

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

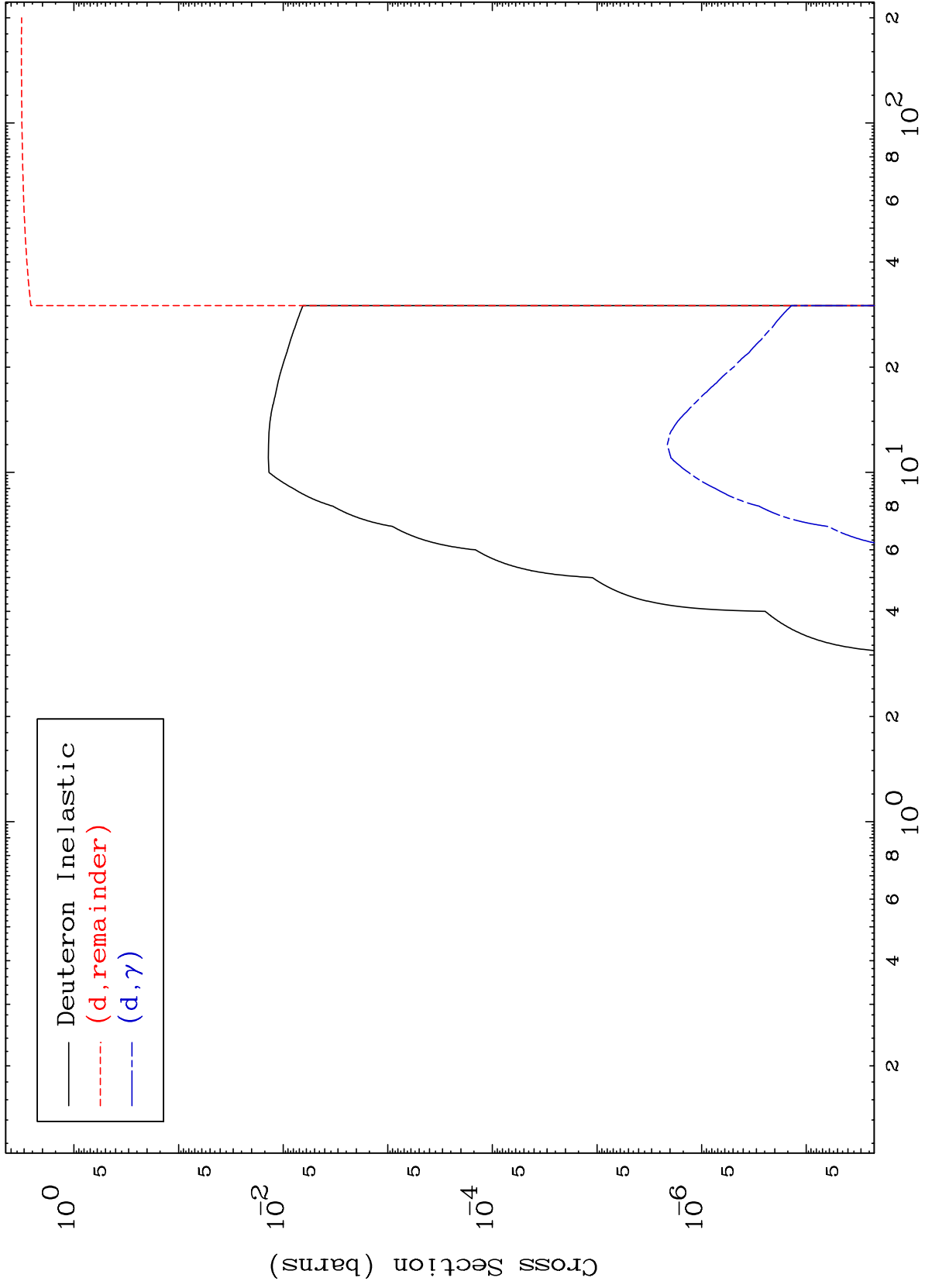
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Web: redcullen1.net/HOMEPAGE.NEW

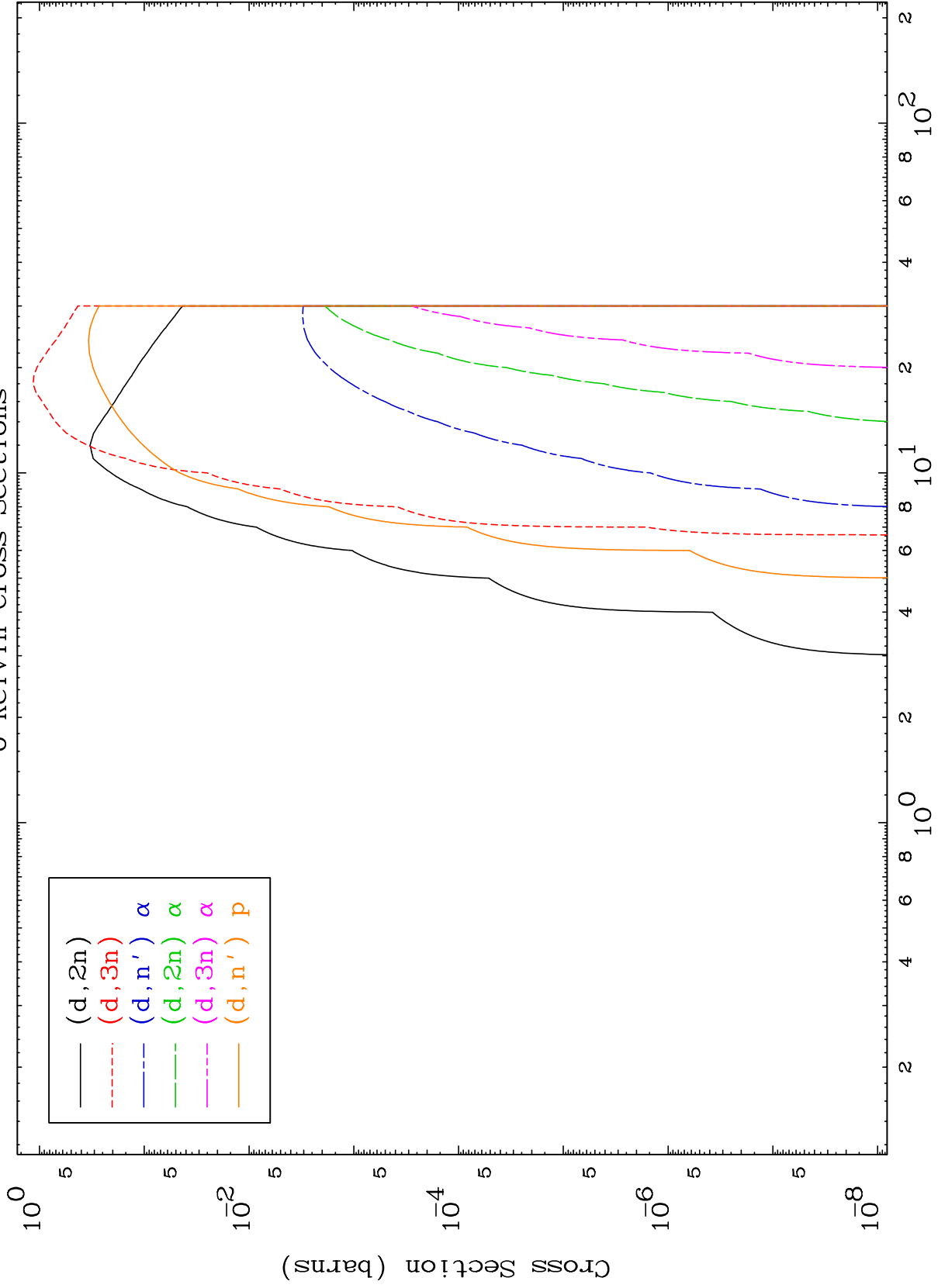
Press Mouse Button to Start



MAT 7744

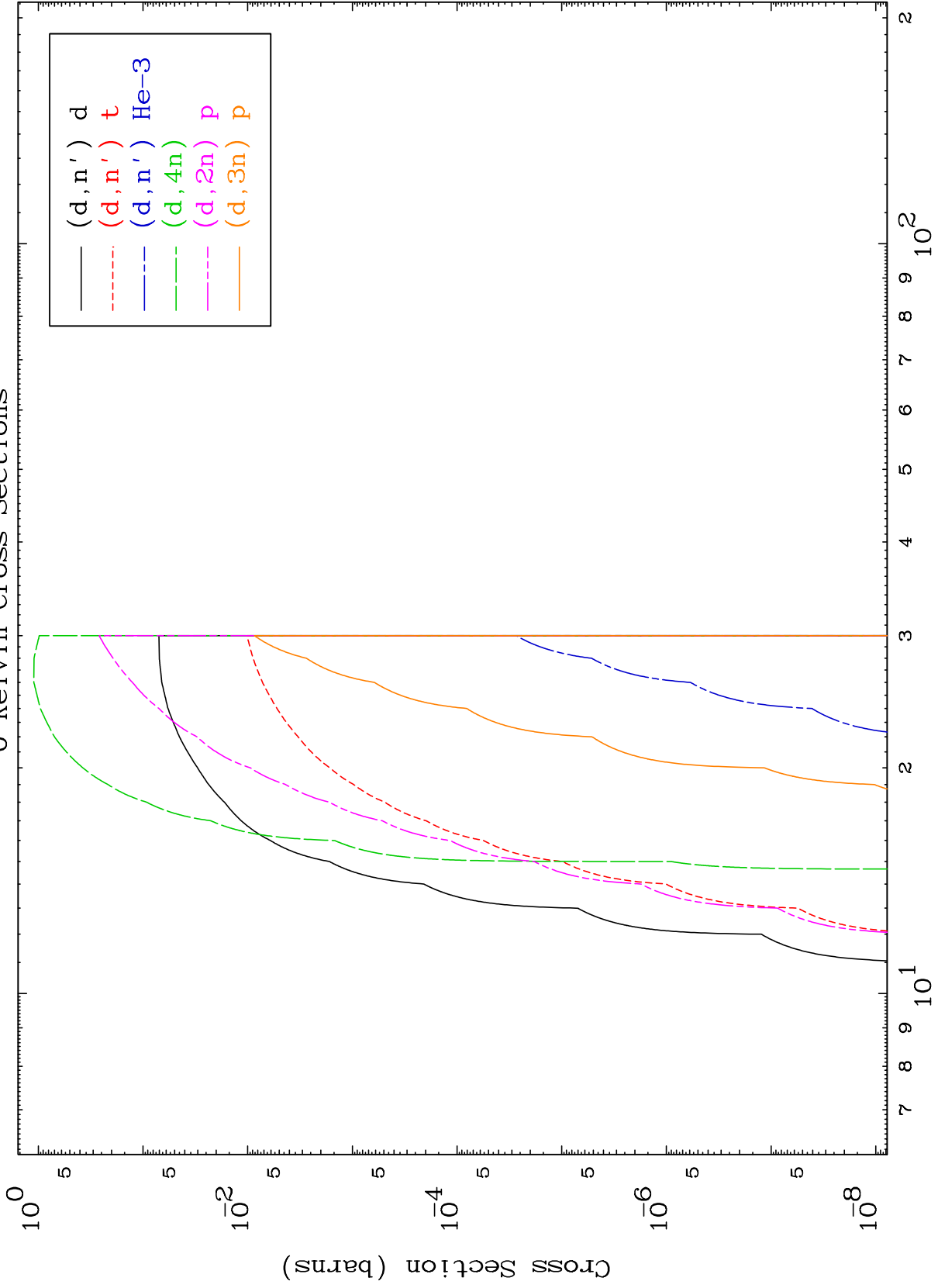
Deuteron Neutron Production
0 Kelvin Cross Sections

