

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

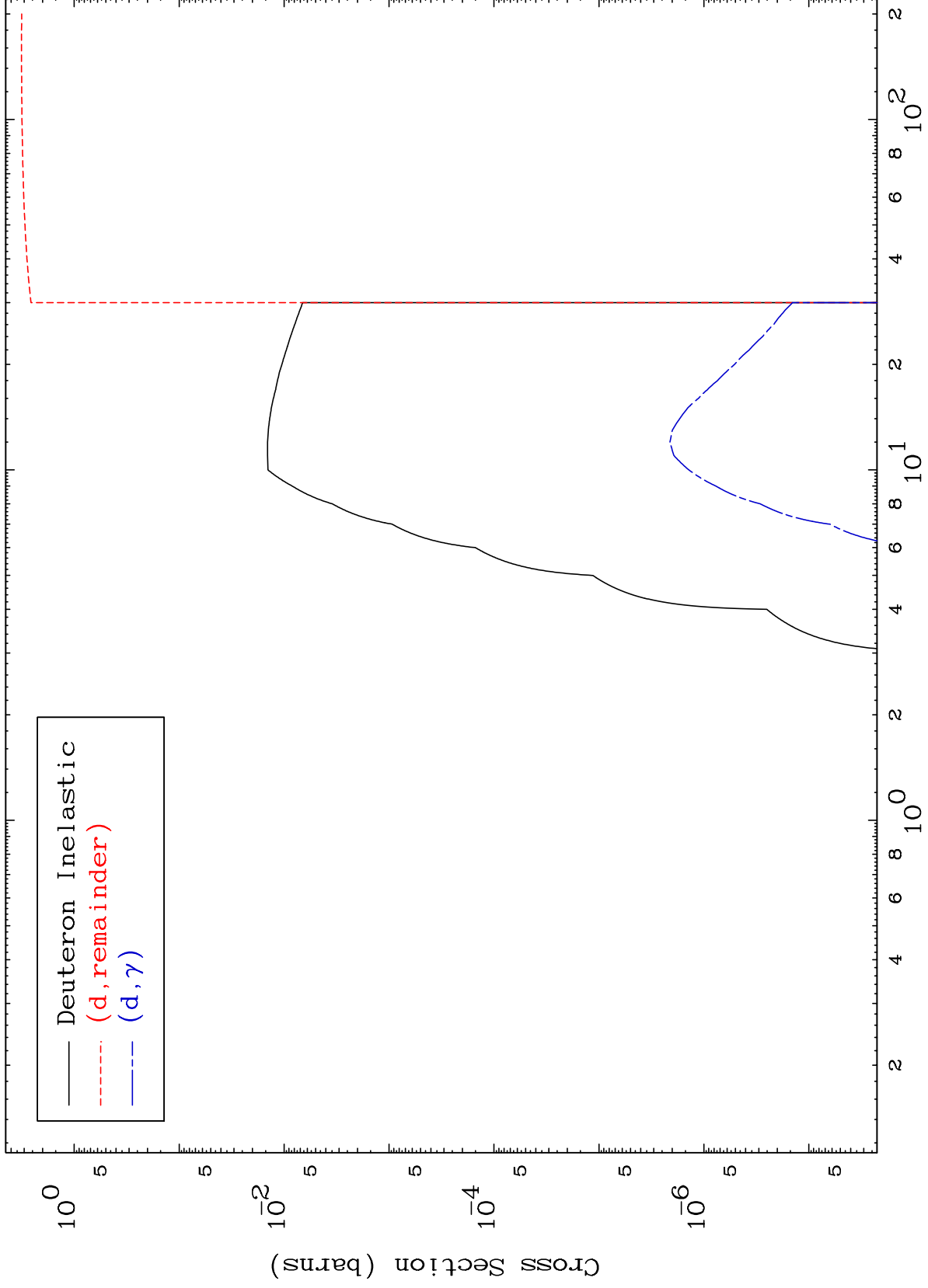
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Web:redcullen1.net/HOMEPAGE.NEW

