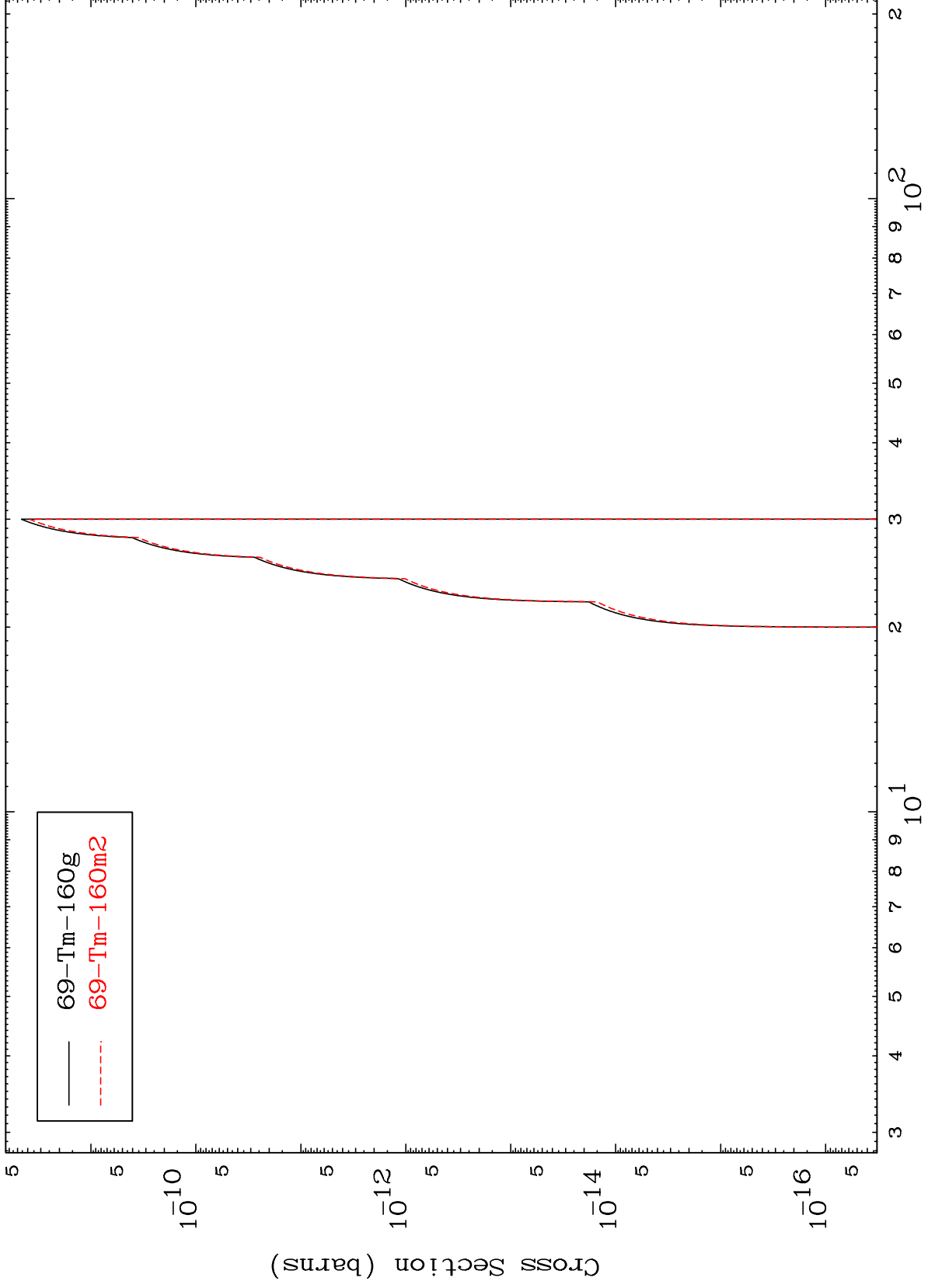


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^{69}Tm -160g

^{72}Hf -168

Radionuclide Production Cross Section



12

Incident Energy (MeV)