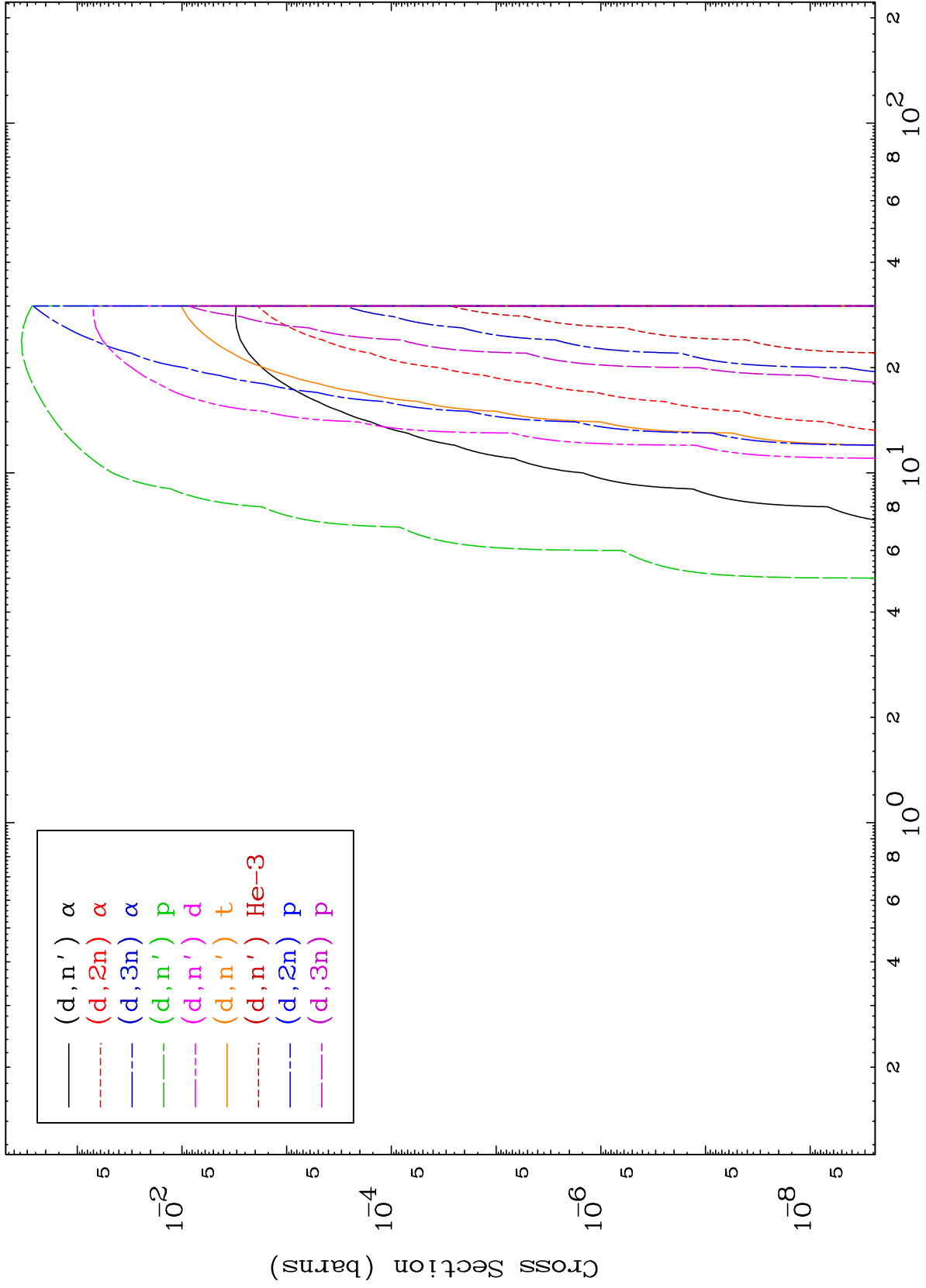
77-Ir-197

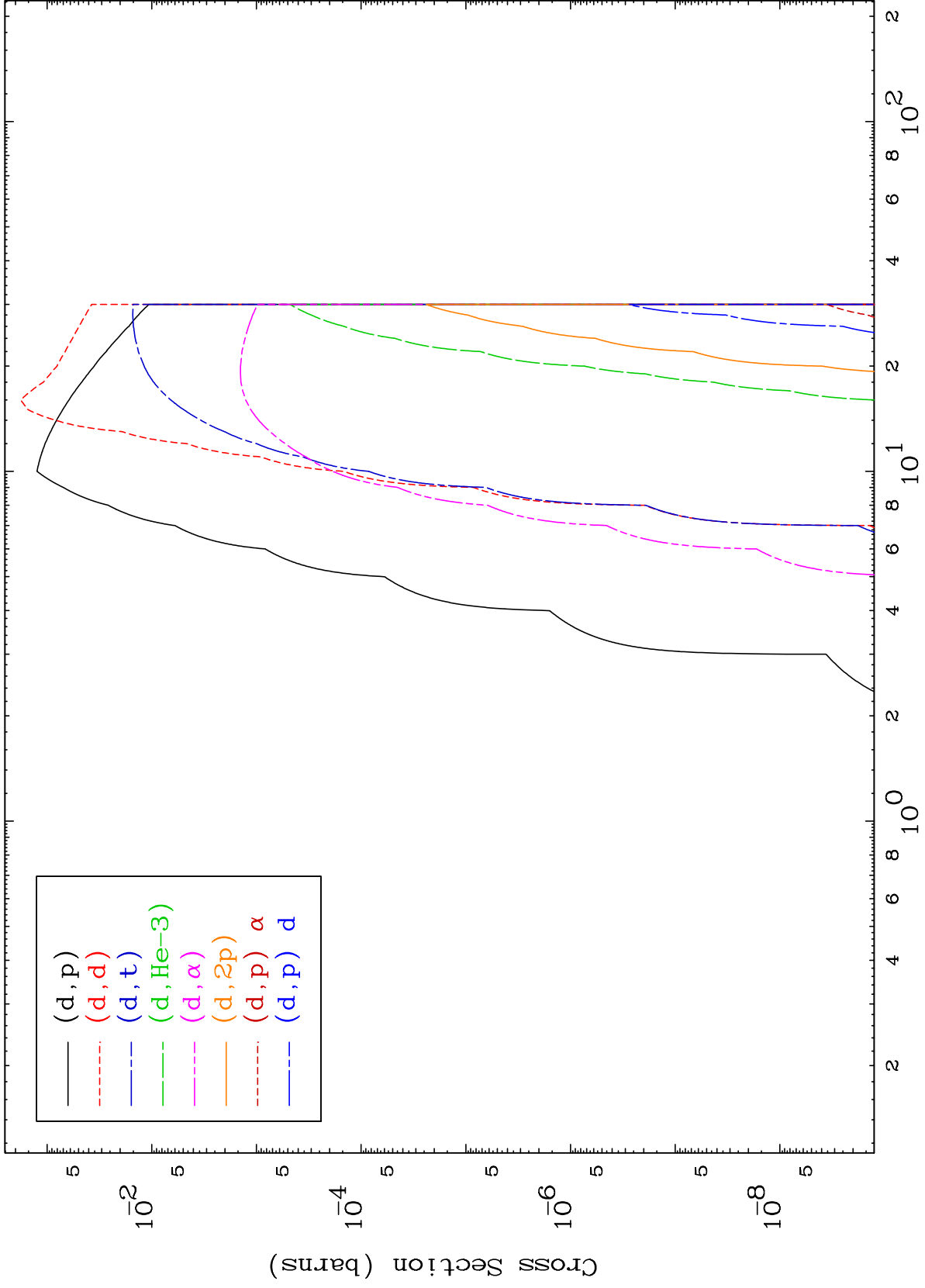


Incident Energy (MeV)