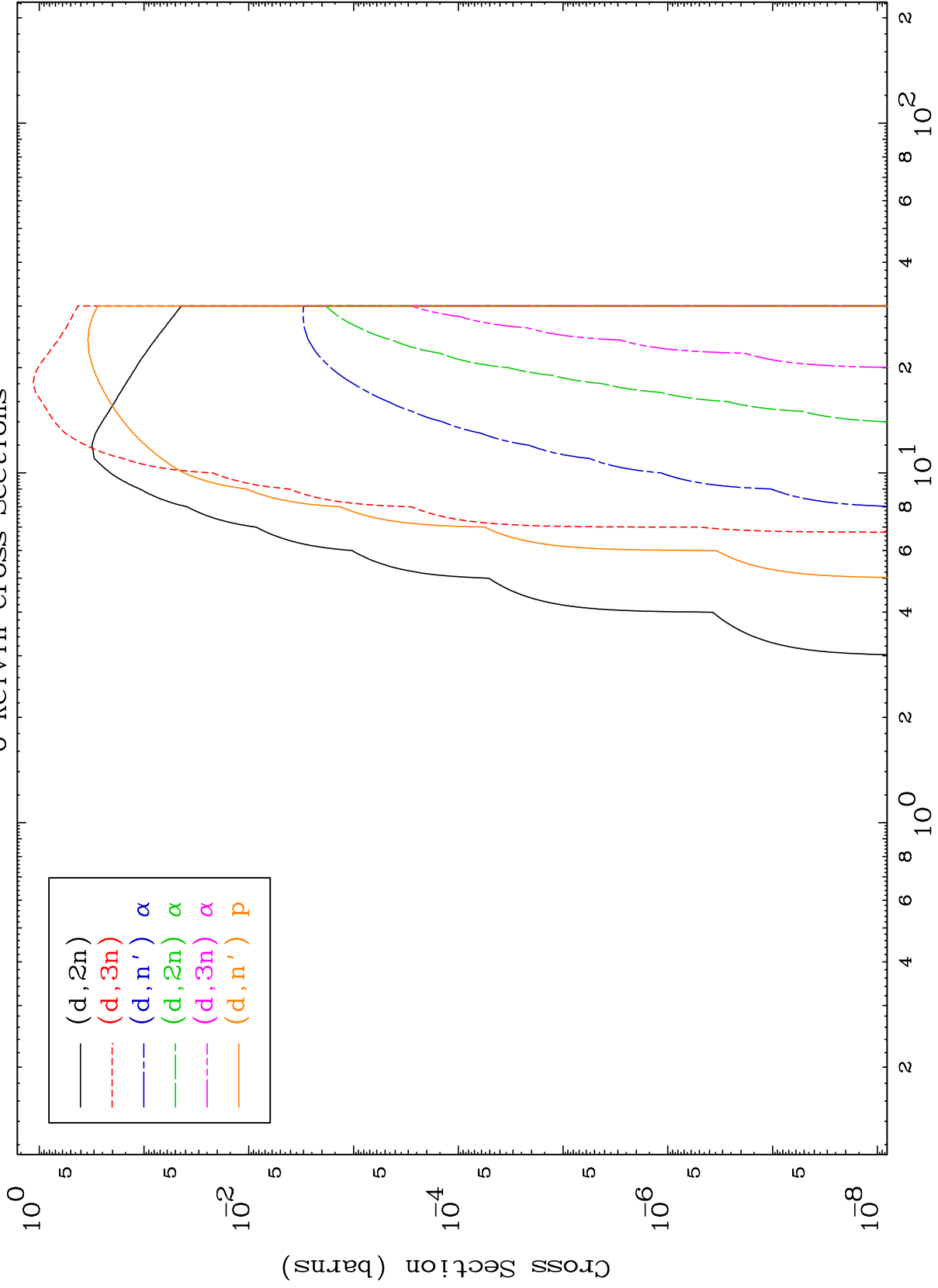
Press Mouse Button to Start

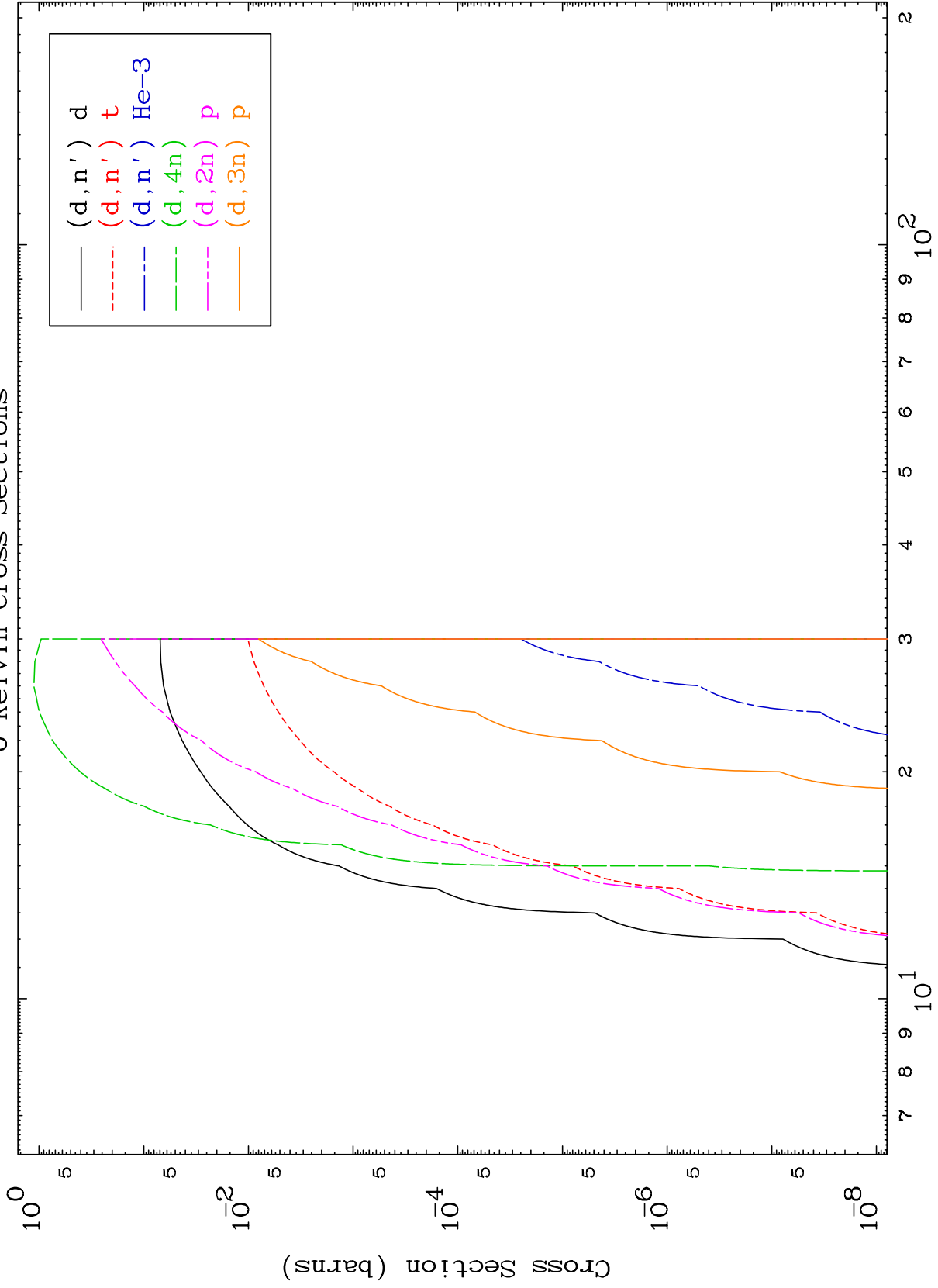


MAT 7743

Deuteron Neutron Production
0 Kelvin Cross Sections

77-Ir-197

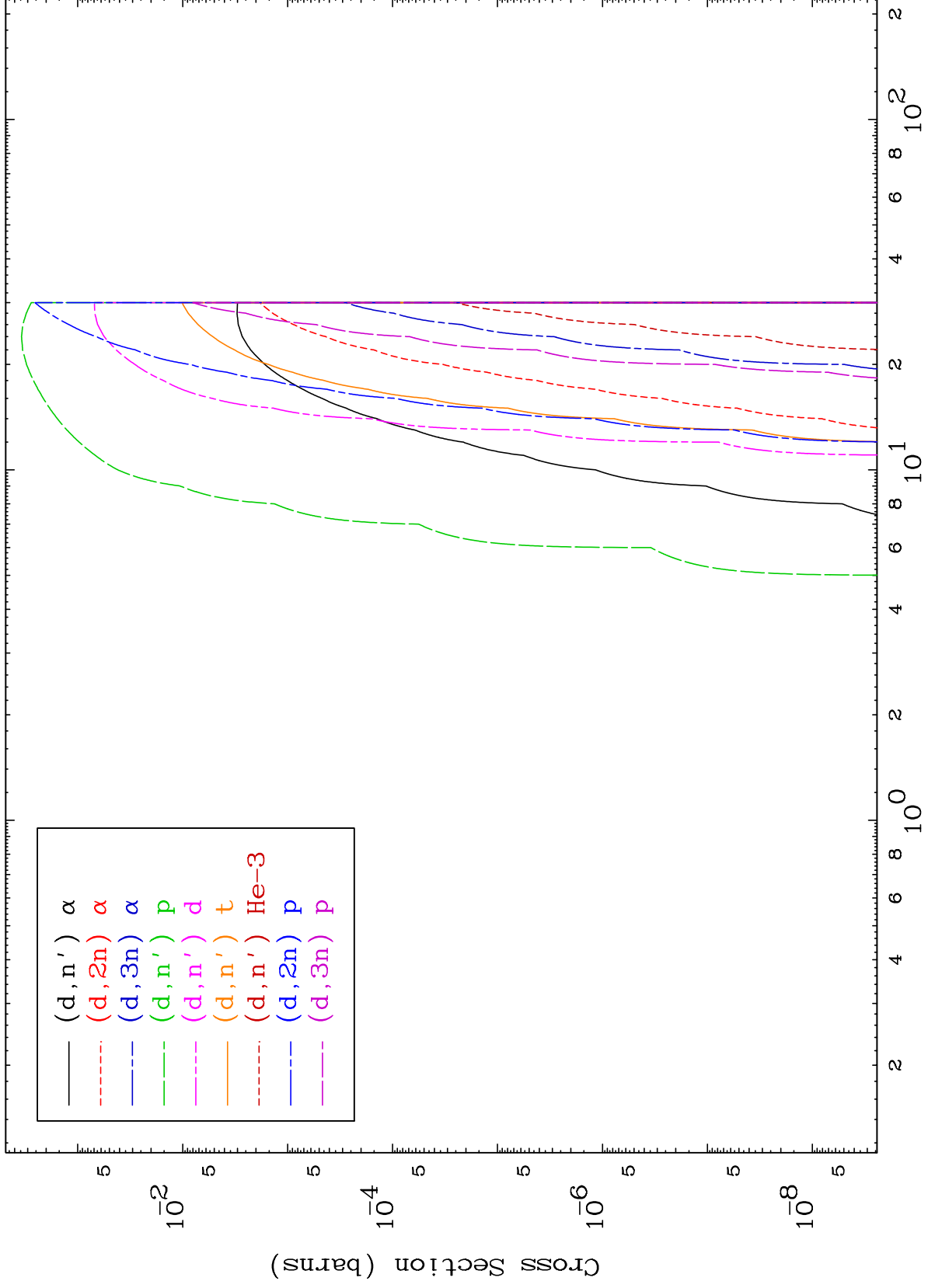


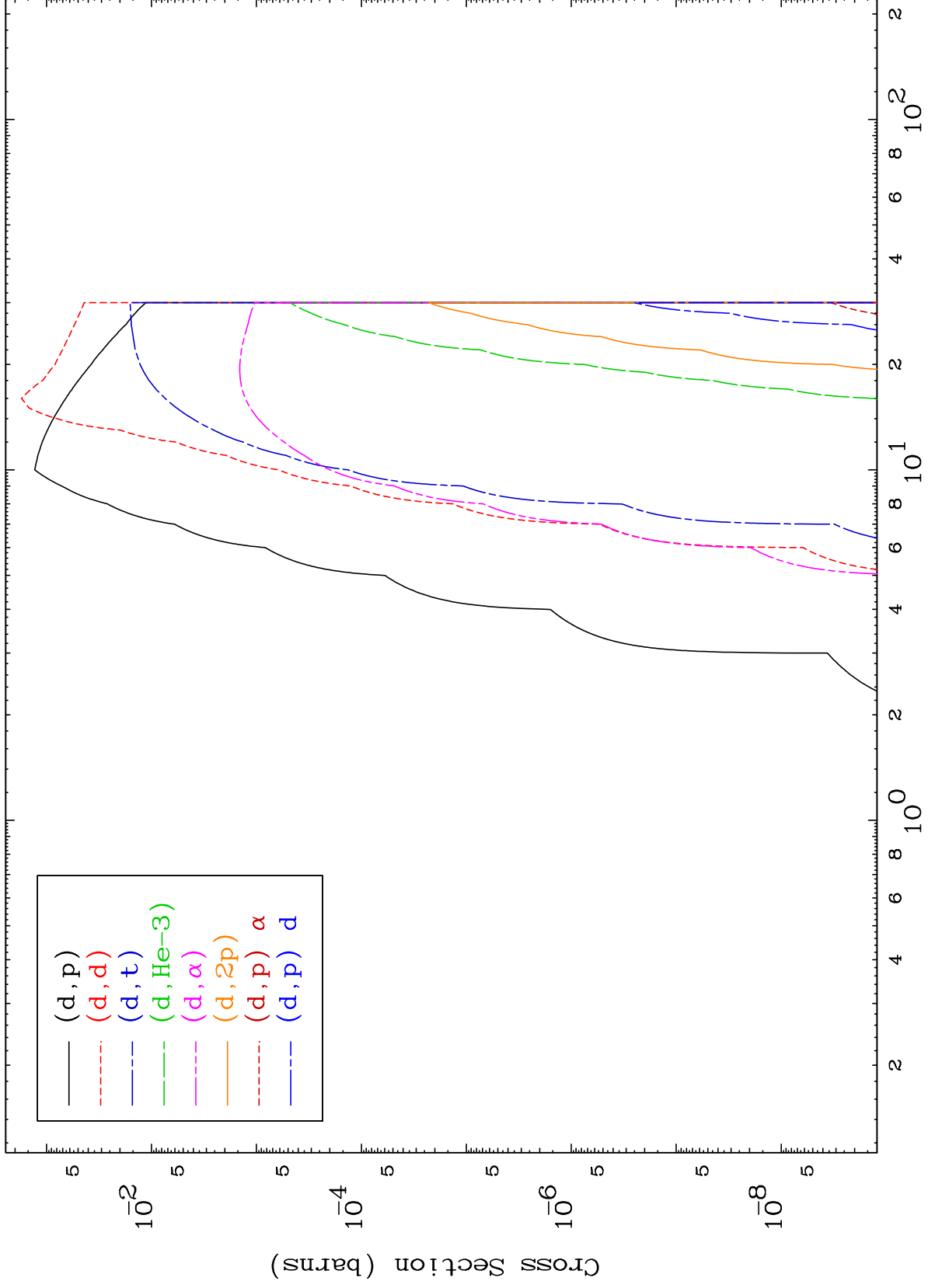


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Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-197