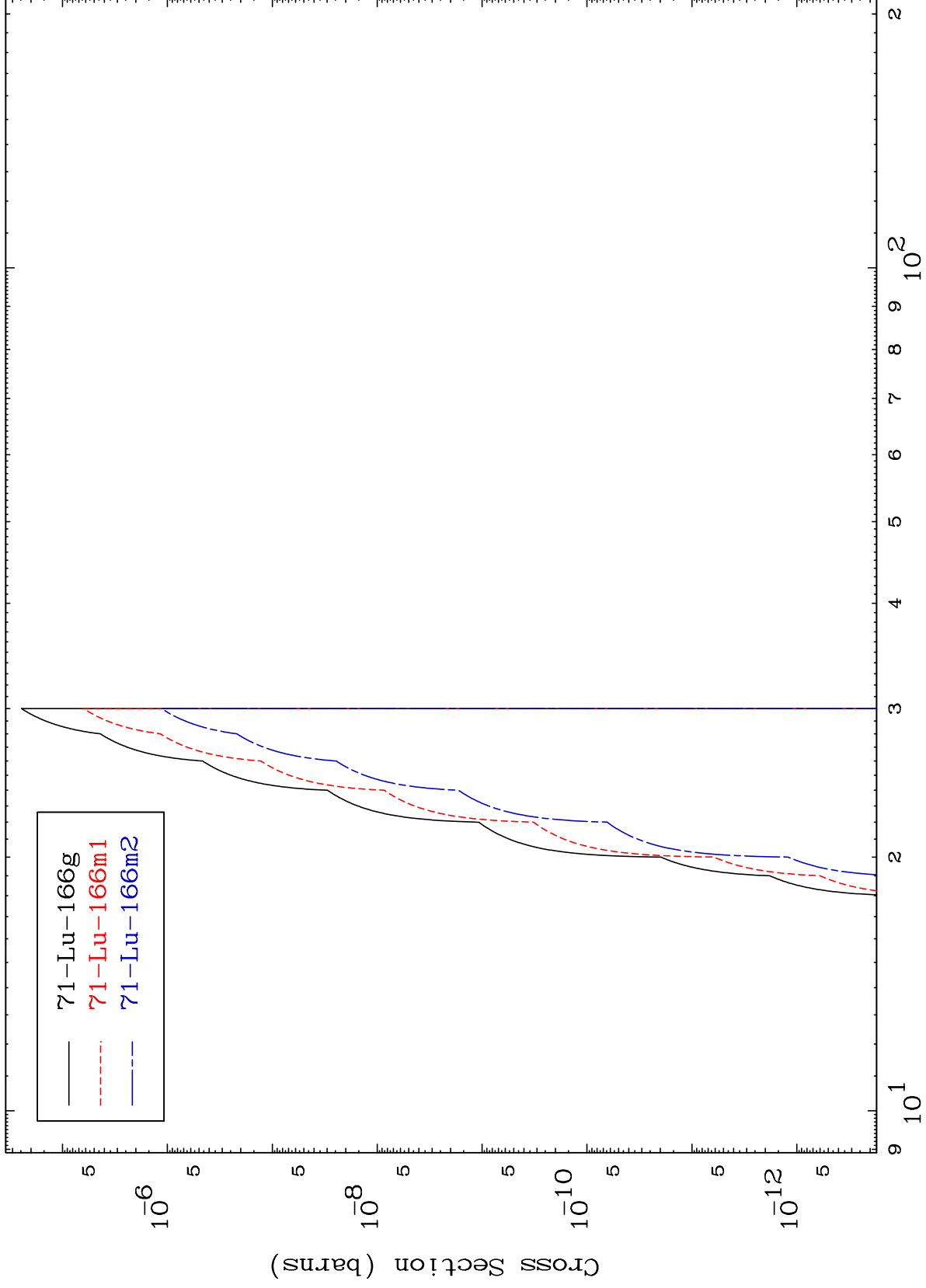
^{72}Hf -168

MAT 7207

(d,n') He-3

72-Hf-168

Radionuclide Production Cross Section



13

Incident Energy (MeV)