77-Ir-197





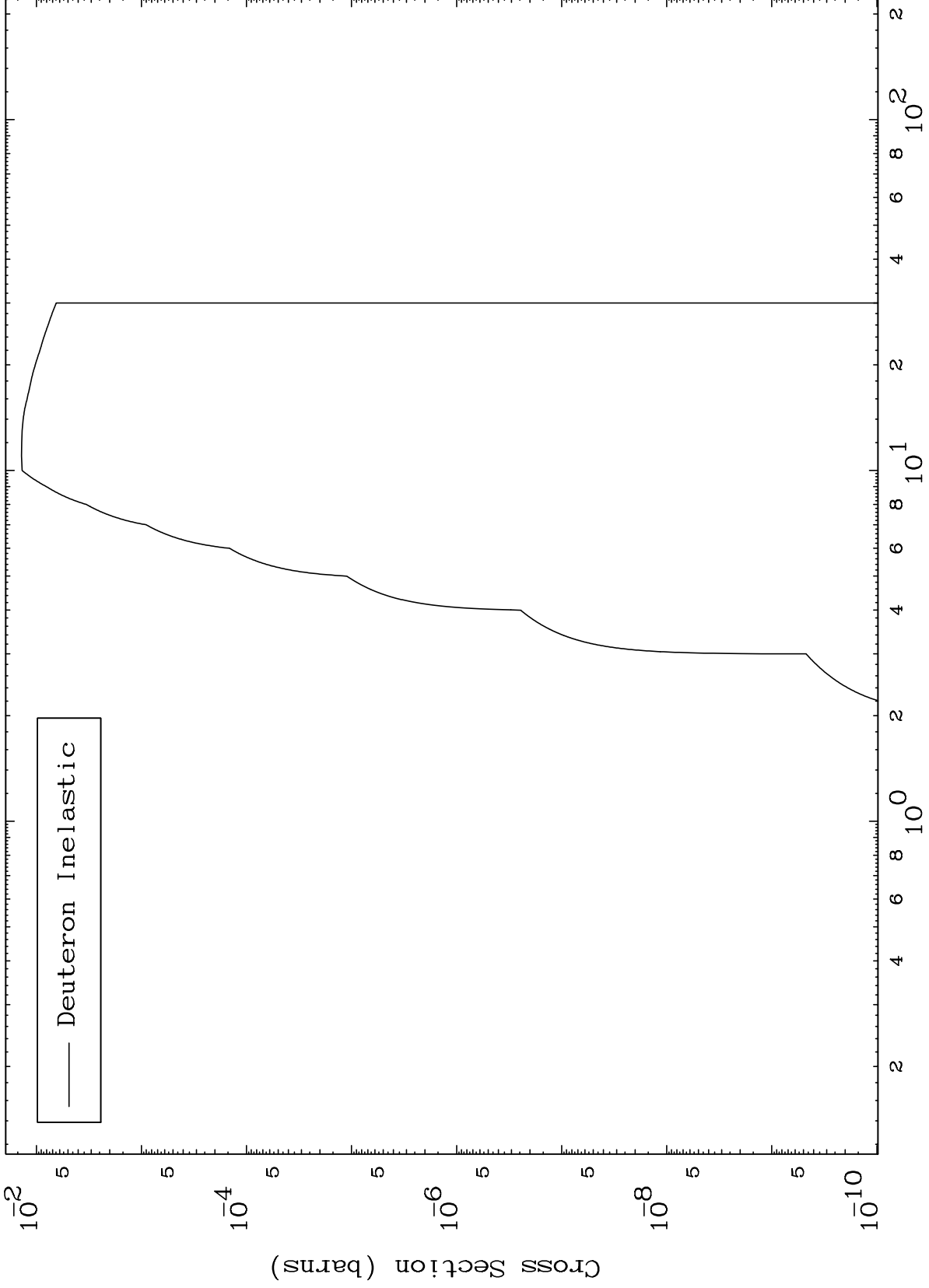


MAT 7744

(d,n') Level

77-Ir-197

0 Kelvin Cross Sections



6

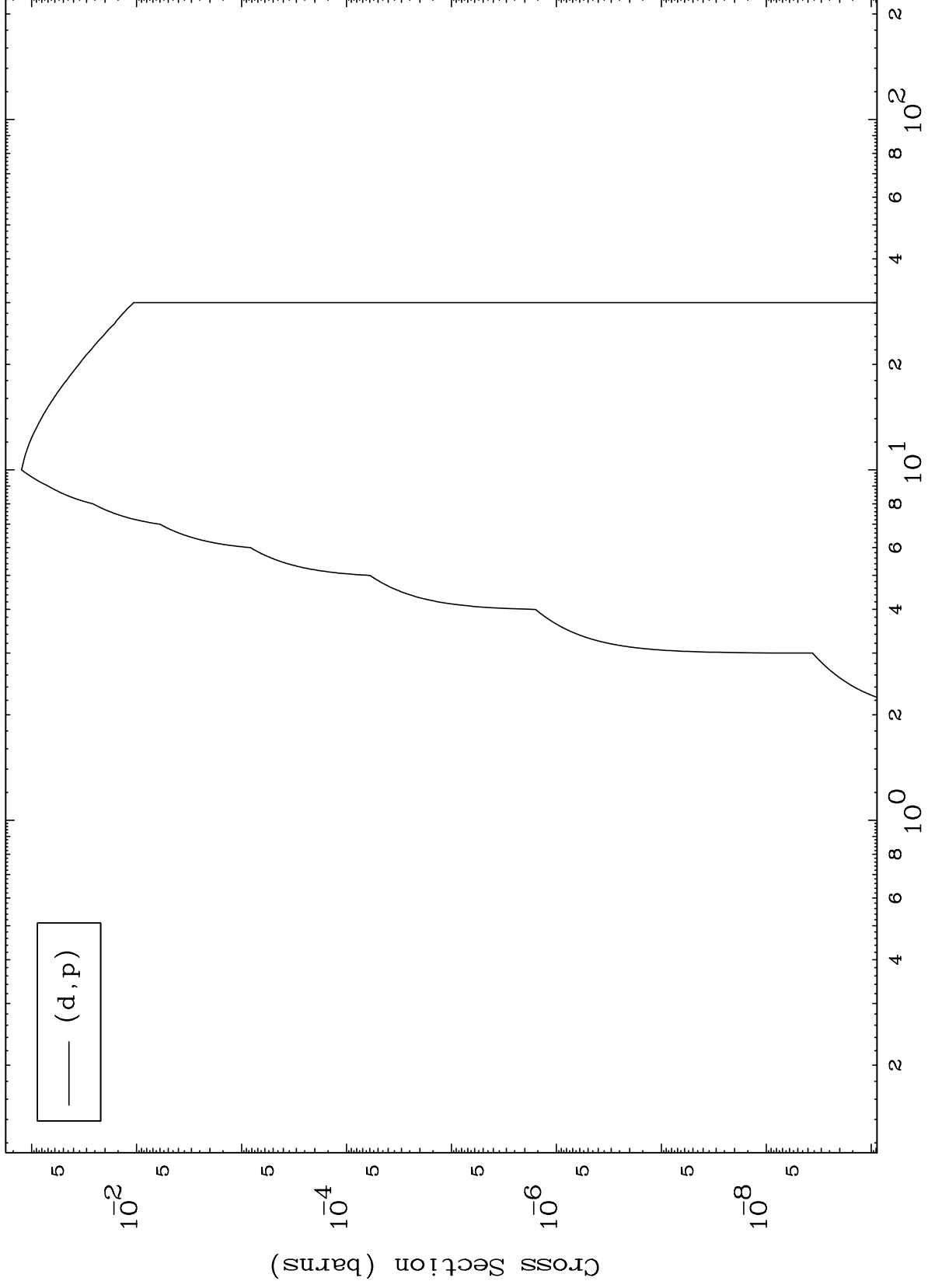
Incident Energy (MeV)

77-Ir-197

MAT 7744

(d,p) Levels
0 Kelvin Cross Sections

77-Ir-197



(d,p)

Incident Energy (MeV)