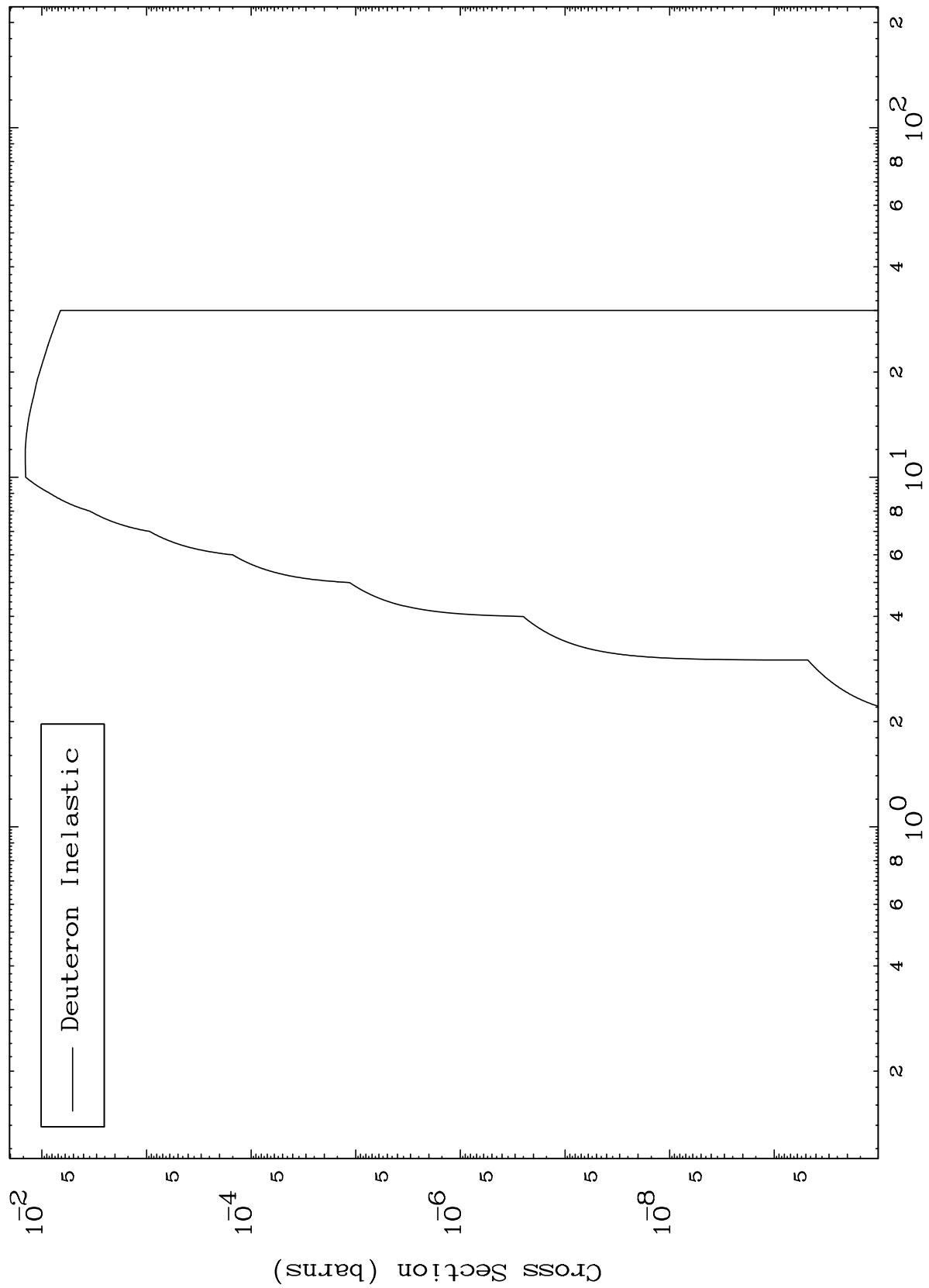


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(d,n') Level

77-Ir-197

0 Kelvin Cross Sections



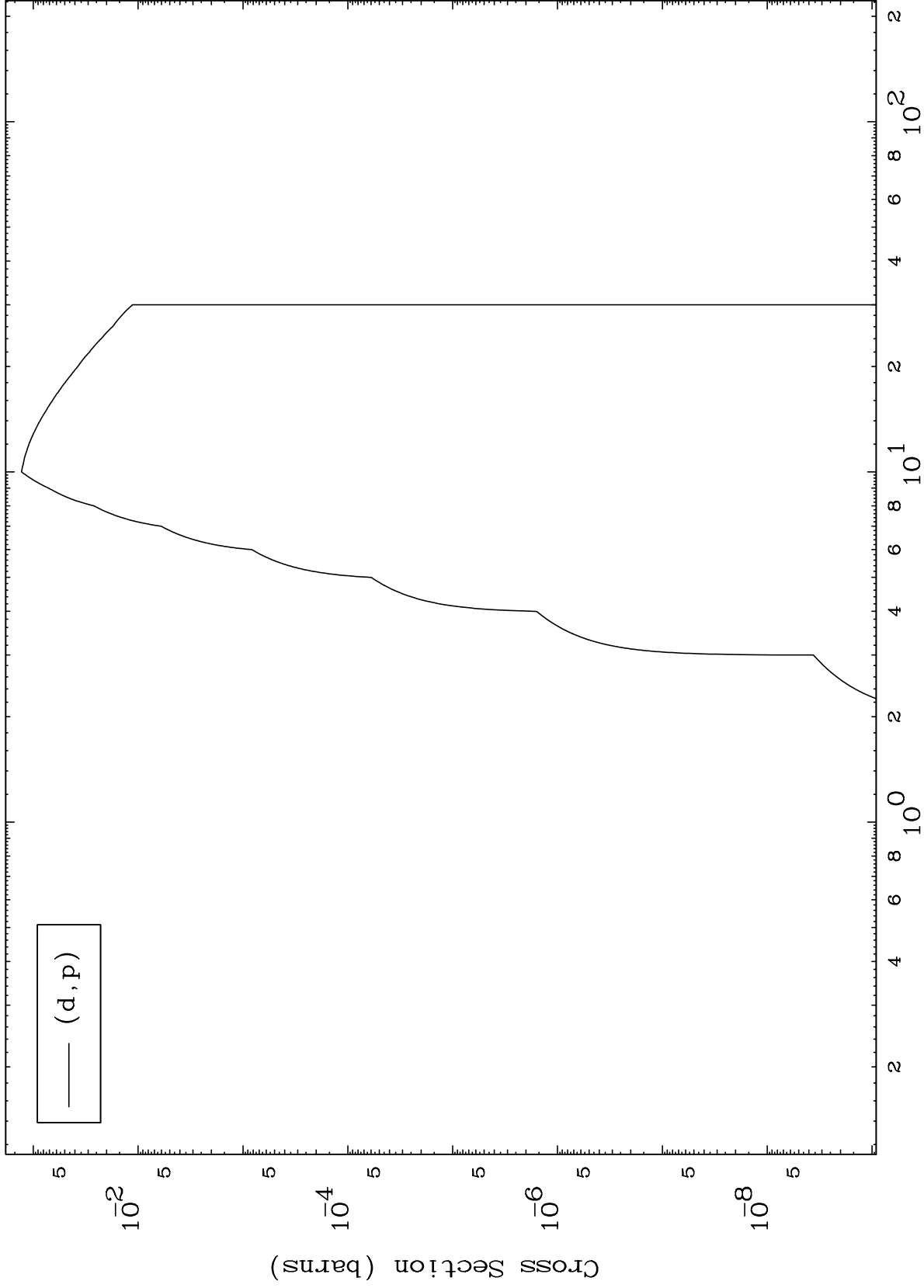
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

(d,p) Levels
0 Kelvin Cross Sections



77-Ir-197

Incident Energy (MeV)

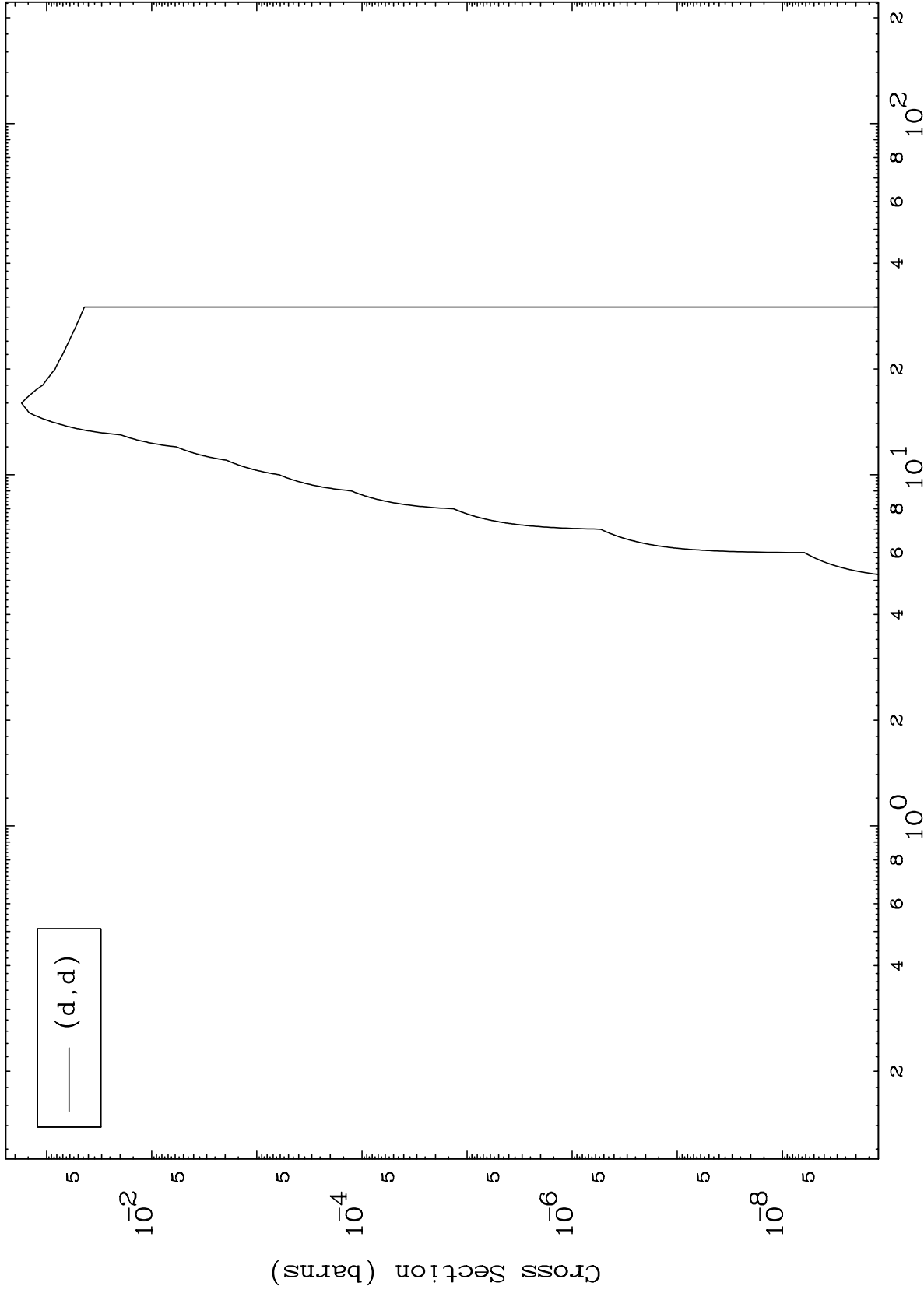
7

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(d,d) Levels

77-Ir-197

0 Kelvin Cross Sections



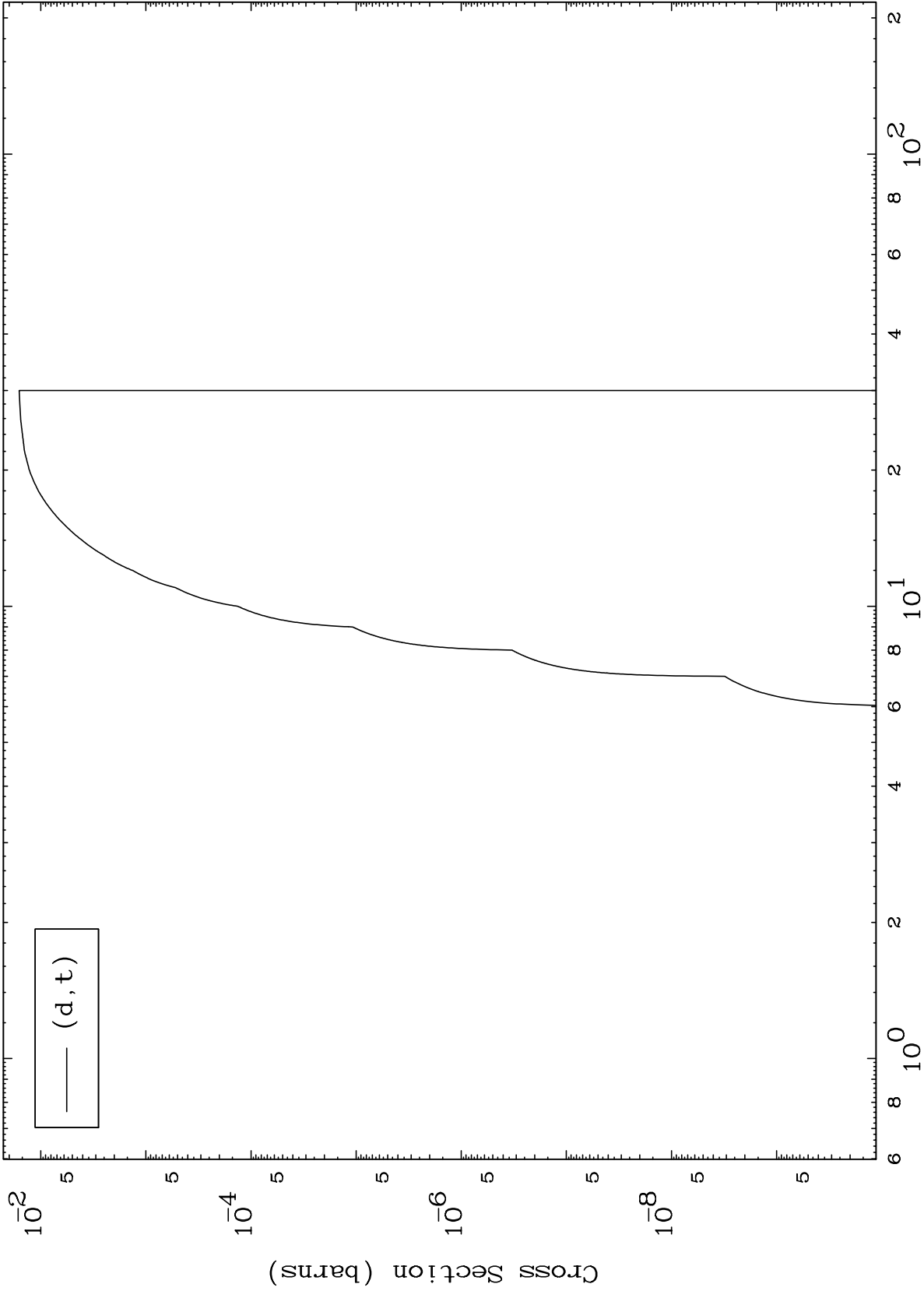
(d,d)