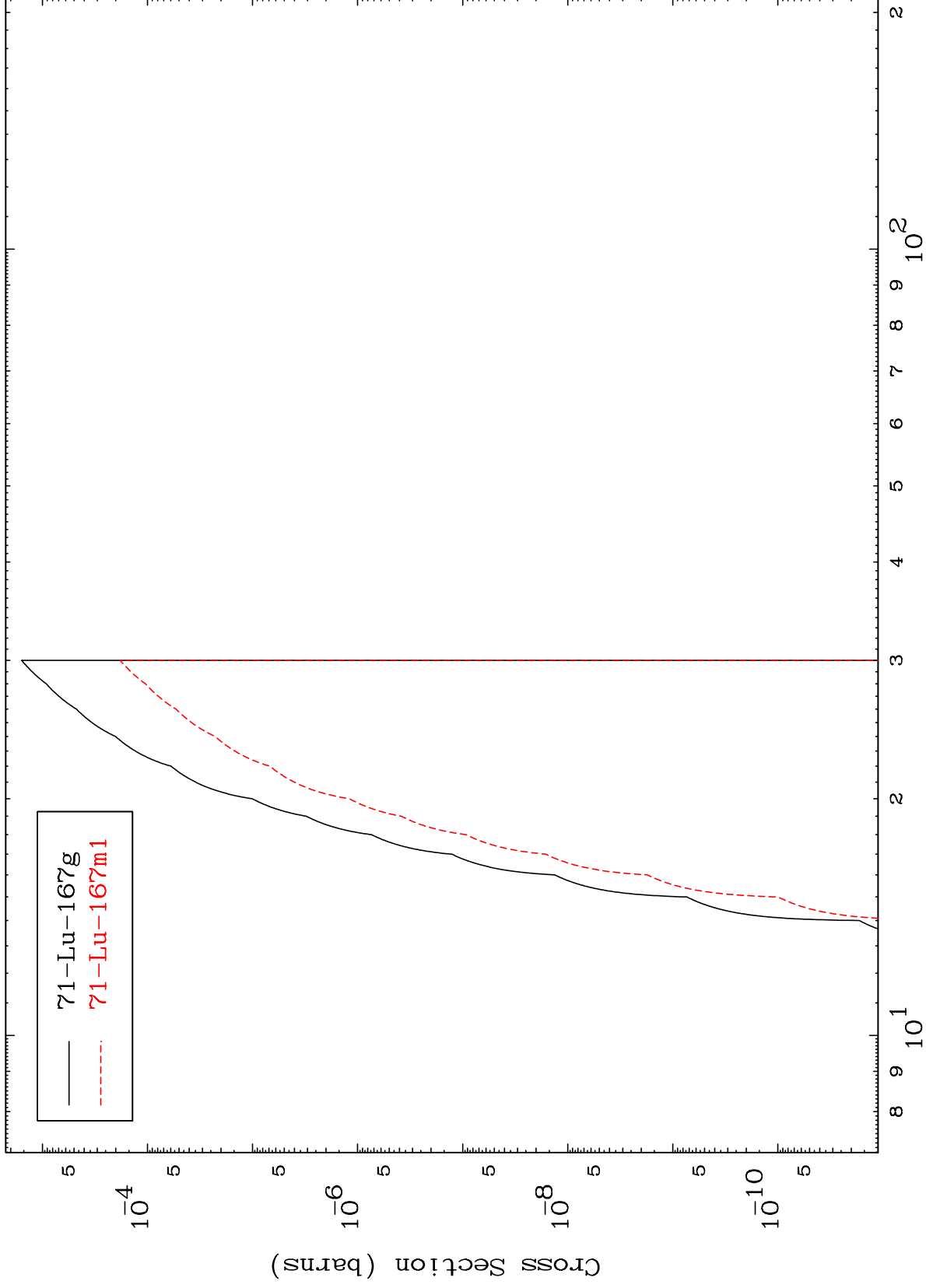
72-Hf-168

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(d,2n) p

72-Hf-168

Radionuclide Production Cross Section



14

Incident Energy (MeV)