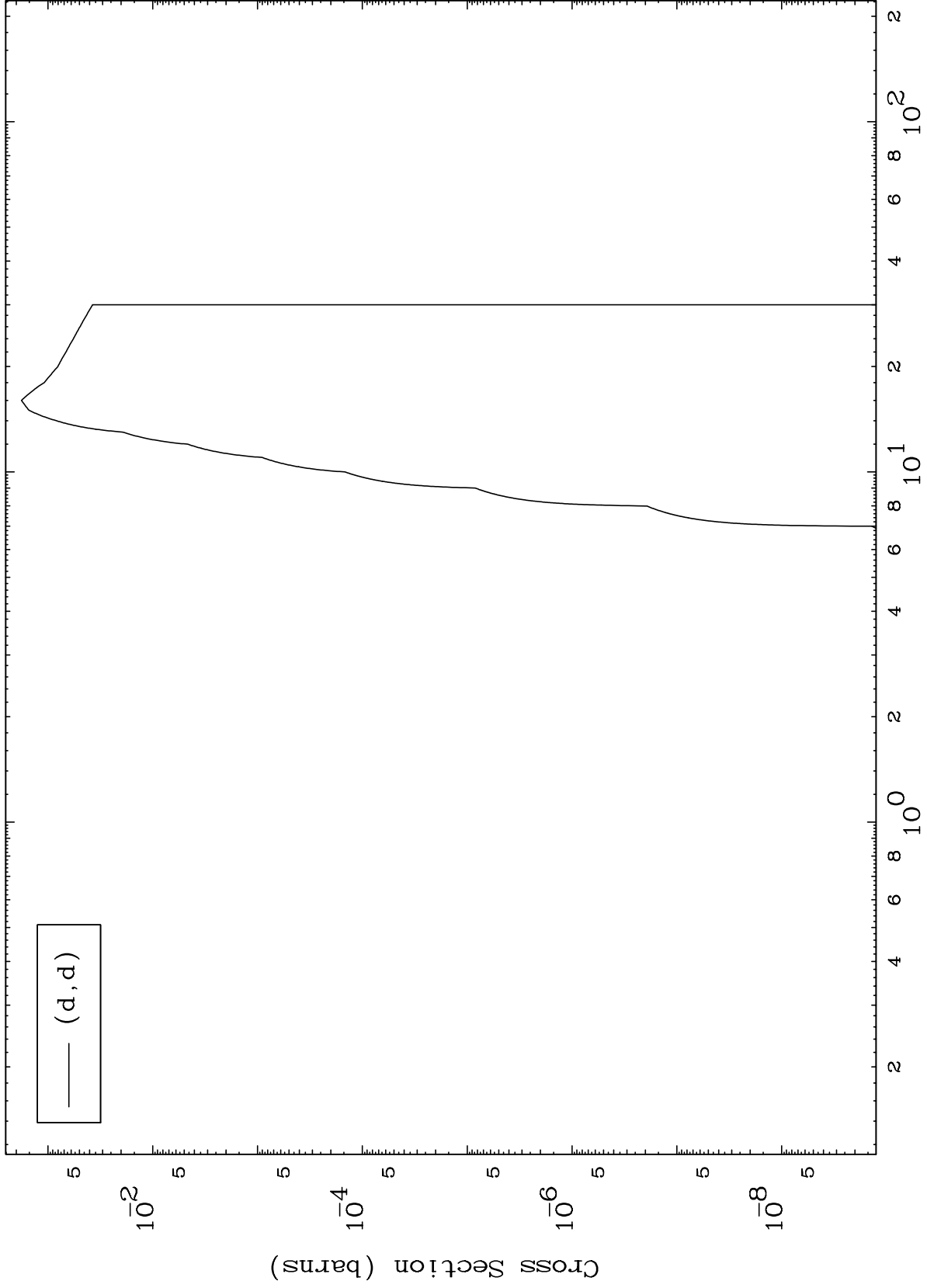
77-Ir-197

MAT 7744

(d,d) Levels

77-Ir-197

0 Kelvin Cross Sections

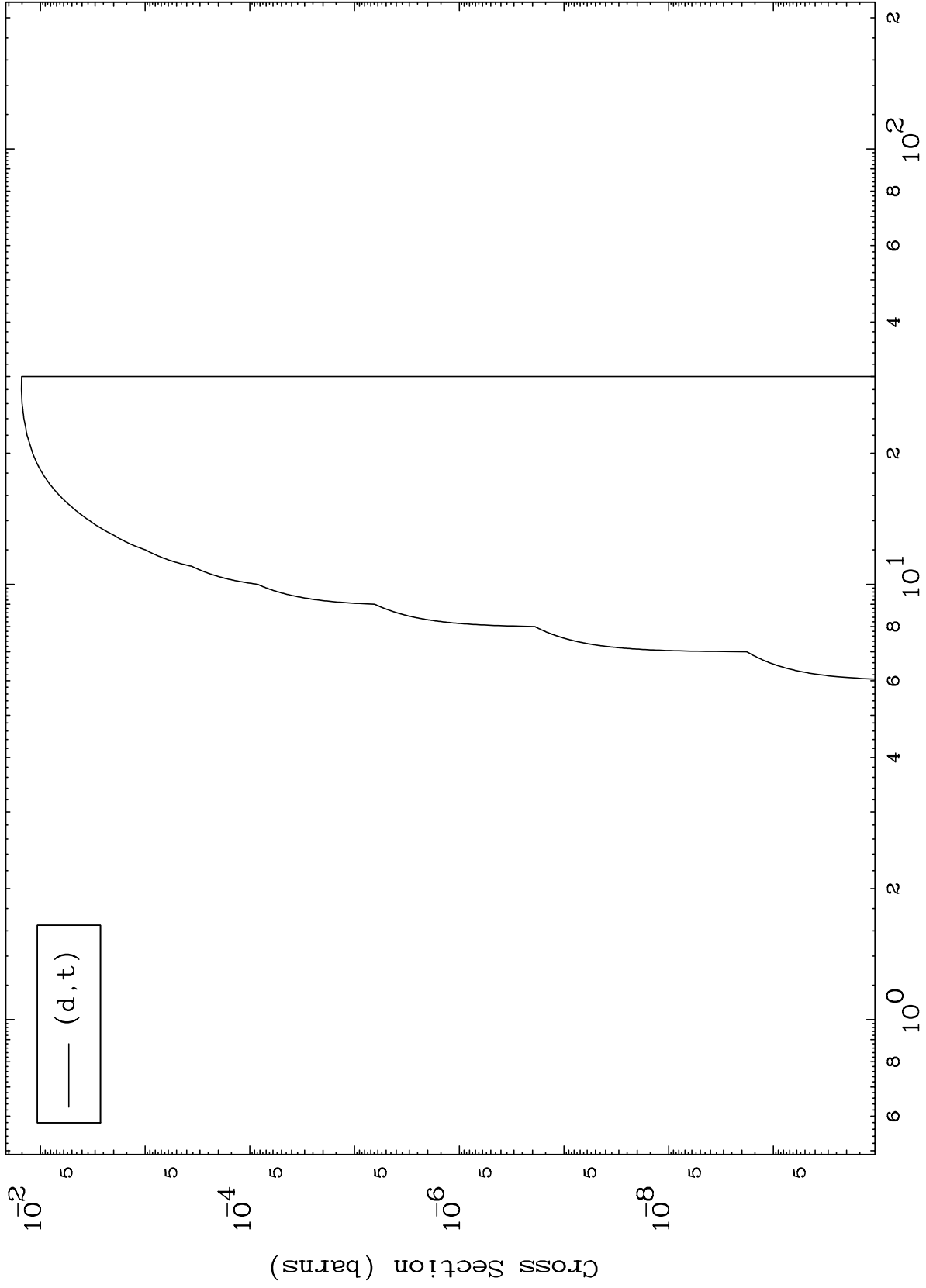


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(d,t) Levels

77-Ir-197

0 Kelvin Cross Sections

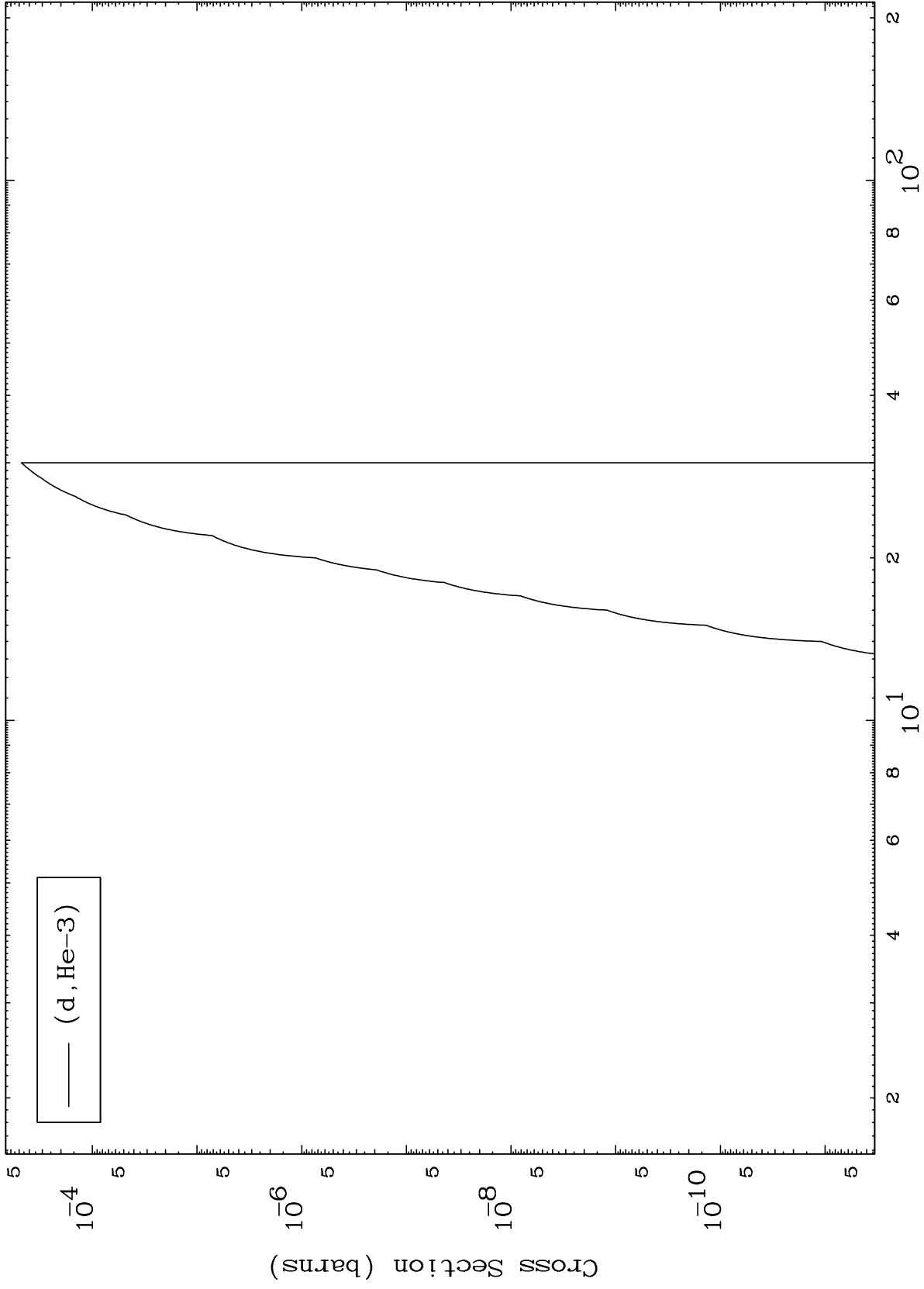


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(d,He3) Levels

77-Ir-197

0 Kelvin Cross Sections



10

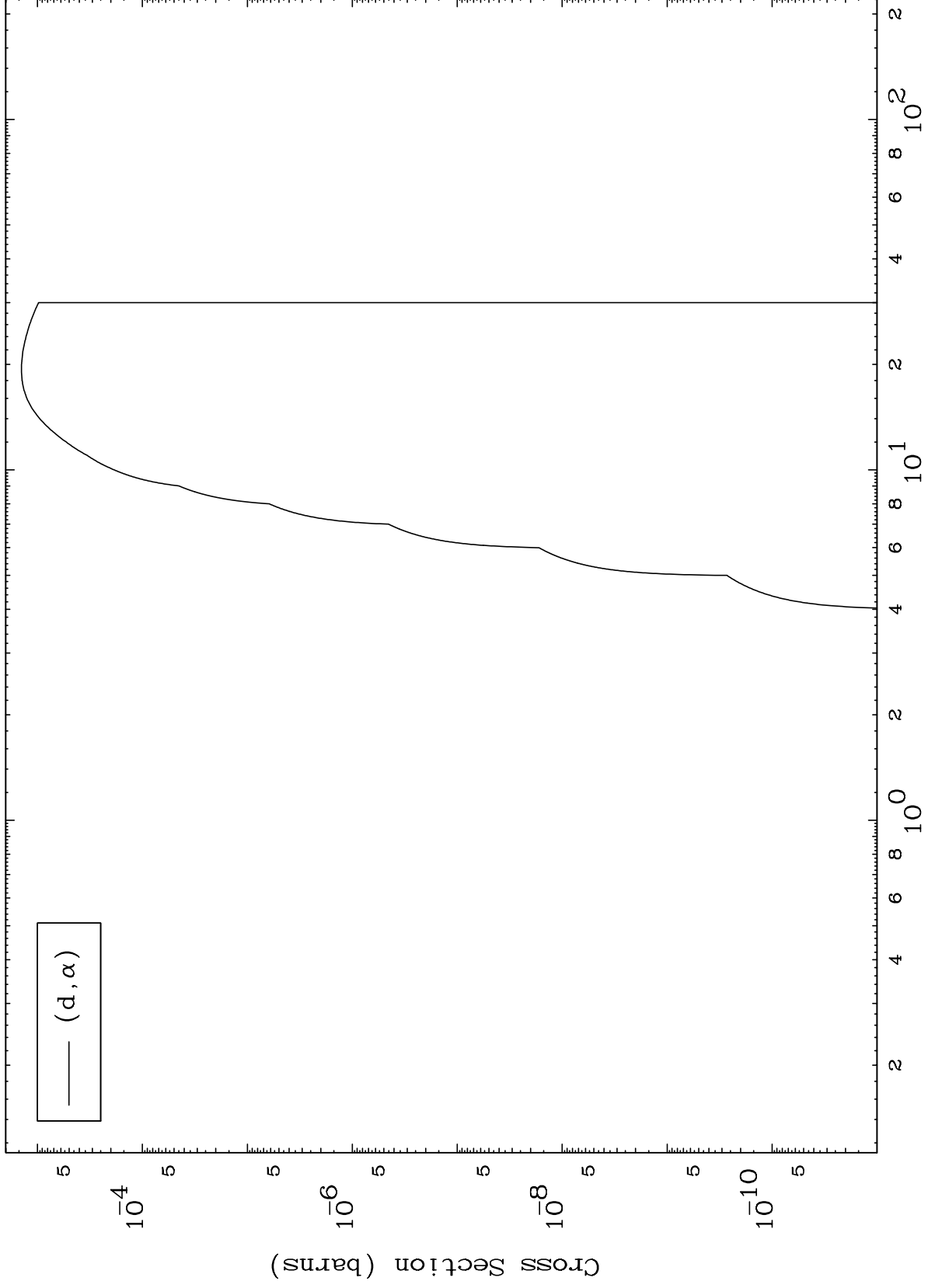
Incident Energy (MeV)