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(d,t) Levels

77-Ir-197

0 Kelvin Cross Sections



9

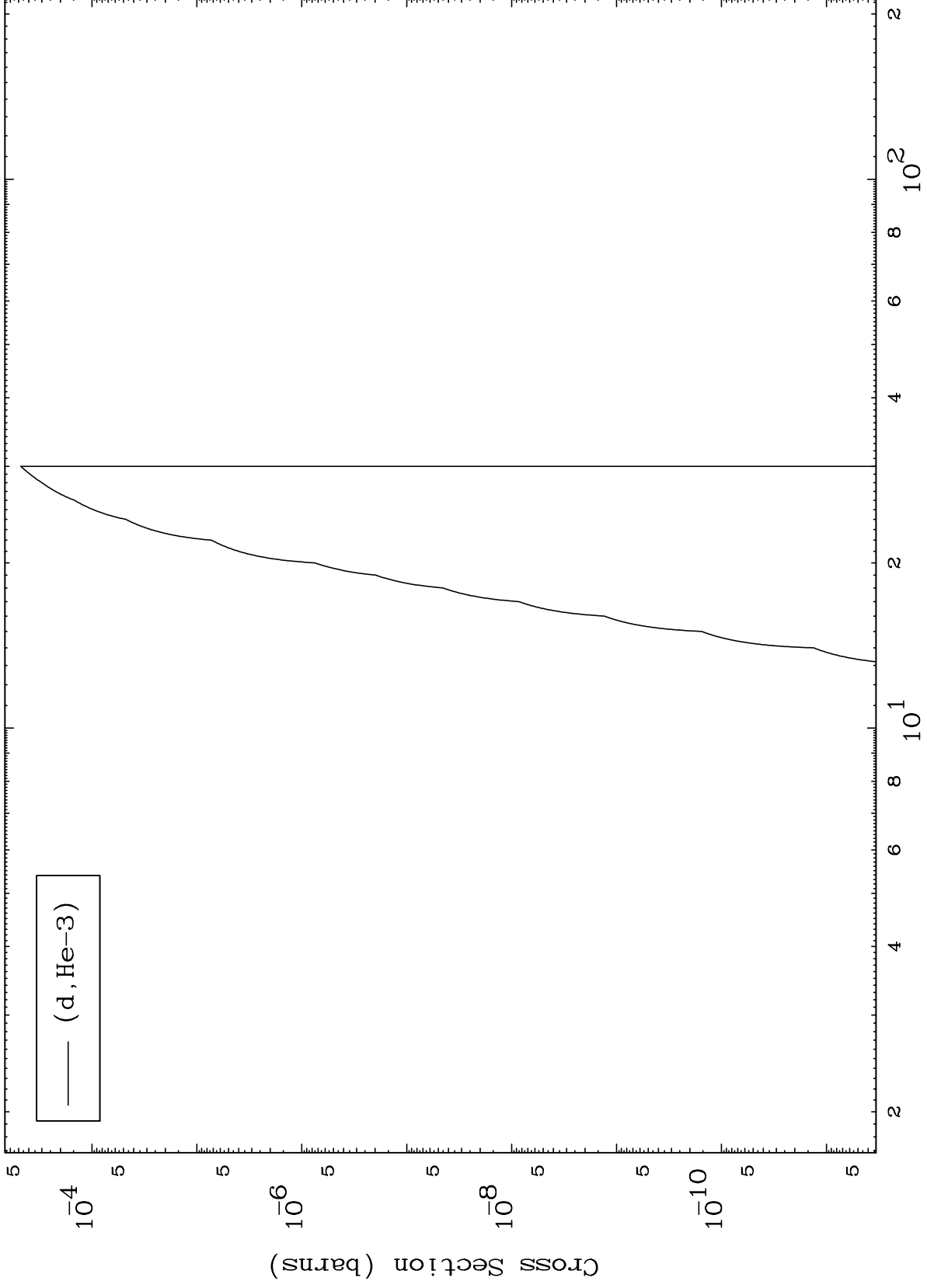
Incident Energy (MeV)

77-Ir-197

MAT 7743

(d,He3) Levels
0 Kelvin Cross Sections

77-Ir-197



10

Incident Energy (MeV)