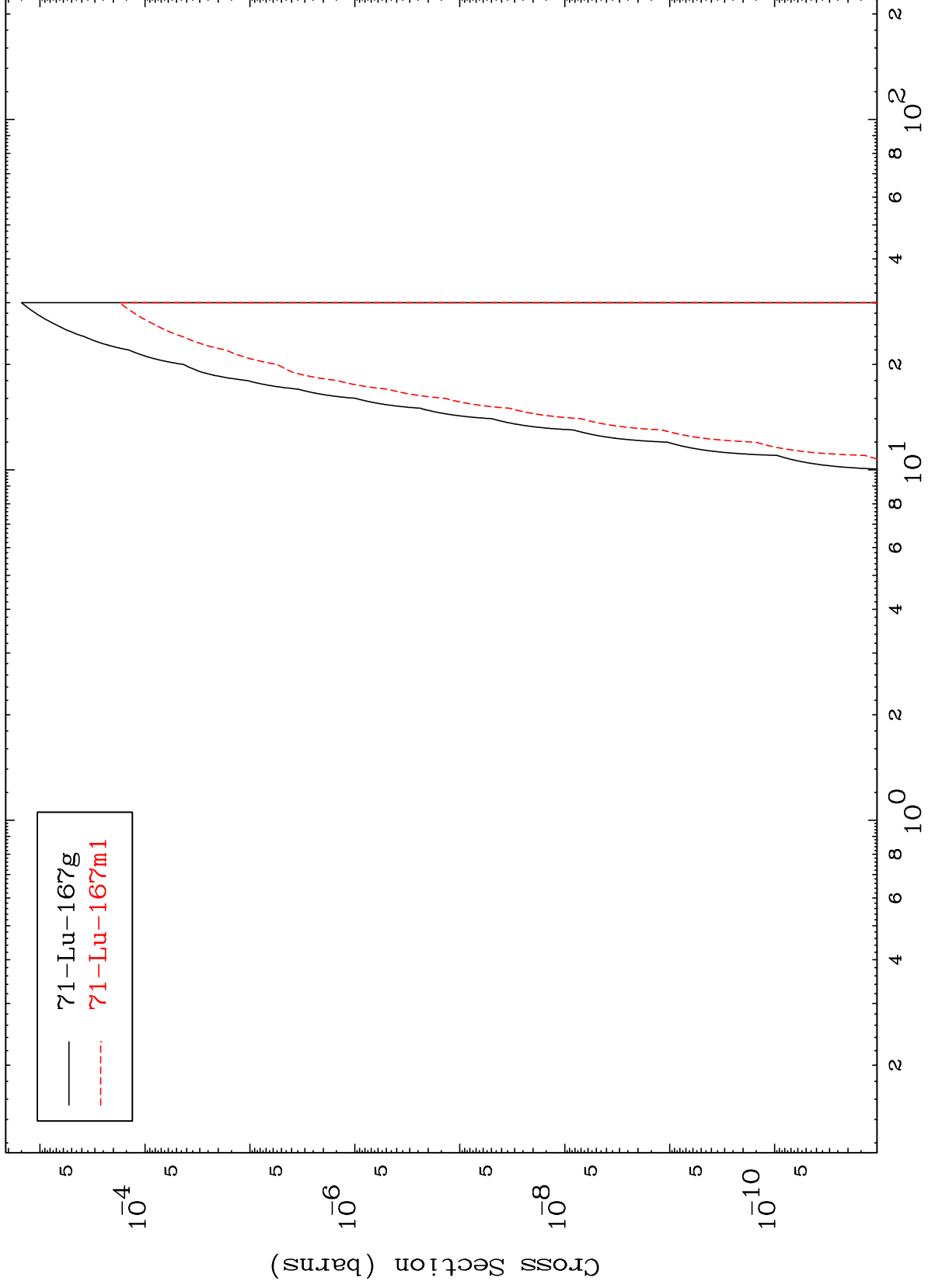
72-Hf-168

MAT 7207

(d,He-3)

72-Hf-168

Radionuclide Production Cross Section



15

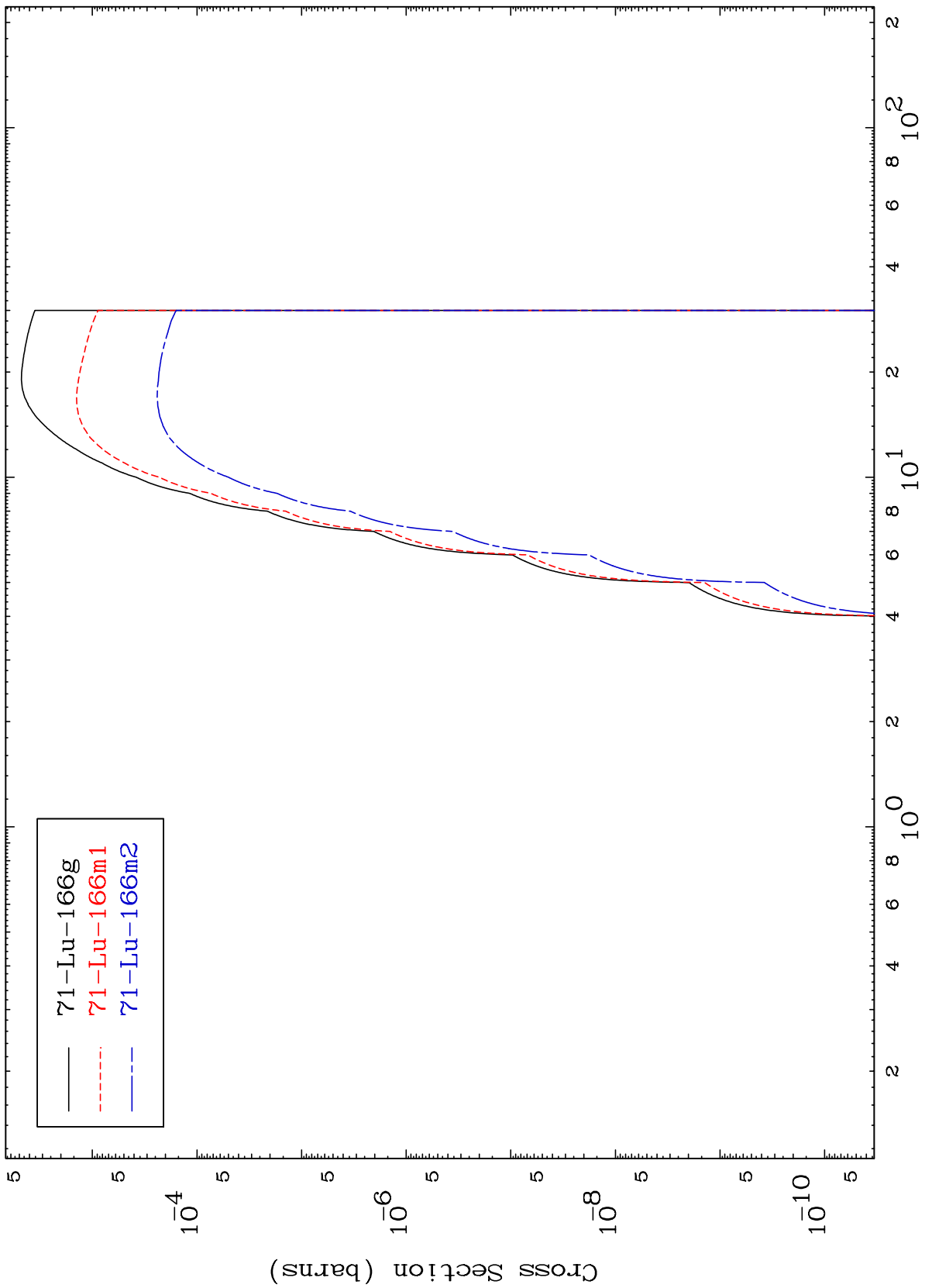
Incident Energy (MeV)