77-Ir-197

MAT 7744

(d, α) Levels
0 Kelvin Cross Sections

77-Ir-197

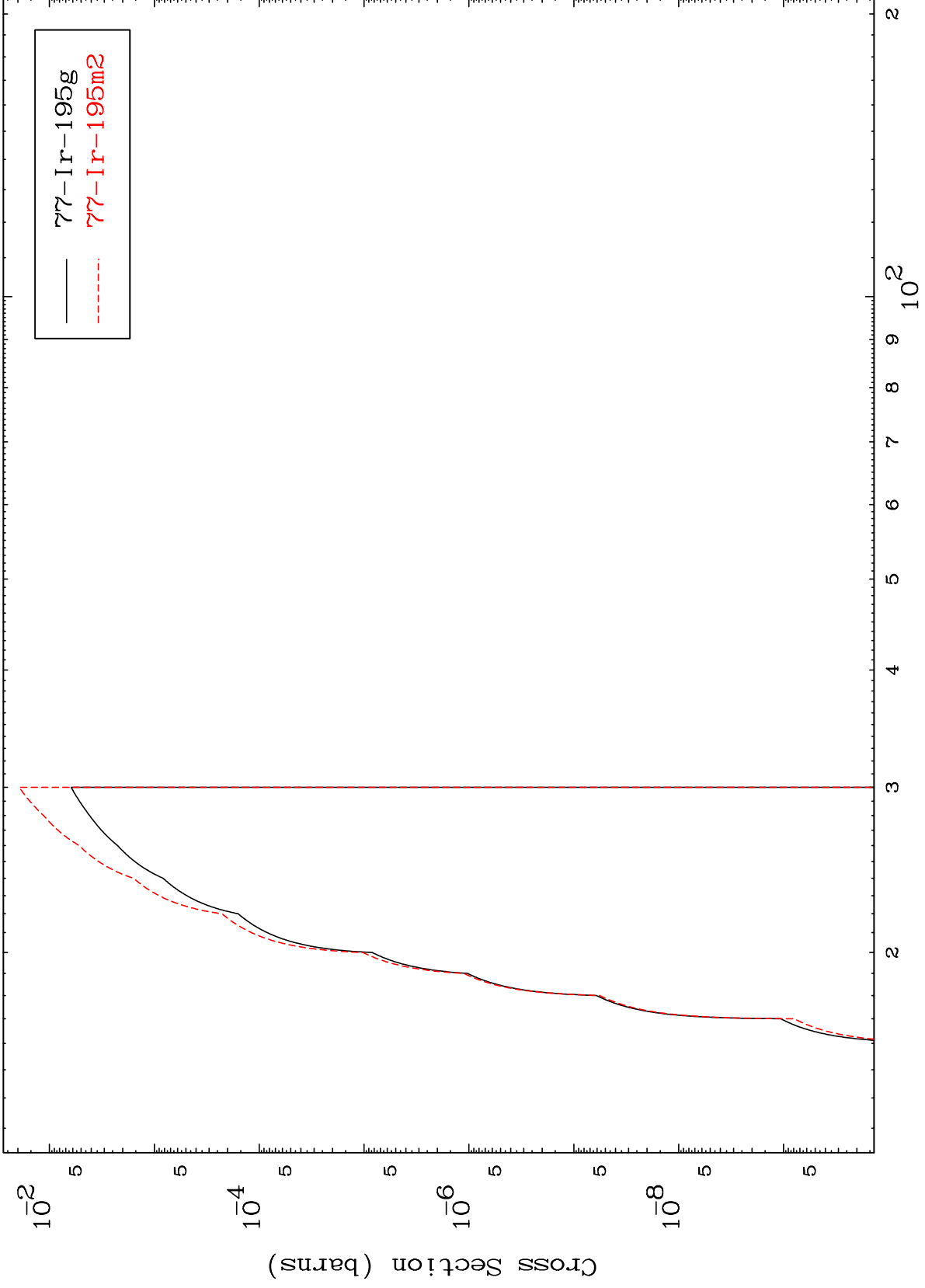


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(d,2n) d

77-Ir-197

Radionuclide Production Cross Section



12

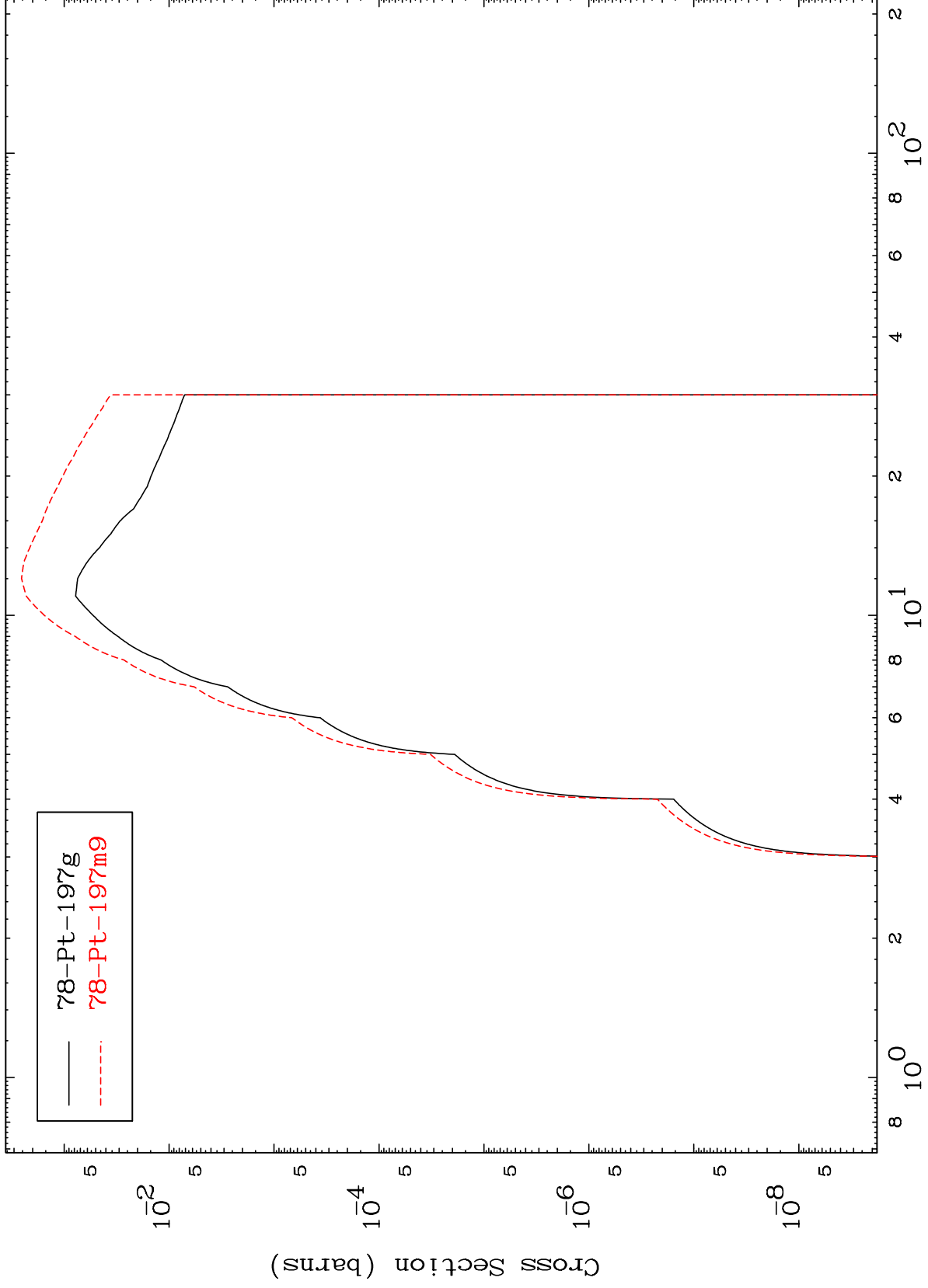
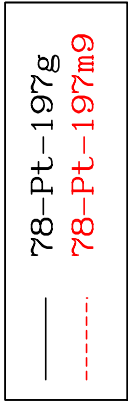
Incident Energy (MeV)

77-Ir-197

MAT 7744

77-Ir-197

Radionuclide Production Cross Section
(d,2n)



13

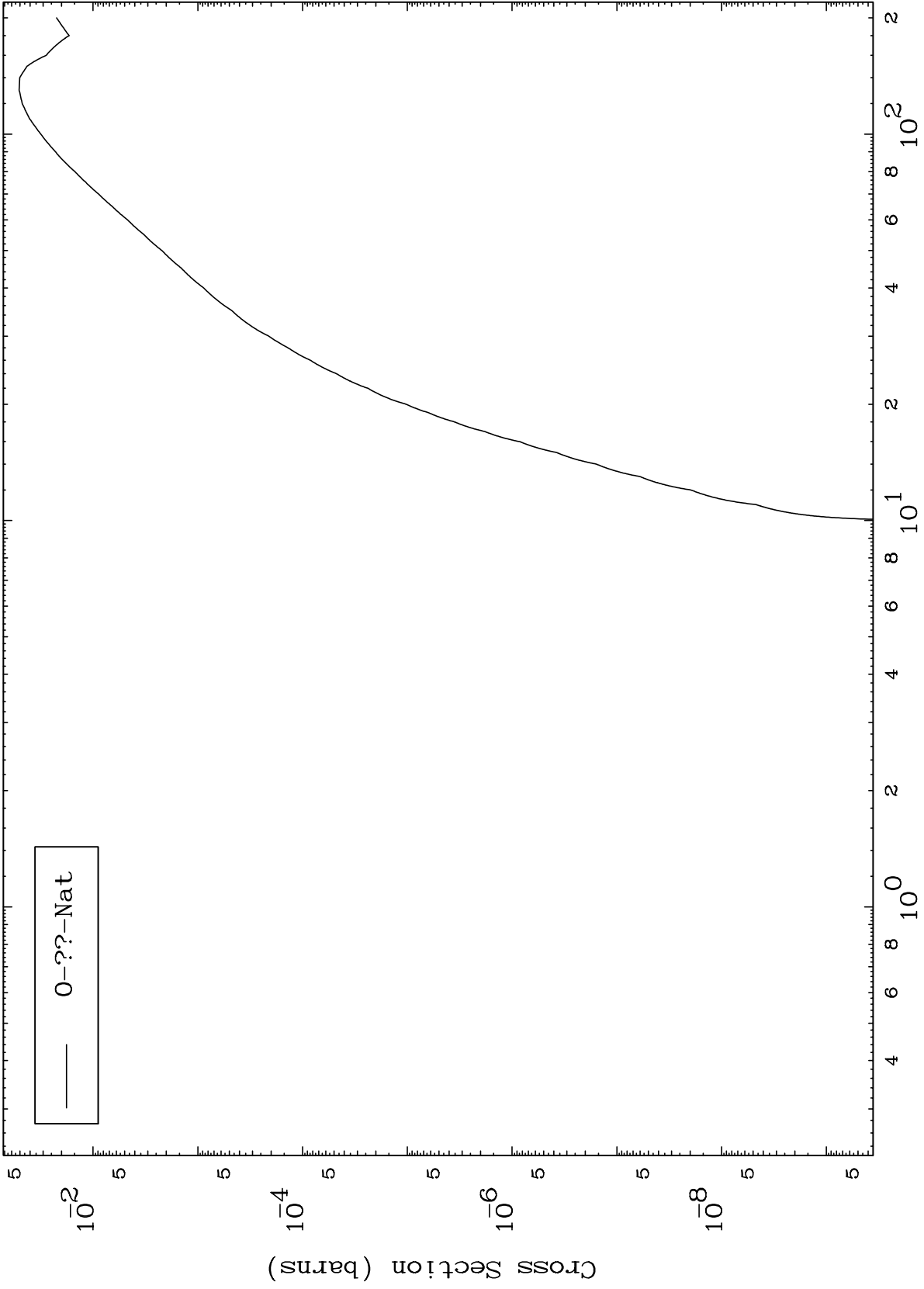
Incident Energy (MeV)