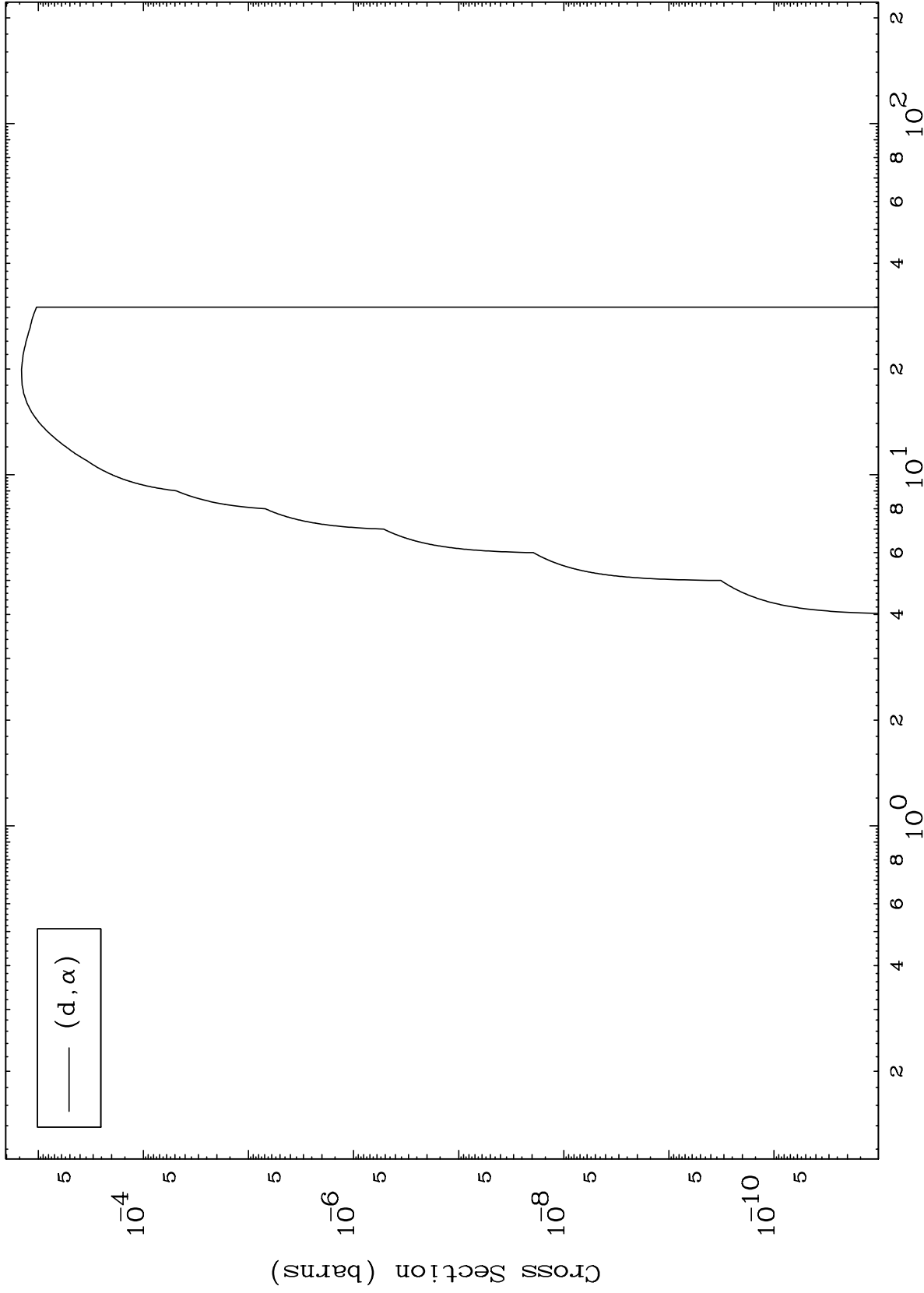
77-Ir-197

MAT 7743

(d, α) Levels

77-Ir-197

0 Kelvin Cross Sections

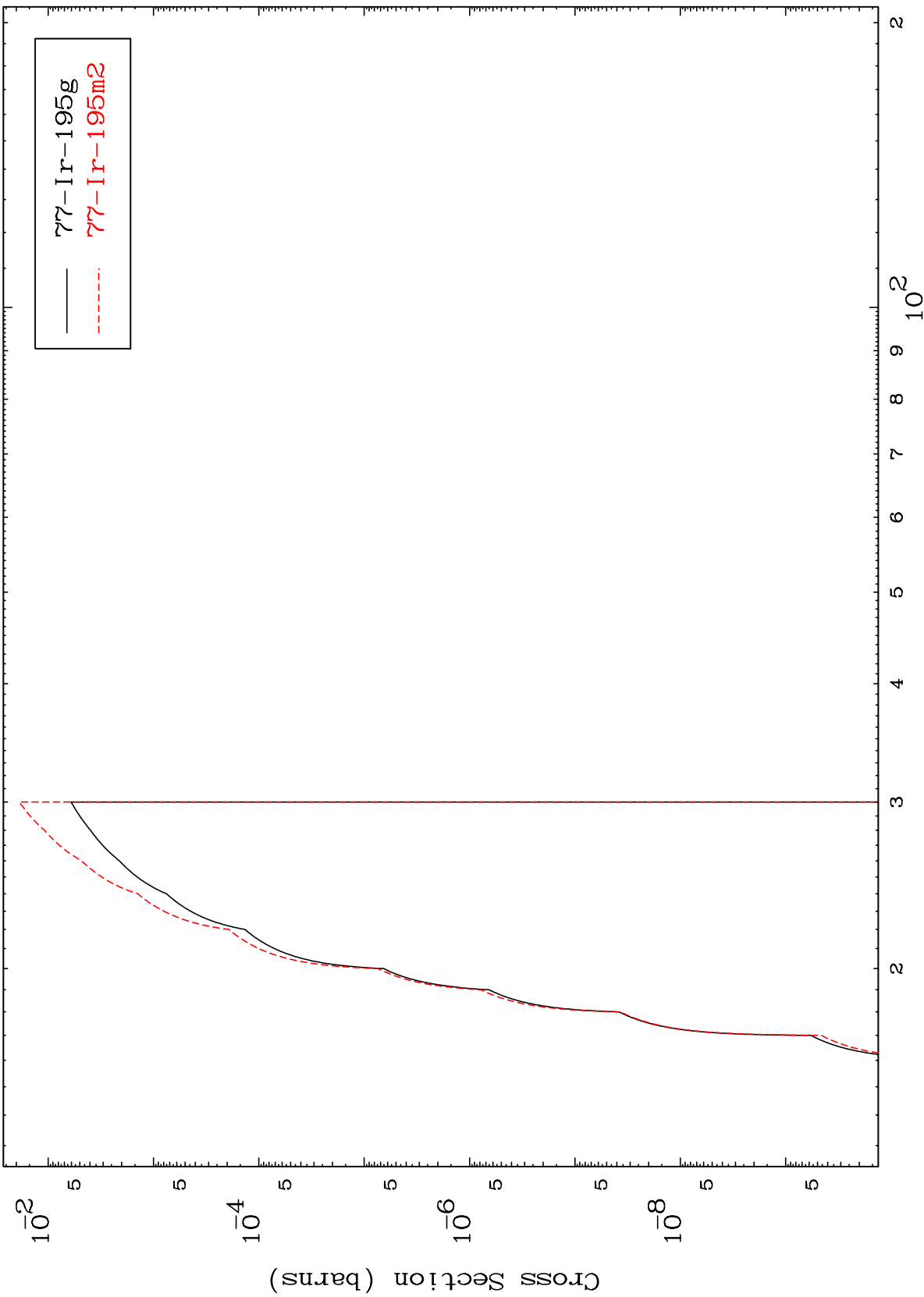


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(d,2n) d

77-Ir-197

Radionuclide Production Cross Section



12

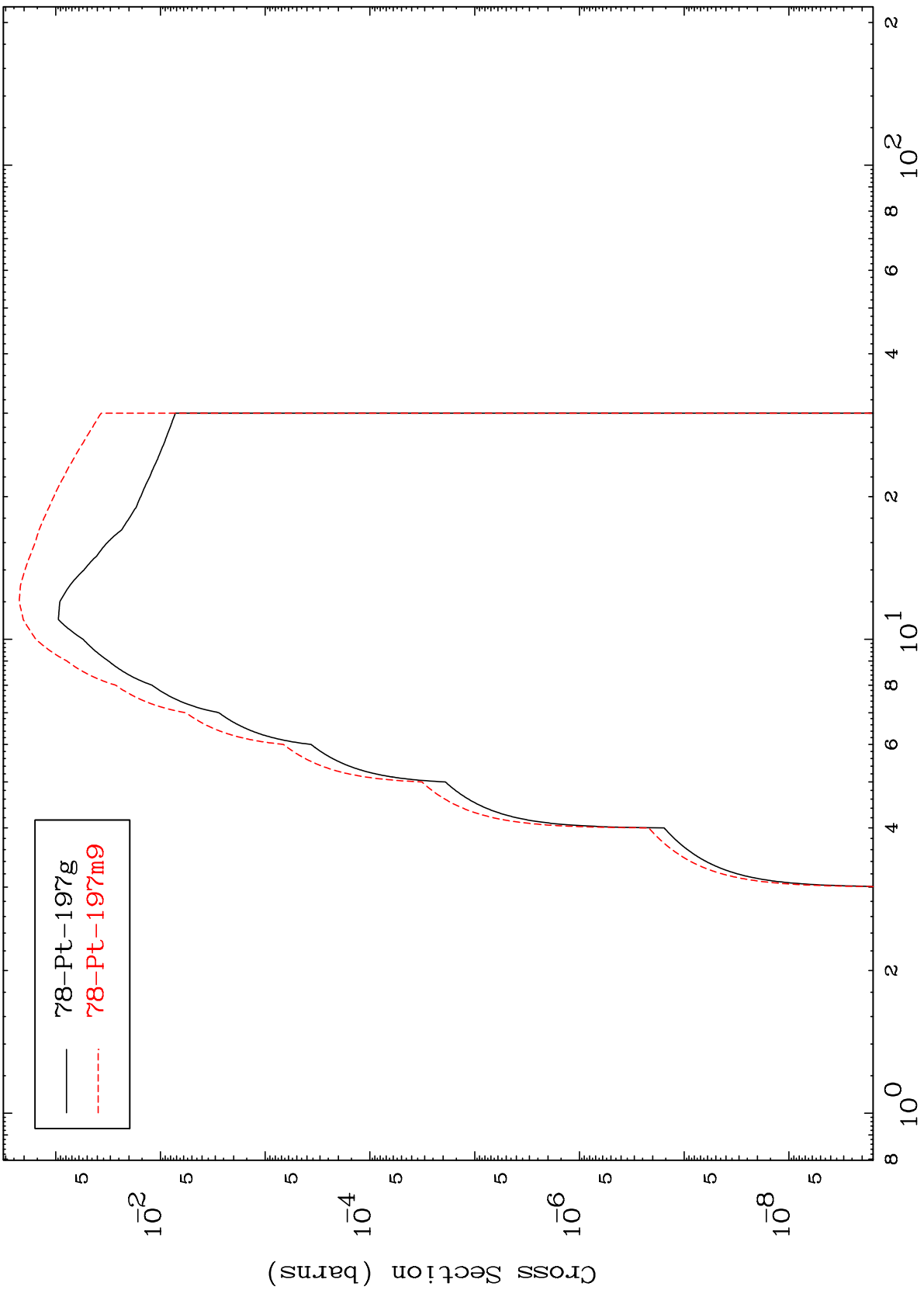
Incident Energy (MeV)

77-Ir-197

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77-Ir-197

Radionuclide Production Cross Section
(d,2n)



— 78-Pt-197g
- - - 78-Pt-197m9

Incident Energy (MeV)

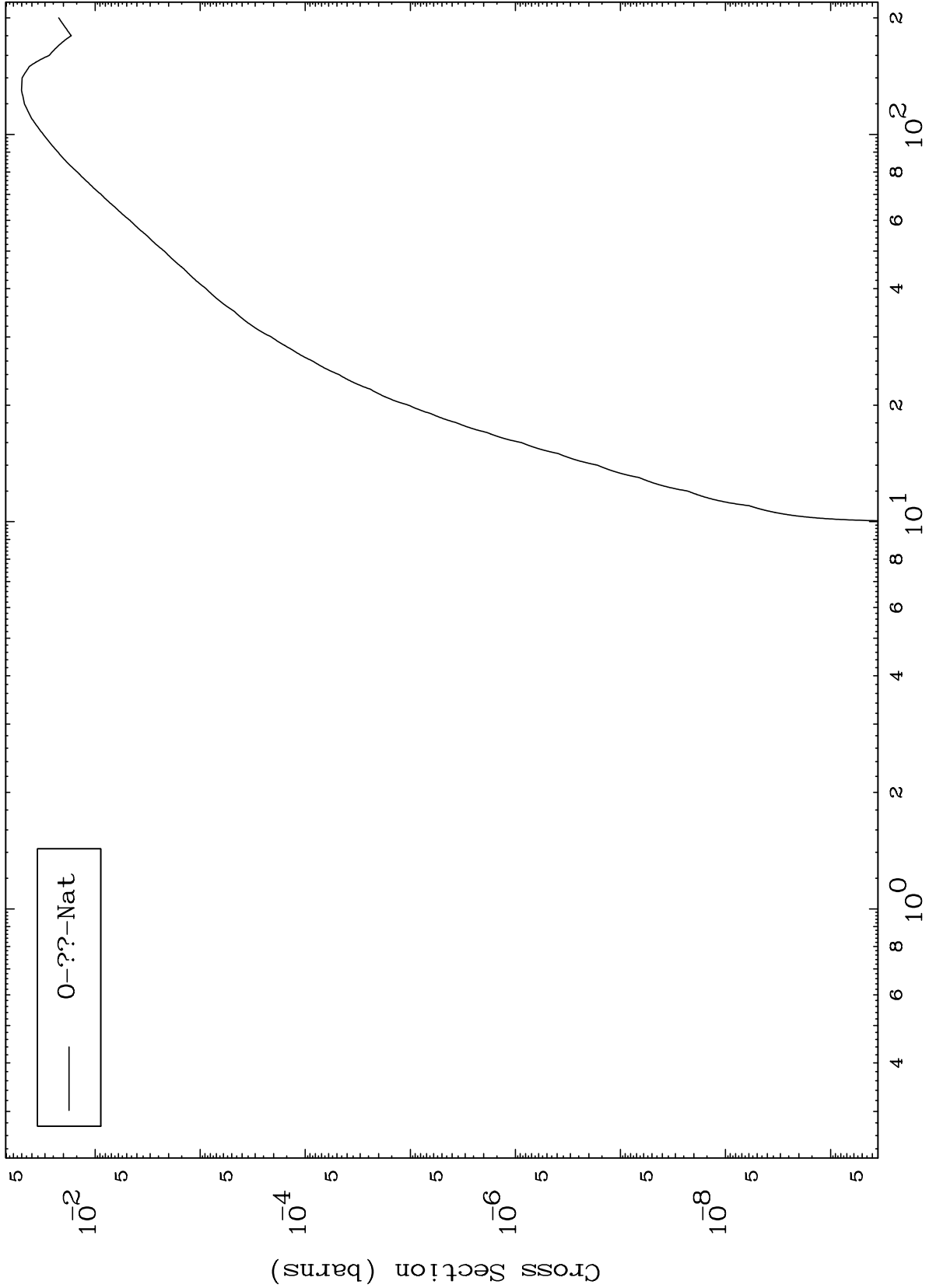
77-Ir-197

13

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Deuteron Fission
Radionuclide Production Cross Section

77-Ir-197

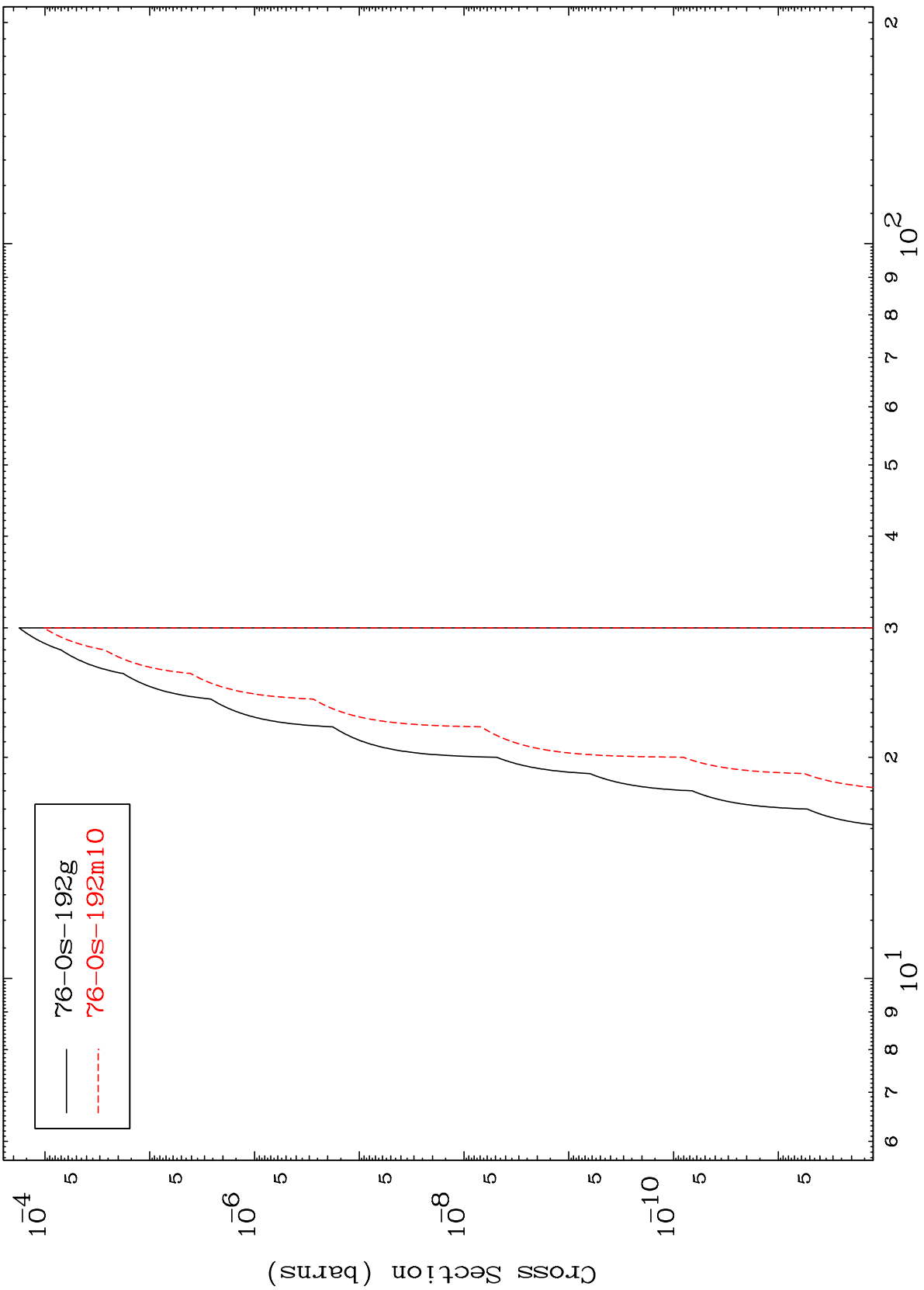


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$^{77}\text{Ir-197}$ α

$^{77}\text{Ir-197}$

Radionuclide Production Cross Section



— 76-Os-192g
- - - 76-Os-192m10

15

Incident Energy (MeV)