72-Hf-168

MAT 7207

72-Hf-168

Radionuclide Production Cross Section
(d, α)



71-Lu-166g
71-Lu-166m1
71-Lu-166m2

72-Hf-168

Incident Energy (MeV)

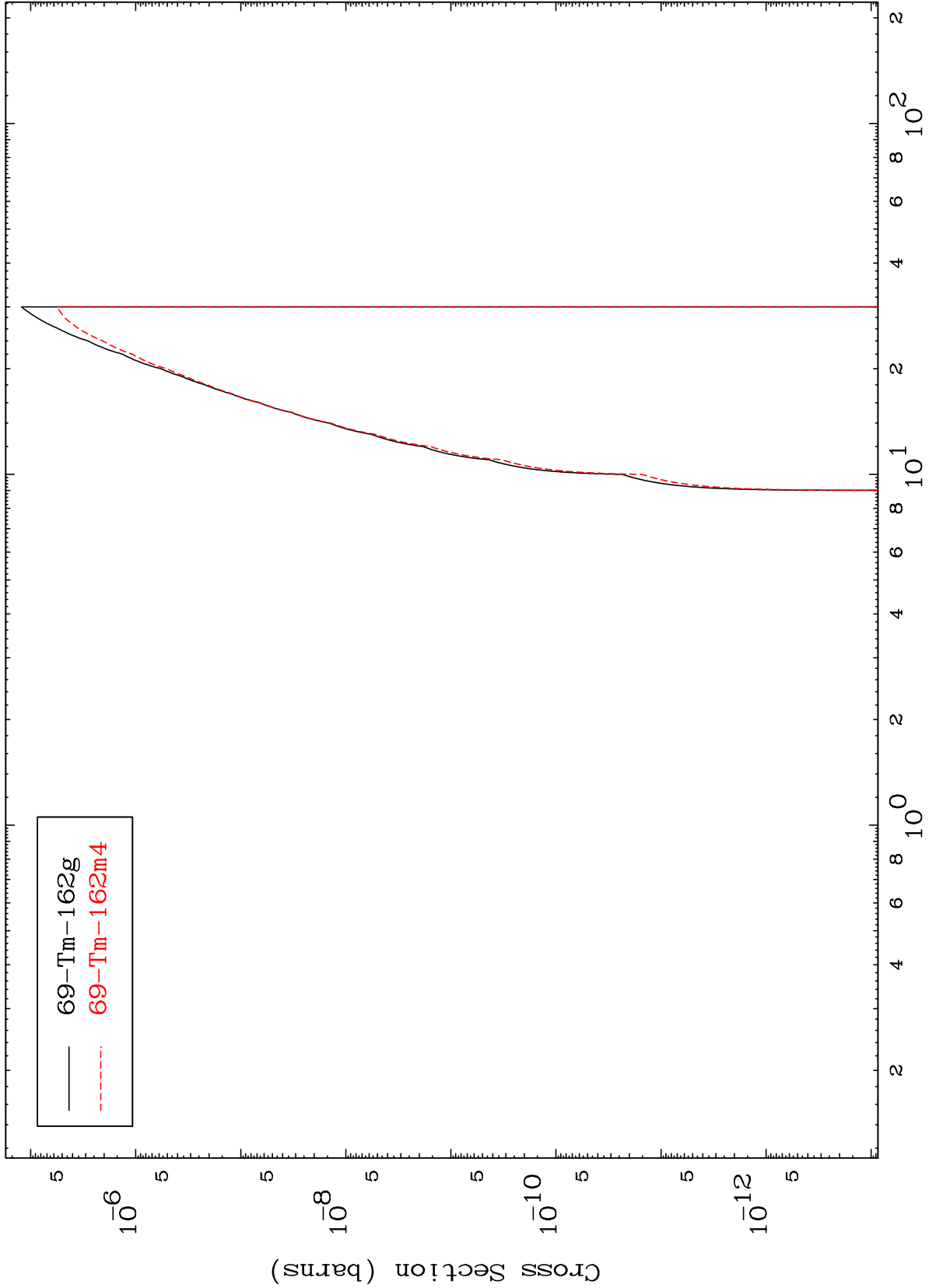
16

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(d,2α)