77-Ir-197

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Deuteron Fission
Radionuclide Production Cross Section

77-Ir-197



14

Incident Energy (MeV)

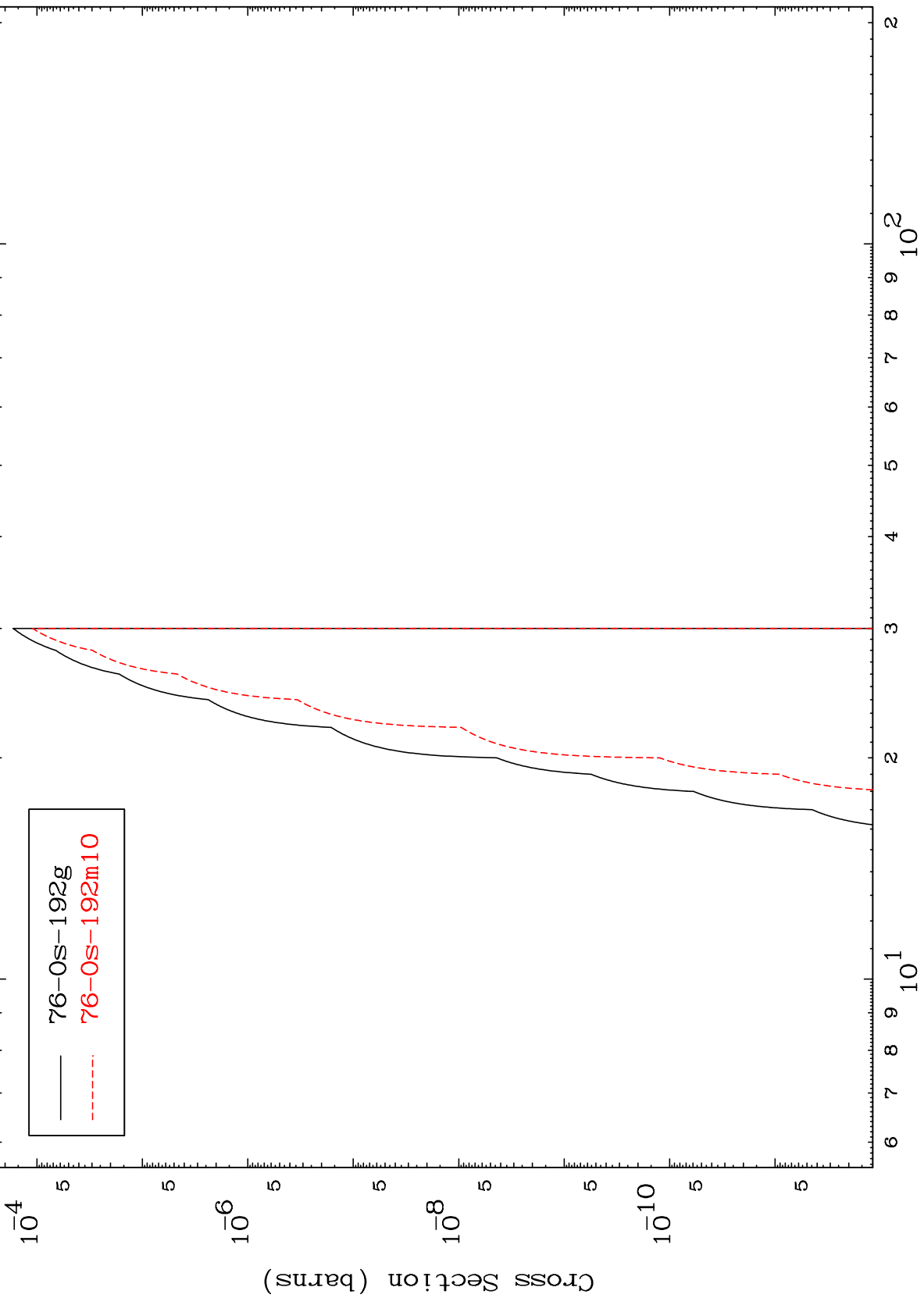
77-Ir-197

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(d,3n) α

77-Ir-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

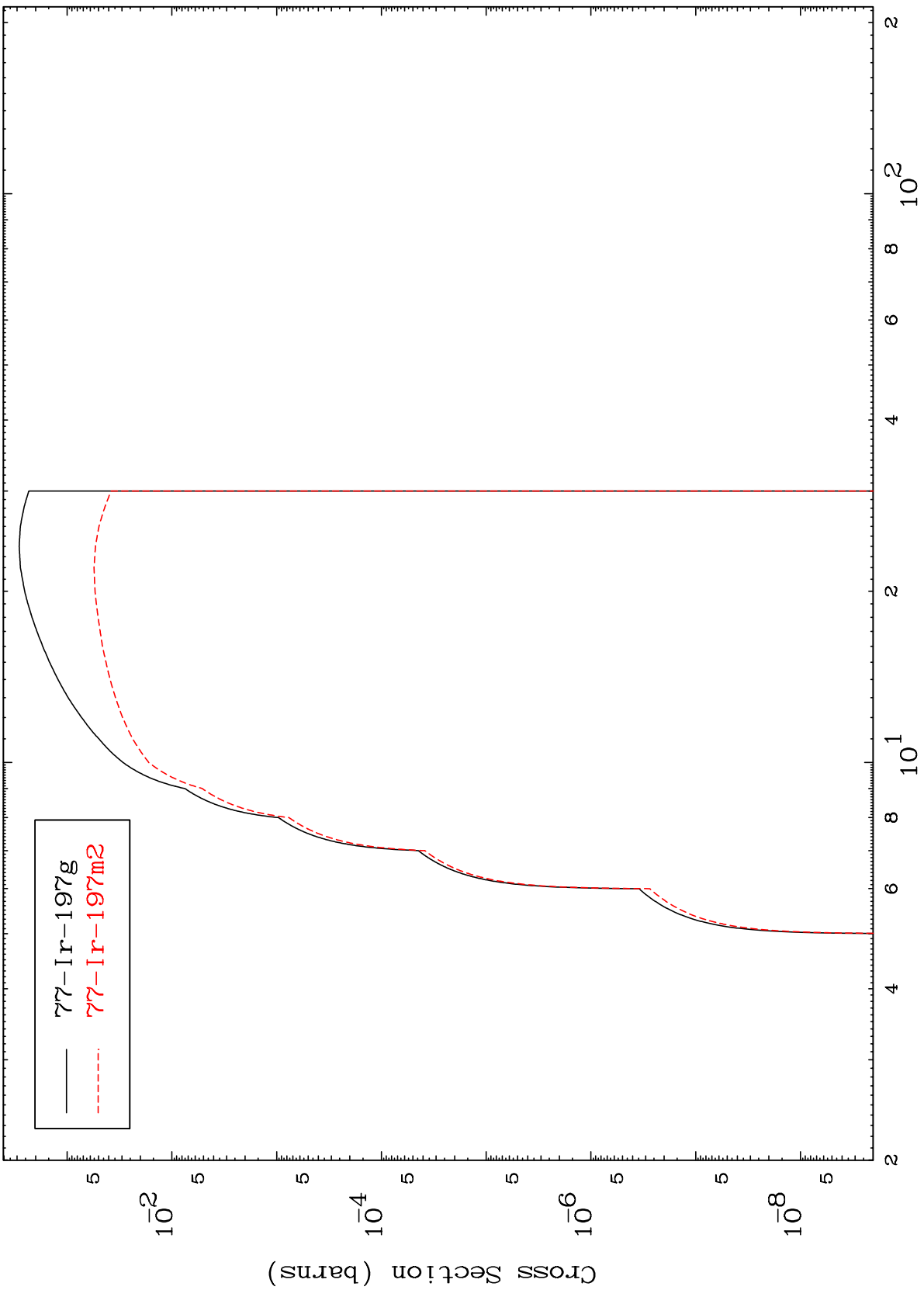
77-Ir-197

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77-Ir-197

(d,n') p

Radionuclide Production Cross Section



16

Incident Energy (MeV)