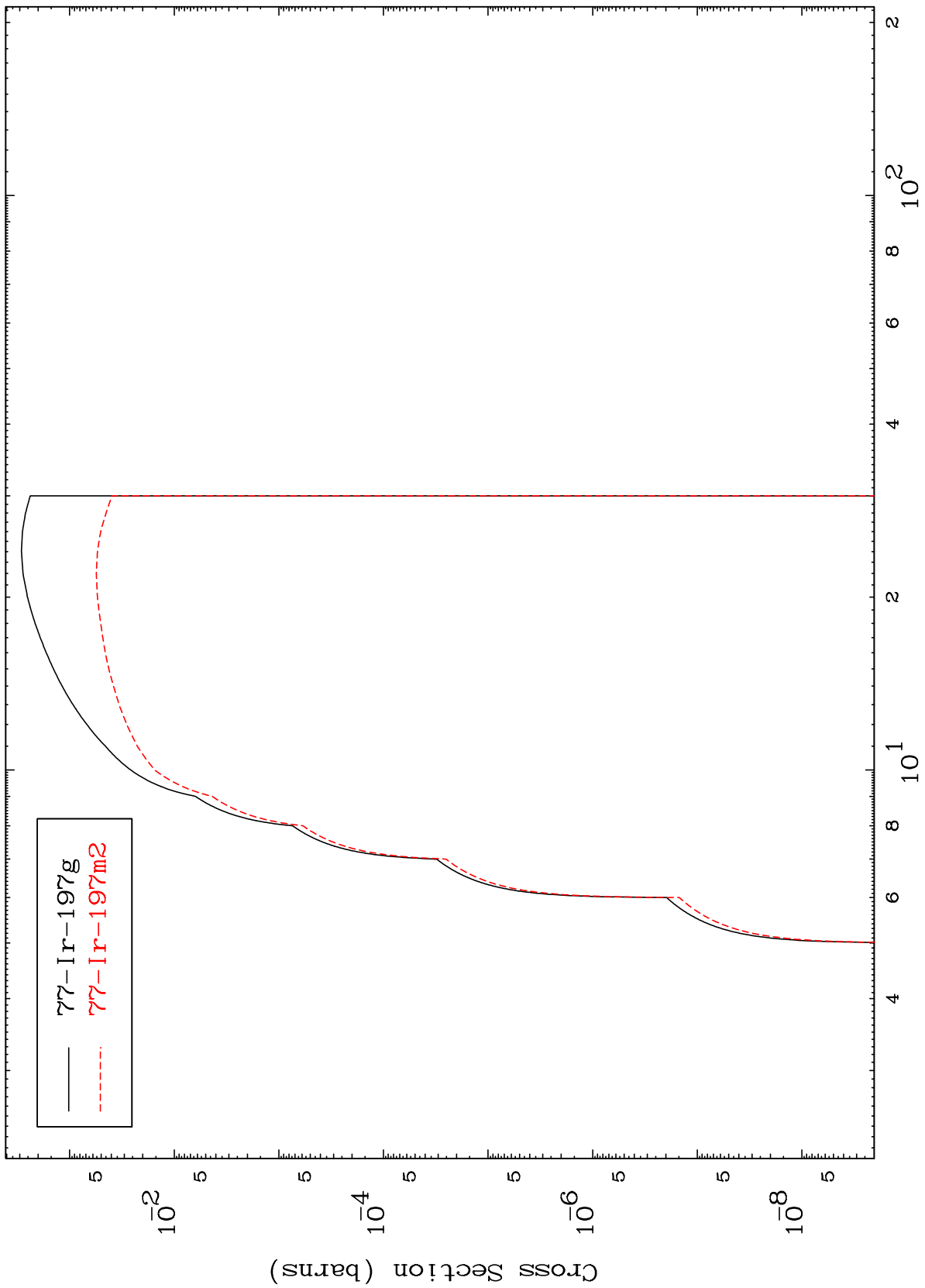
$^{77}\text{Ir-197}$

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(d,n') p

⁷⁷Ir-197

Radionuclide Production Cross Section

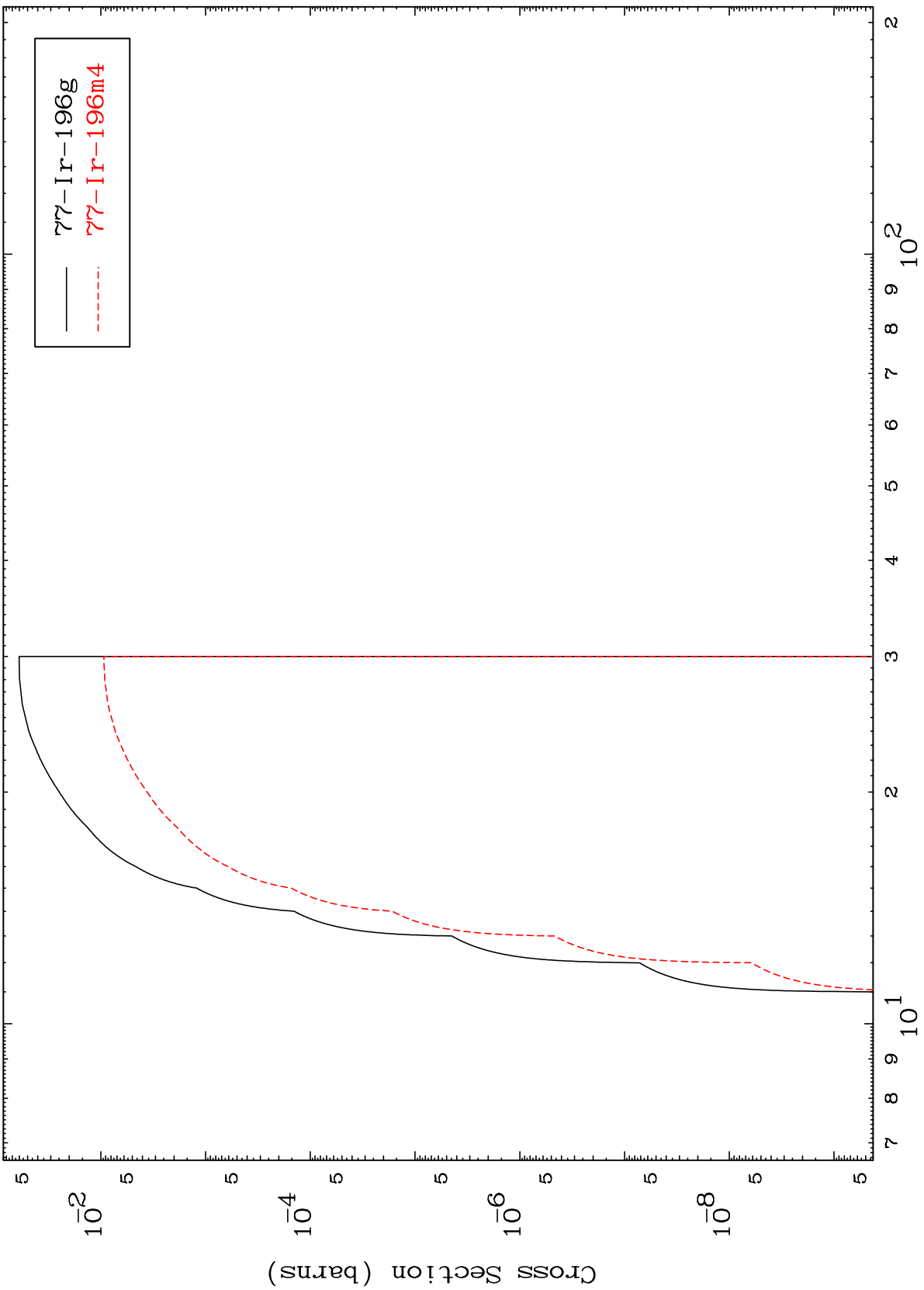


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(d,n') d

77-Ir-197

Radionuclide Production Cross Section



77-Ir-196g
77-Ir-196m4

17

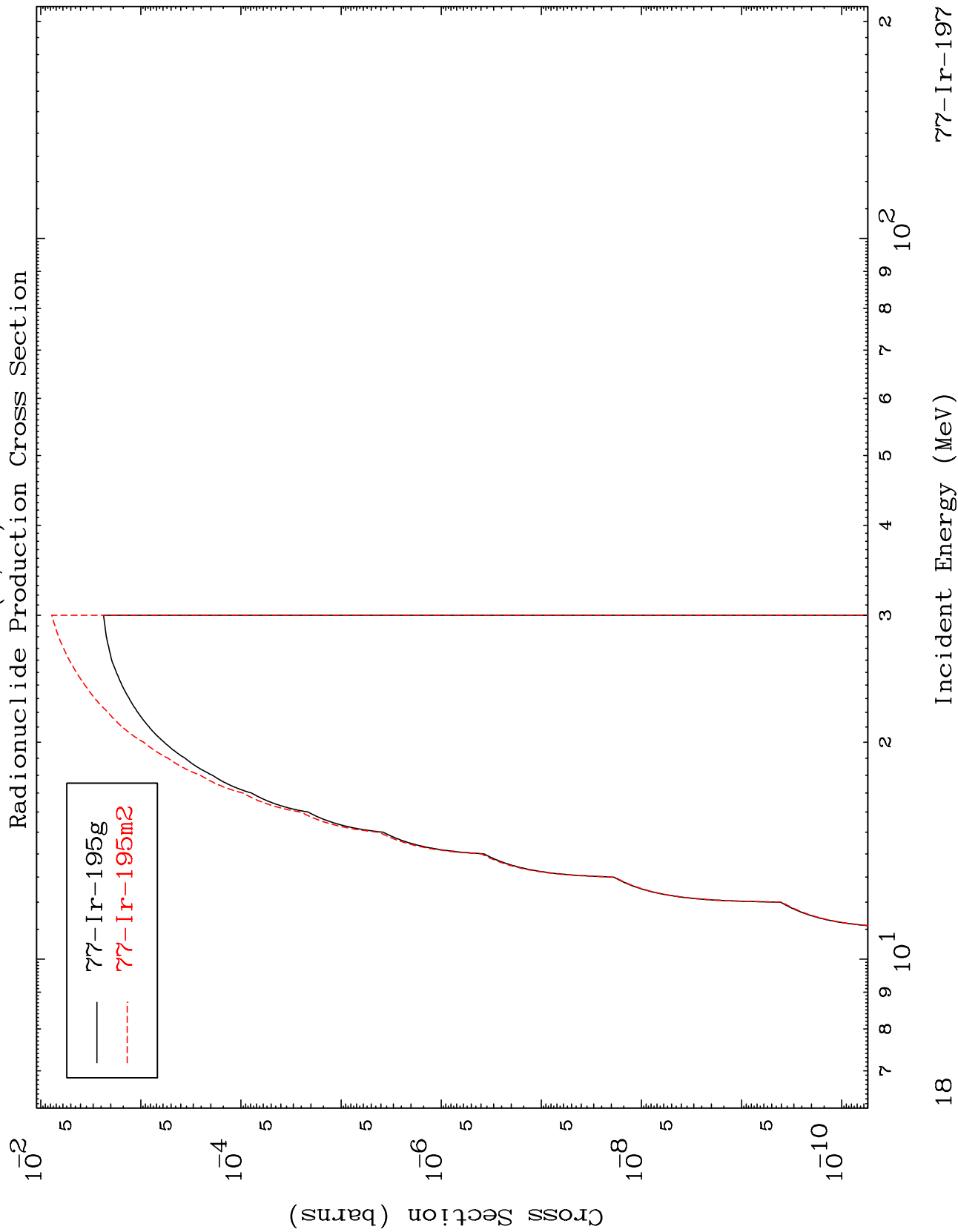
Incident Energy (MeV)