72-Hf-168

Radionuclide Production Cross Section

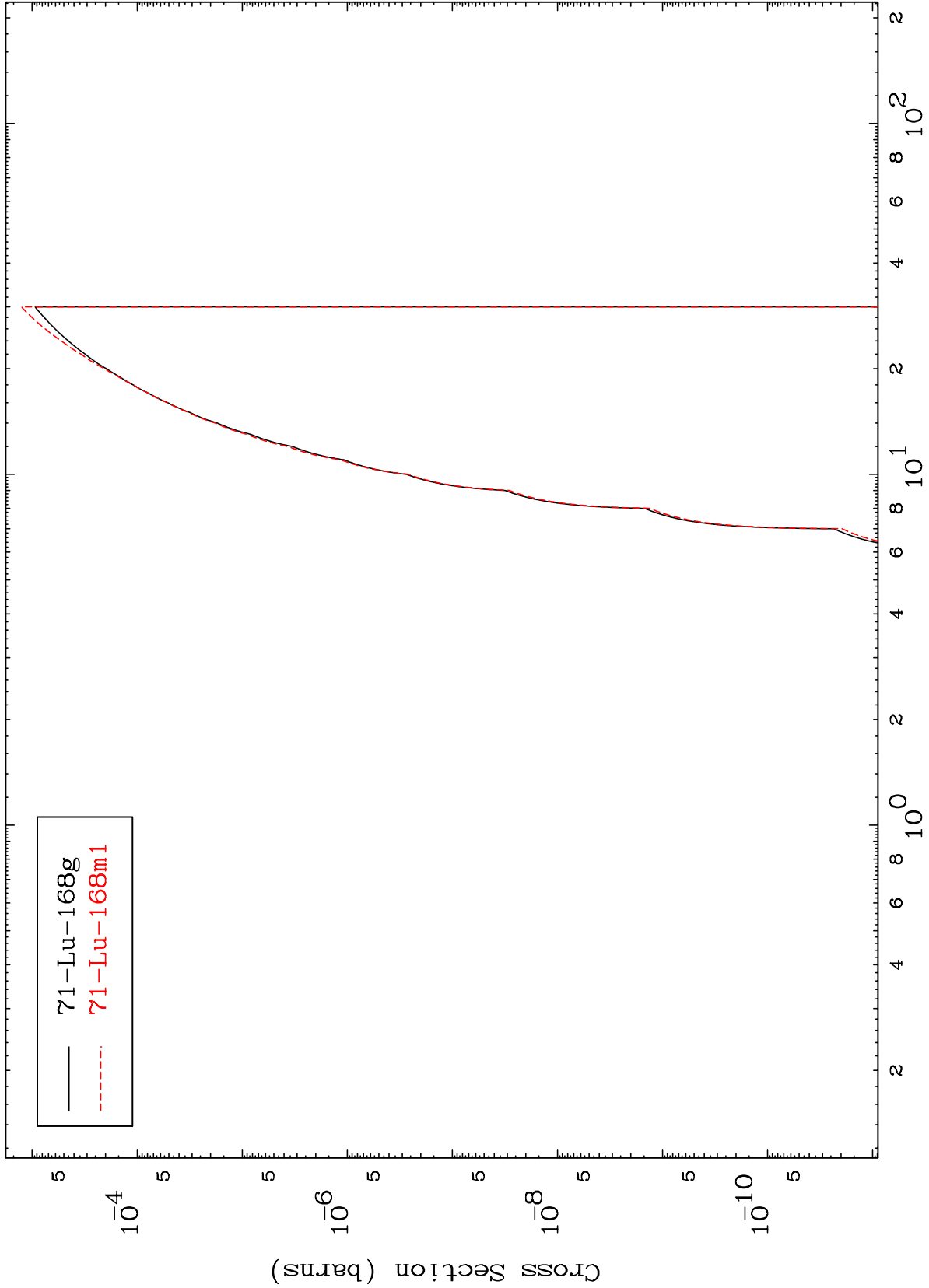


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(d,2p)

72-Hf-168

Radionuclide Production Cross Section