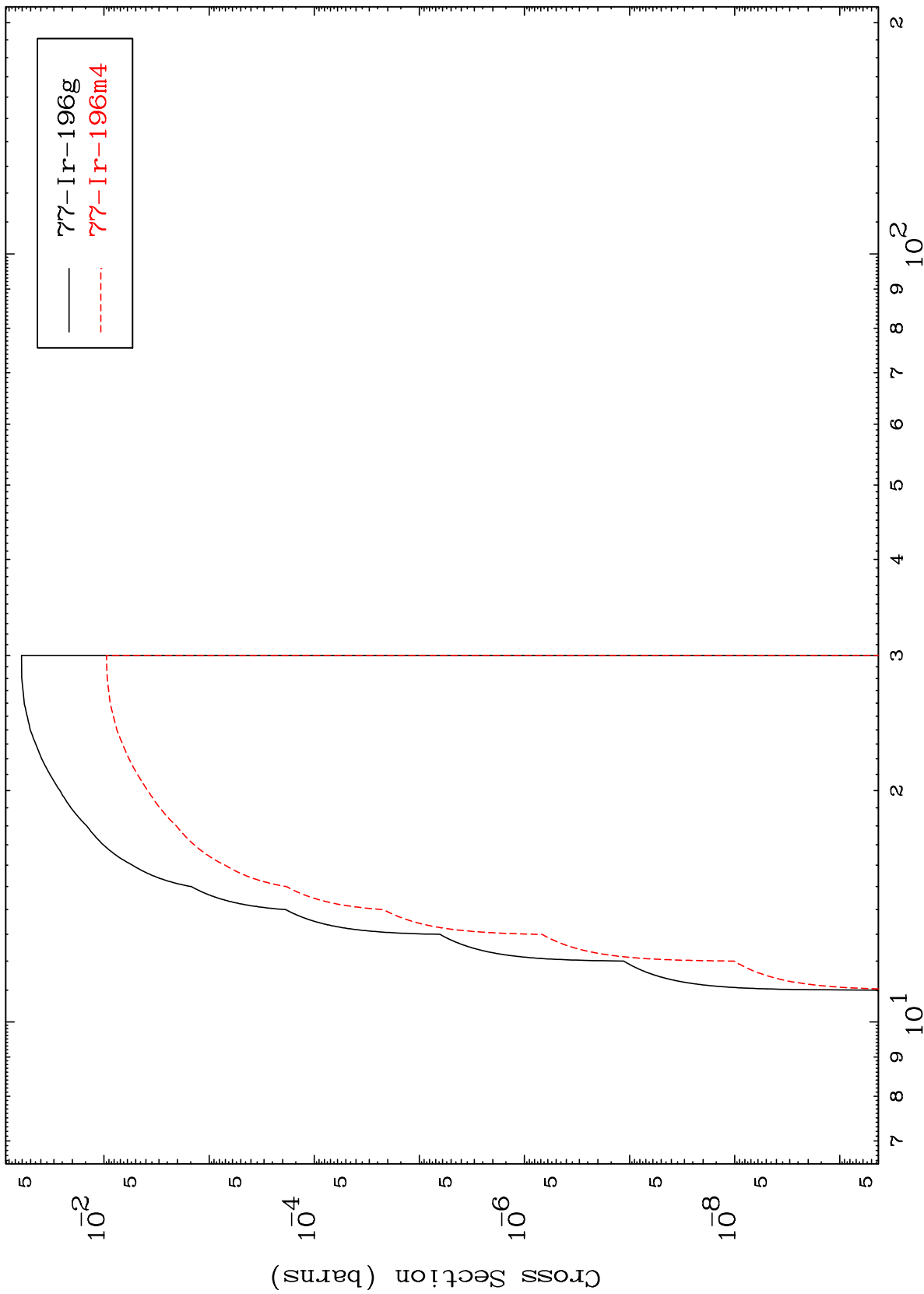
77-Ir-197

MAT 7744

(d,n') d

77-Ir-197

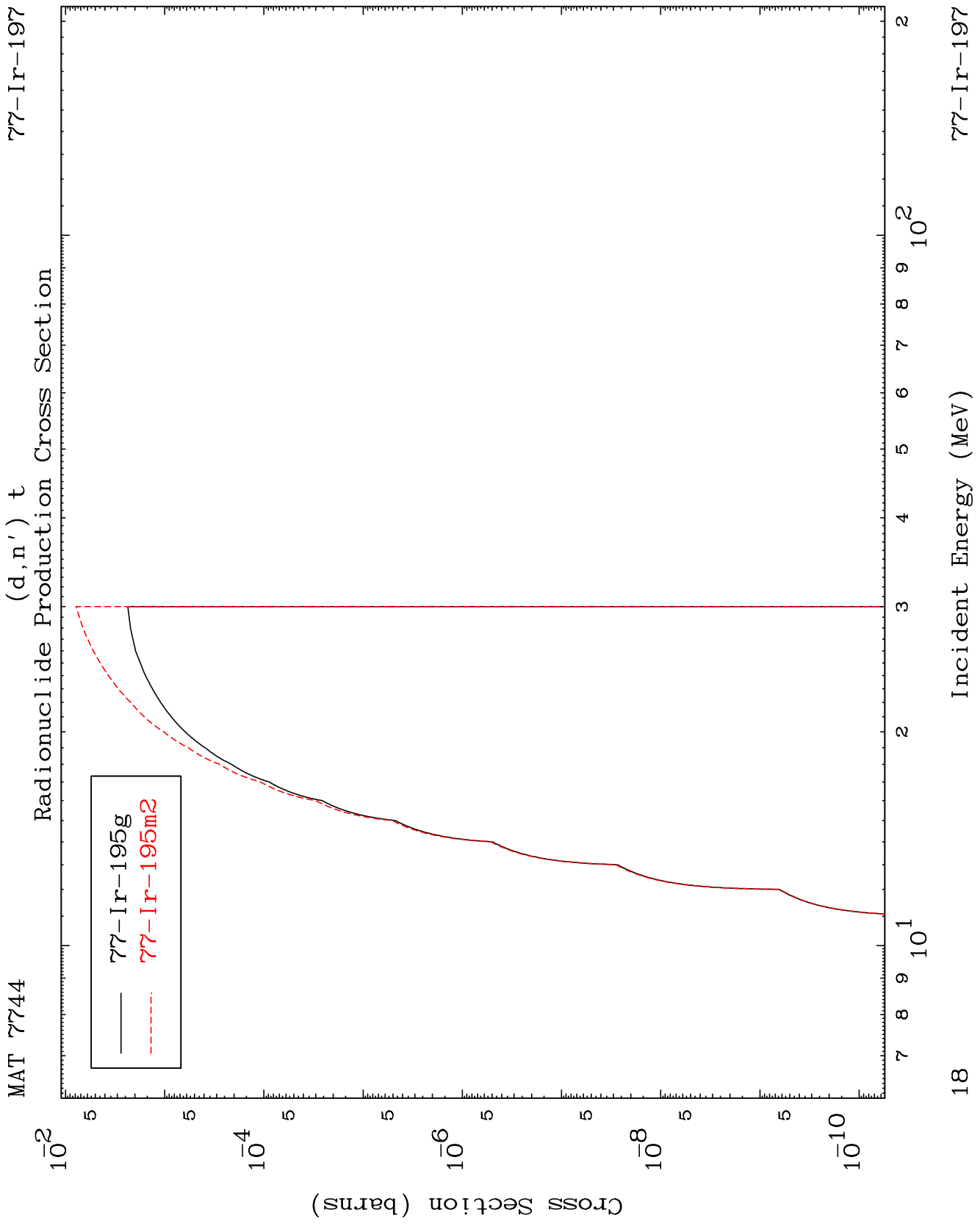
Radionuclide Production Cross Section



17

Incident Energy (MeV)