77-Ir-197

MAT 7743

(d,n') t

⁷⁷Ir-197



18

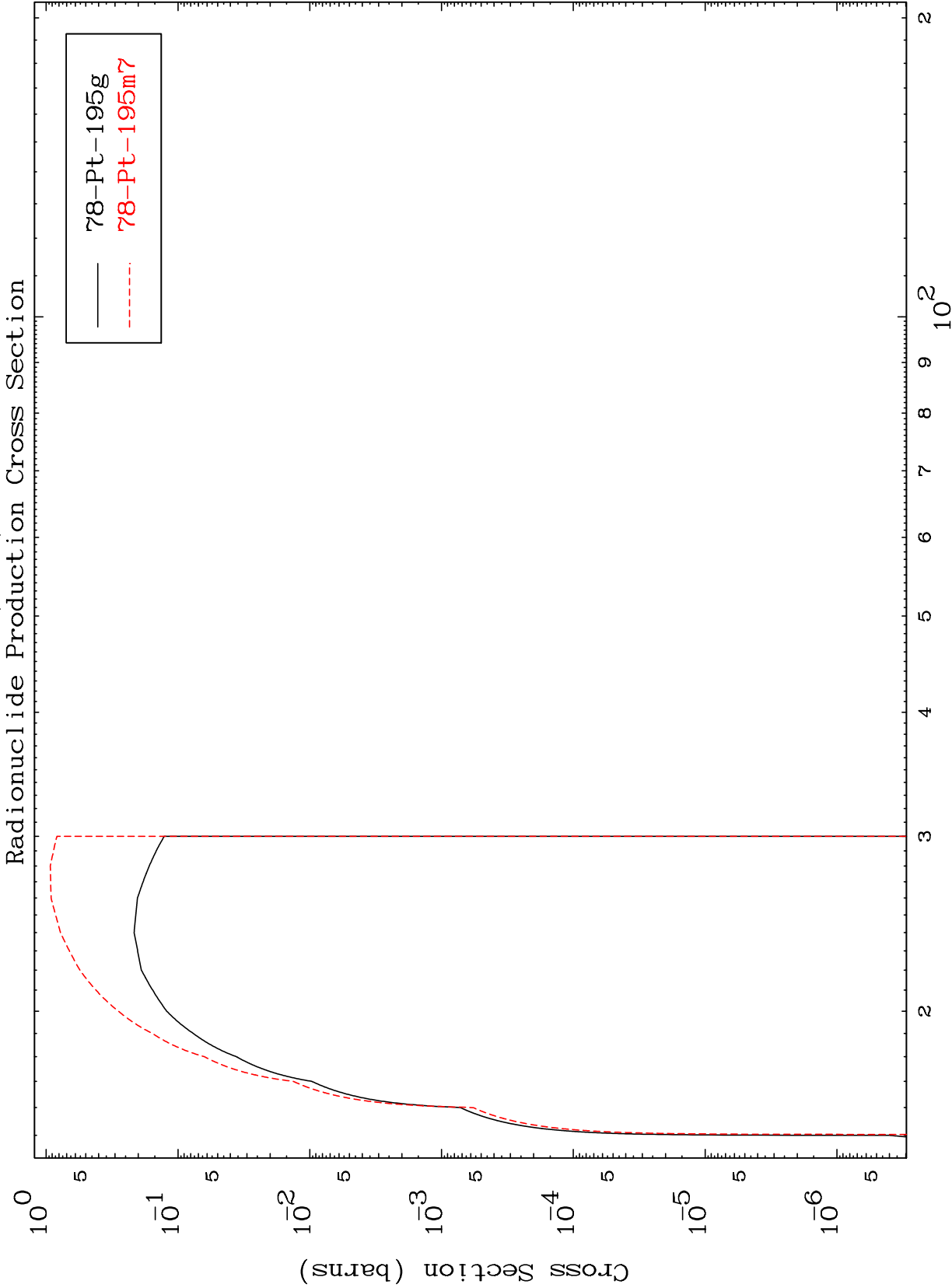
Incident Energy (MeV)

⁷⁷Ir-197

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(d,4n)

77-Ir-197



19

Incident Energy (MeV)