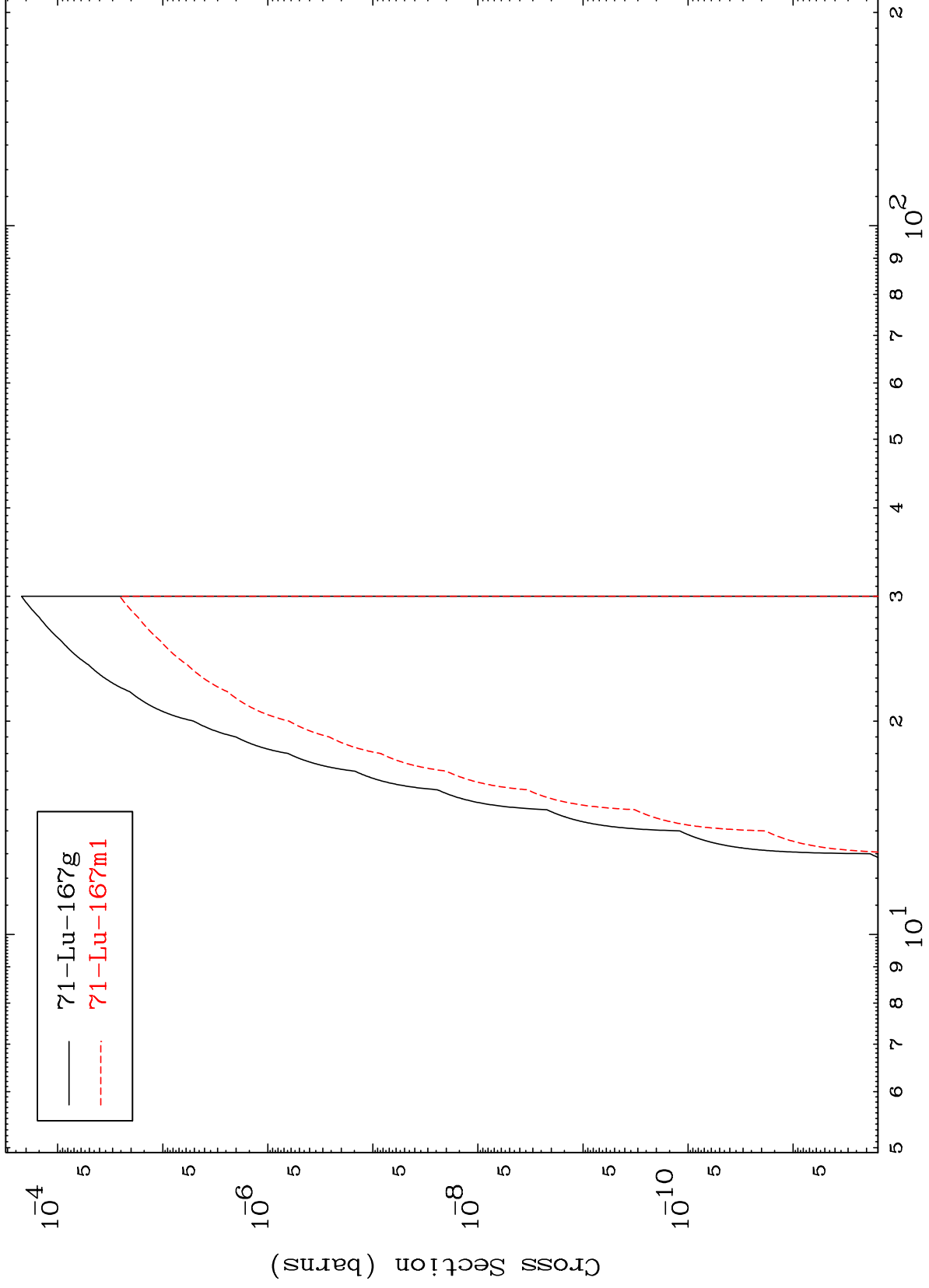


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(d,p) d

72-Hf-168

Radionuclide Production Cross Section



71-Lu-167g
71-Lu-167m1

19

Incident Energy (MeV)

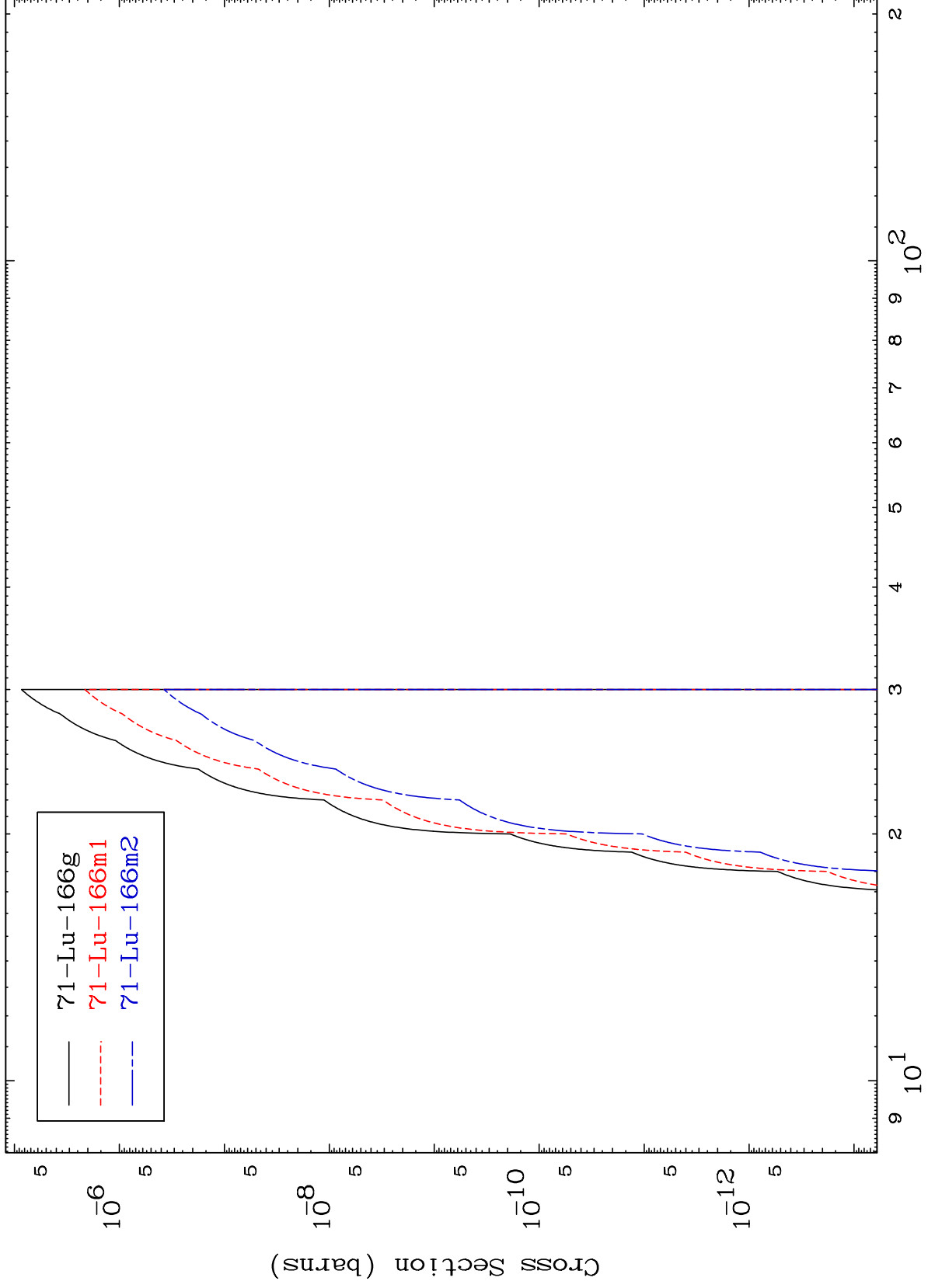
72-Hf-168

MAT 7207

(d,p) t

72-Hf-168

Radionuclide Production Cross Section



20

Incident Energy (MeV)

72-Hf-168