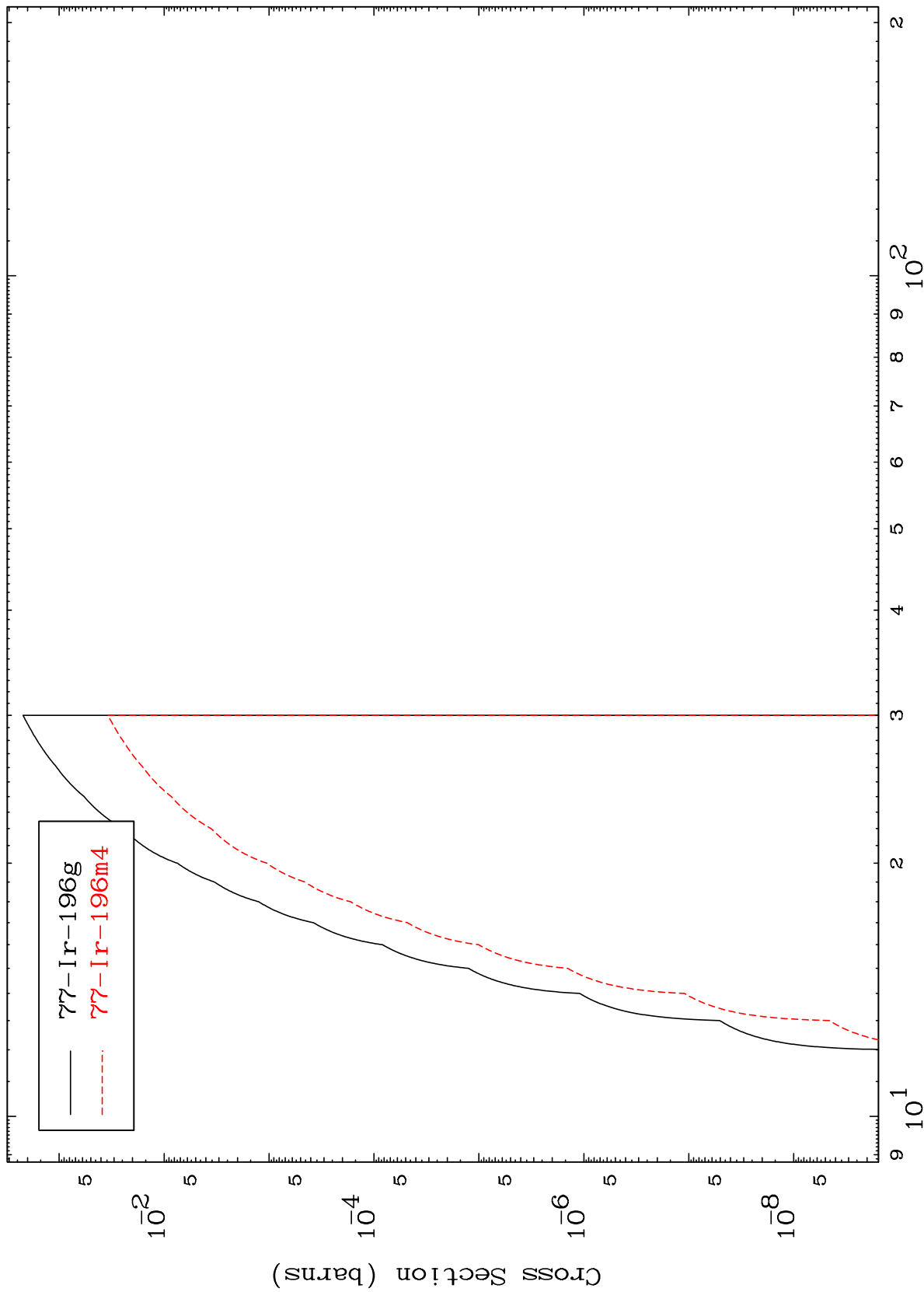
77-Ir-197

MAT 7743

(d,2n) p

⁷⁷Ir-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

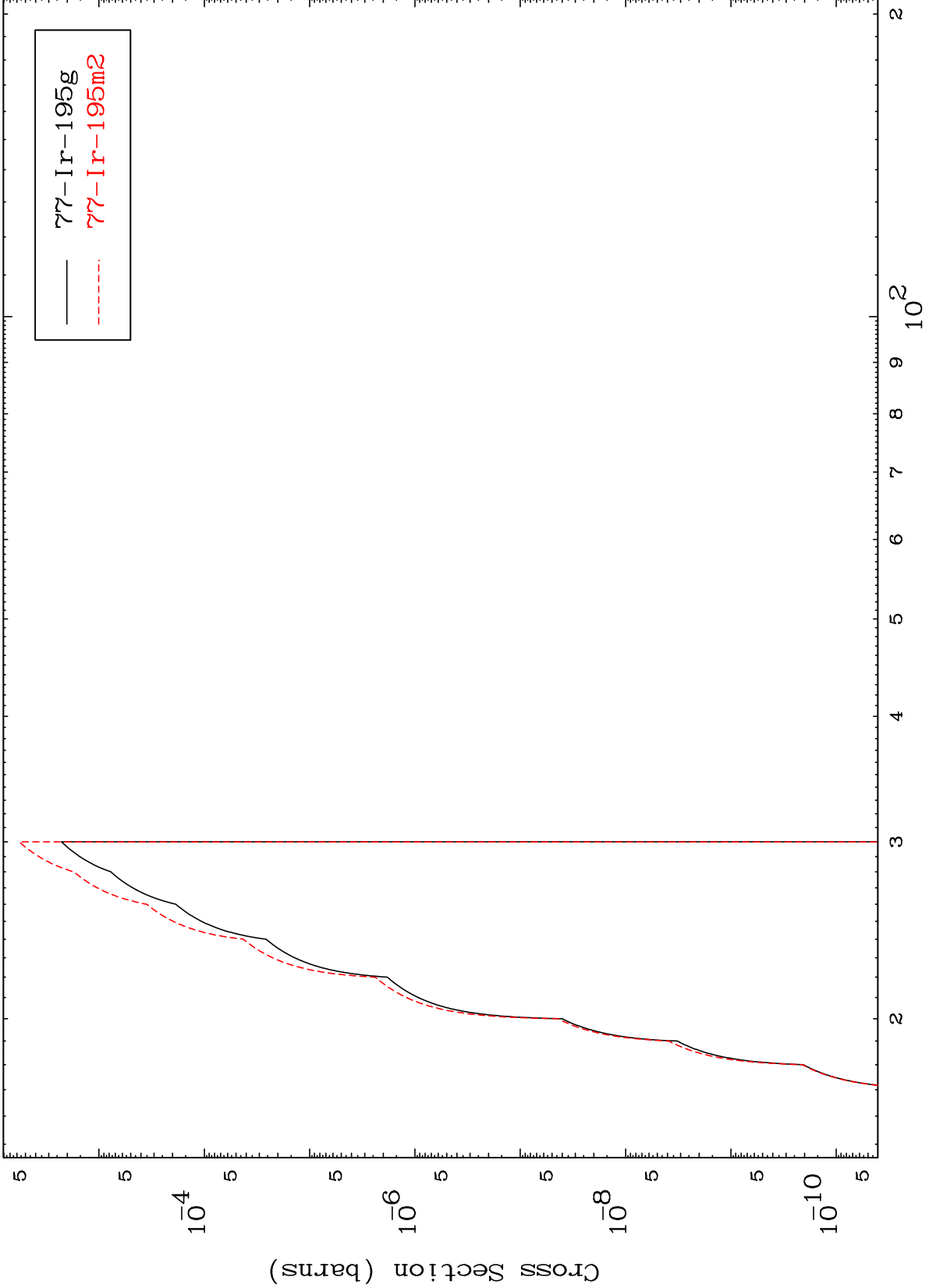
⁷⁷Ir-197

MAT 7743

(d,3n) p

77-Ir-197

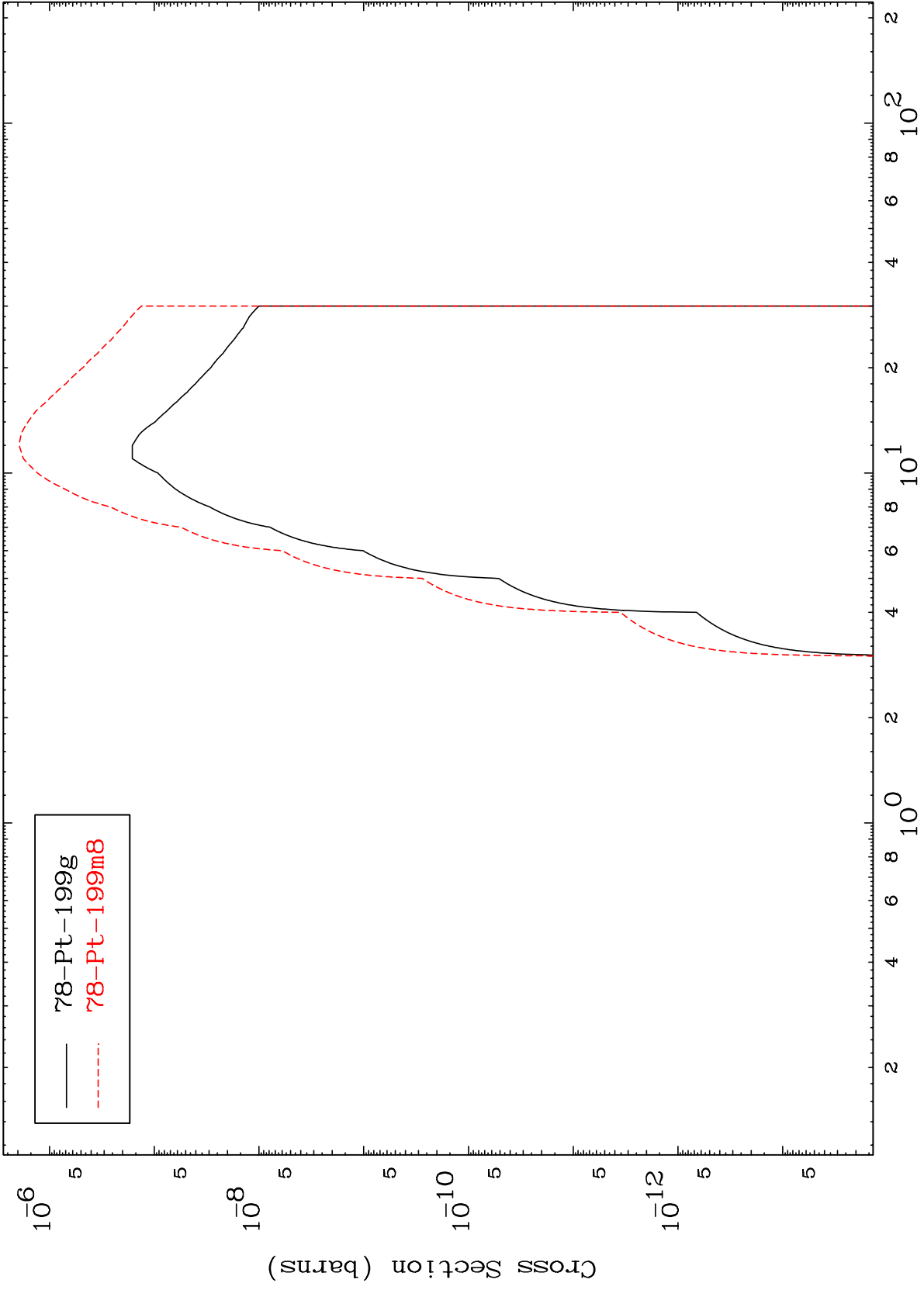
Radionuclide Production Cross Section



MAT 7743

77-Ir-197

(d, γ)
Radionuclide Production Cross Section



22

77-Ir-197

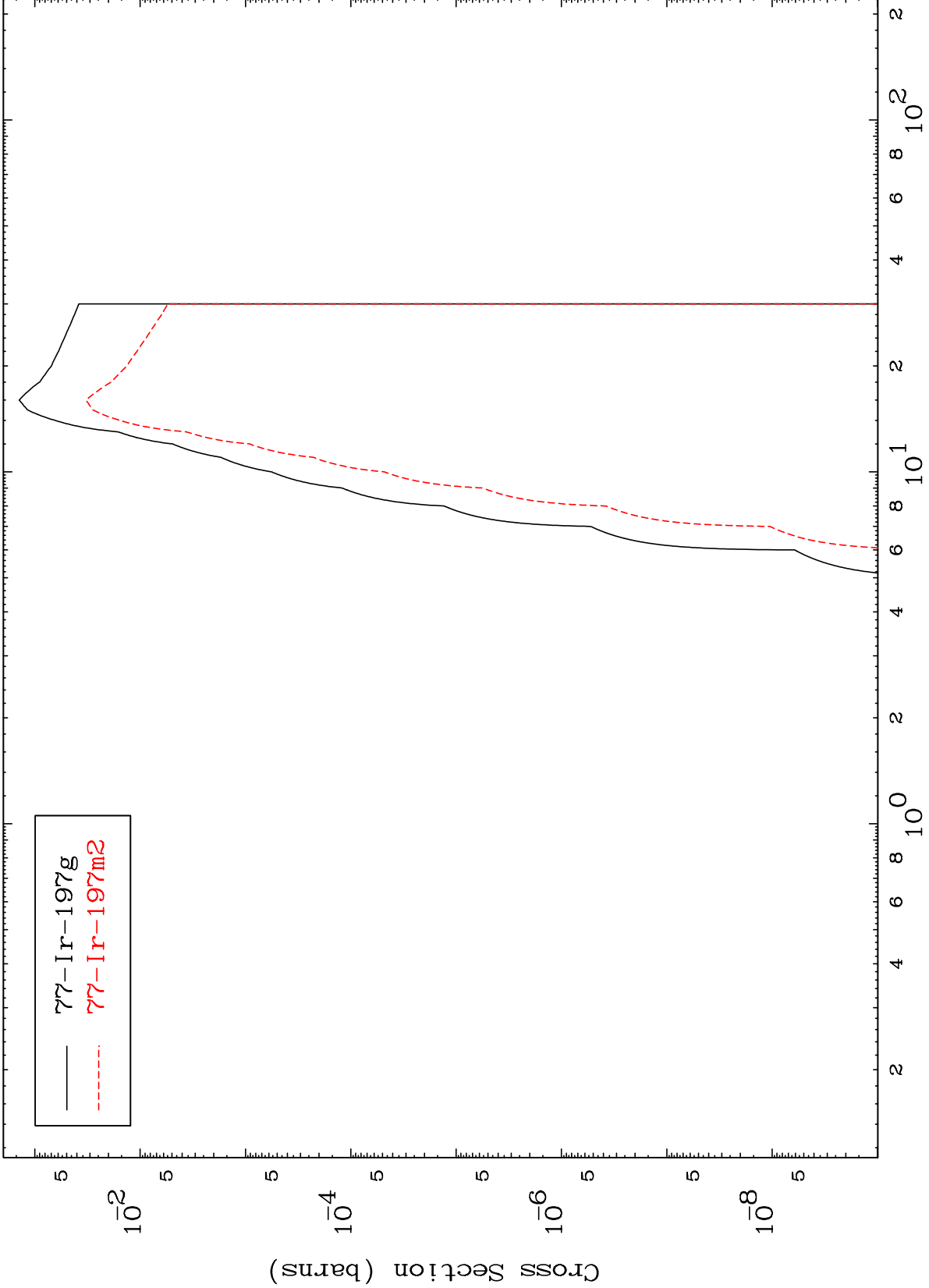
Incident Energy (MeV)

MAT 7743

(d,d)

⁷⁷Ir-197

Radionuclide Production Cross Section



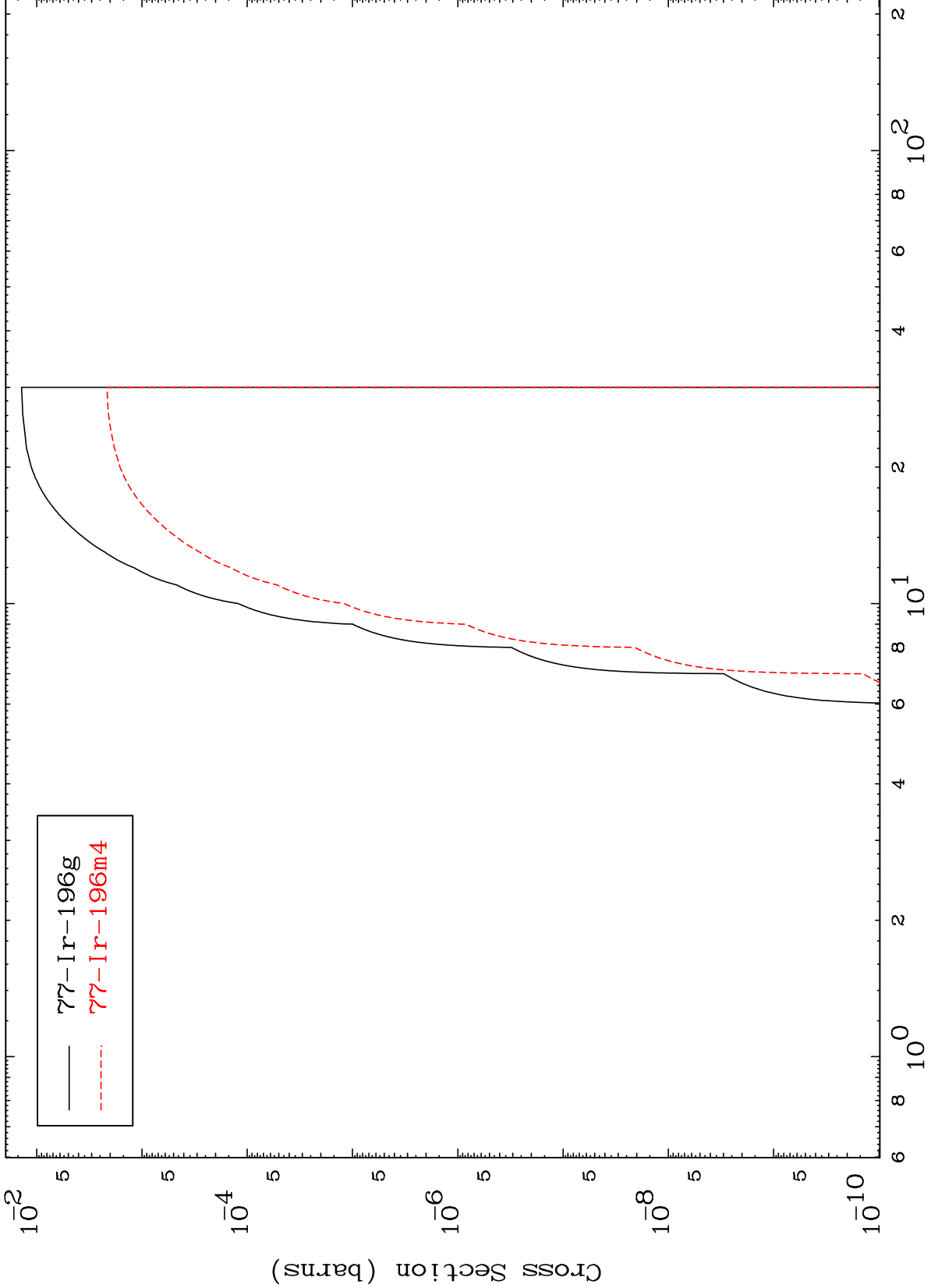
— ⁷⁷Ir-197g
- - - ⁷⁷Ir-197m2

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(d, t)

⁷⁷Ir-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

⁷⁷Ir-197