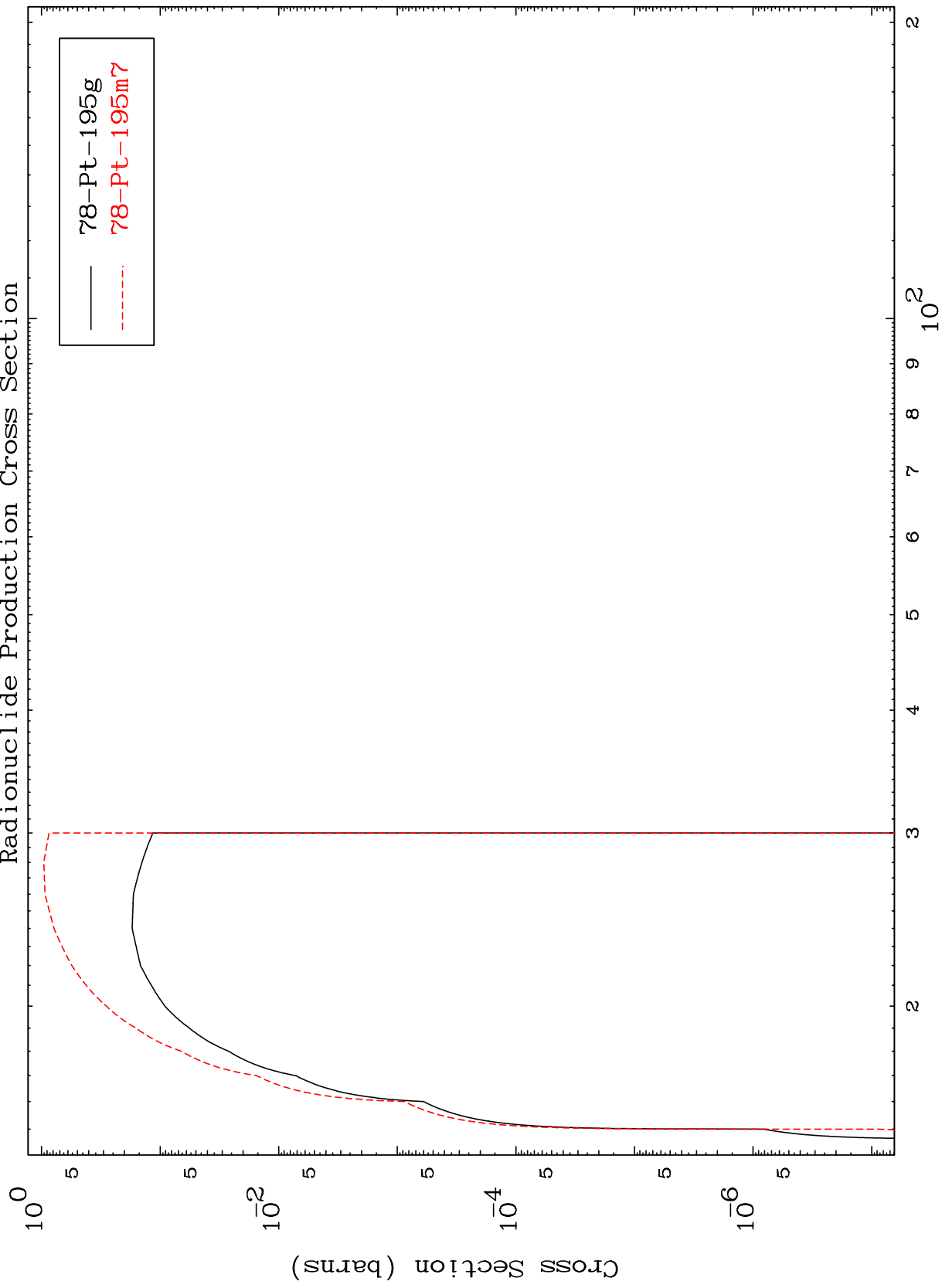
77-Ir-197



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77-Ir-197

(d,4n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

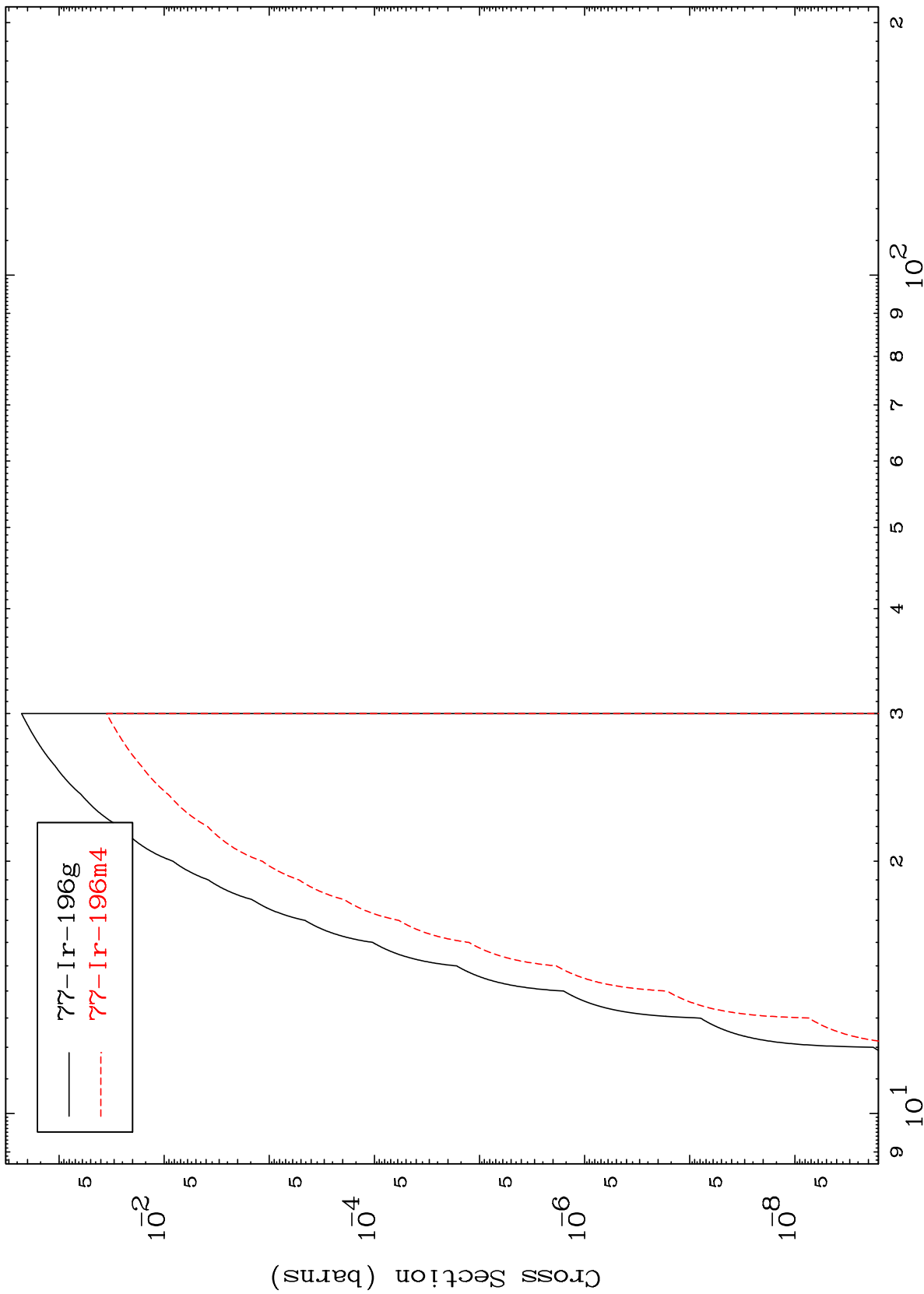
77-Ir-197

MAT 7744

(d,2n) p

⁷⁷Ir-197

Radionuclide Production Cross Section



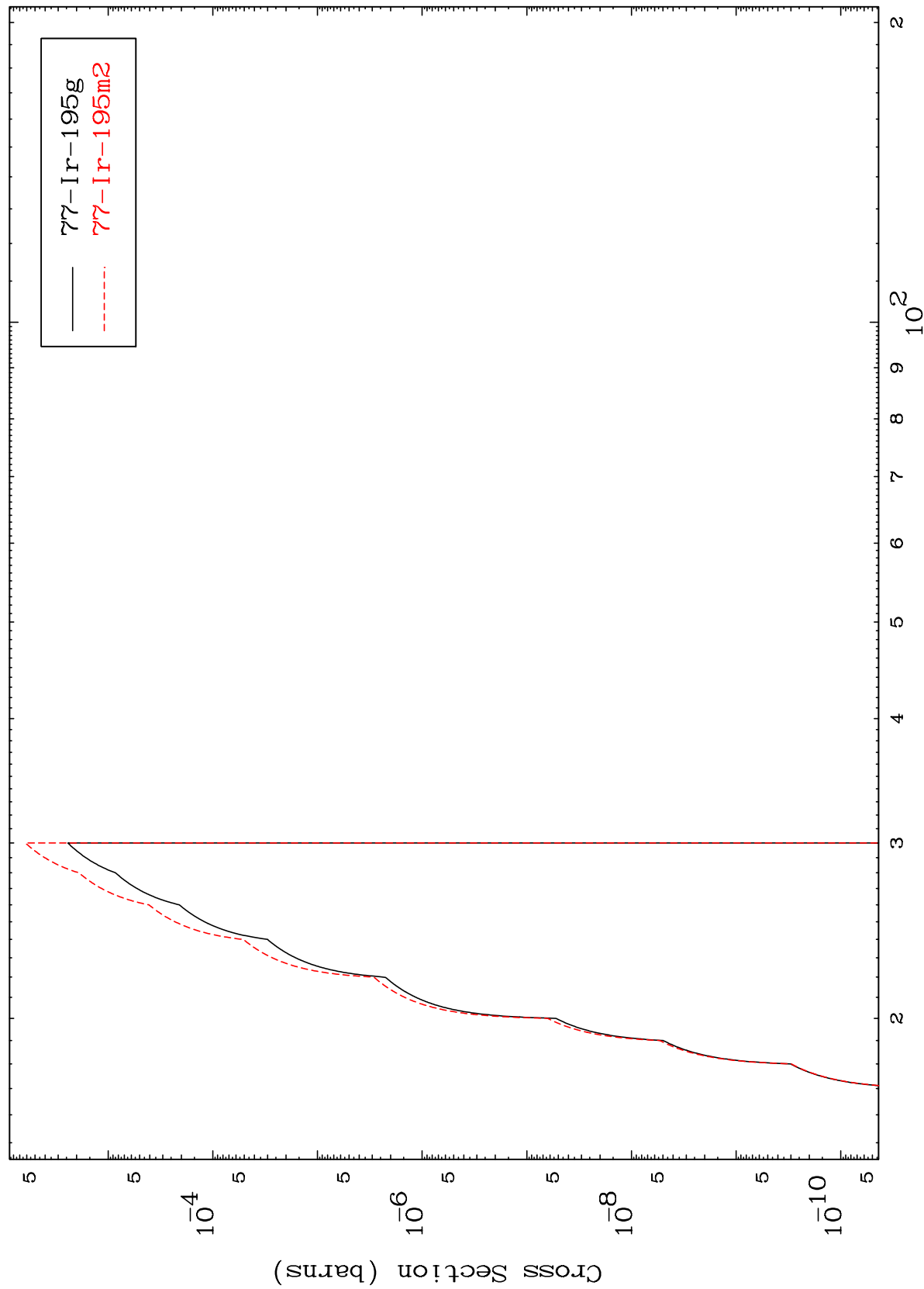
— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

Incident Energy (MeV)

⁷⁷Ir-197

20

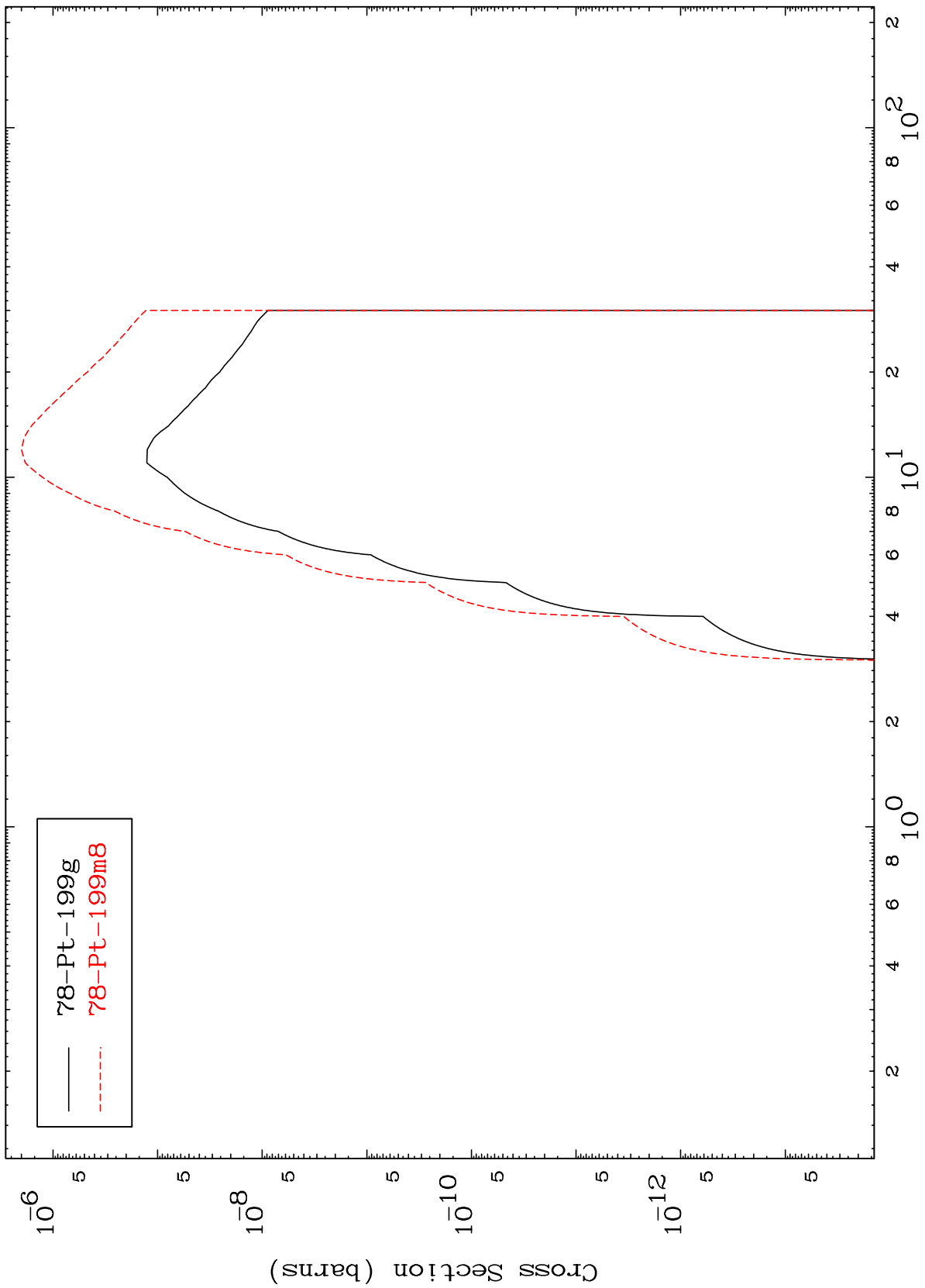
Radionuclide Production Cross Section



MAT 7744

77-Ir-197

(d, γ)
Radionuclide Production Cross Section

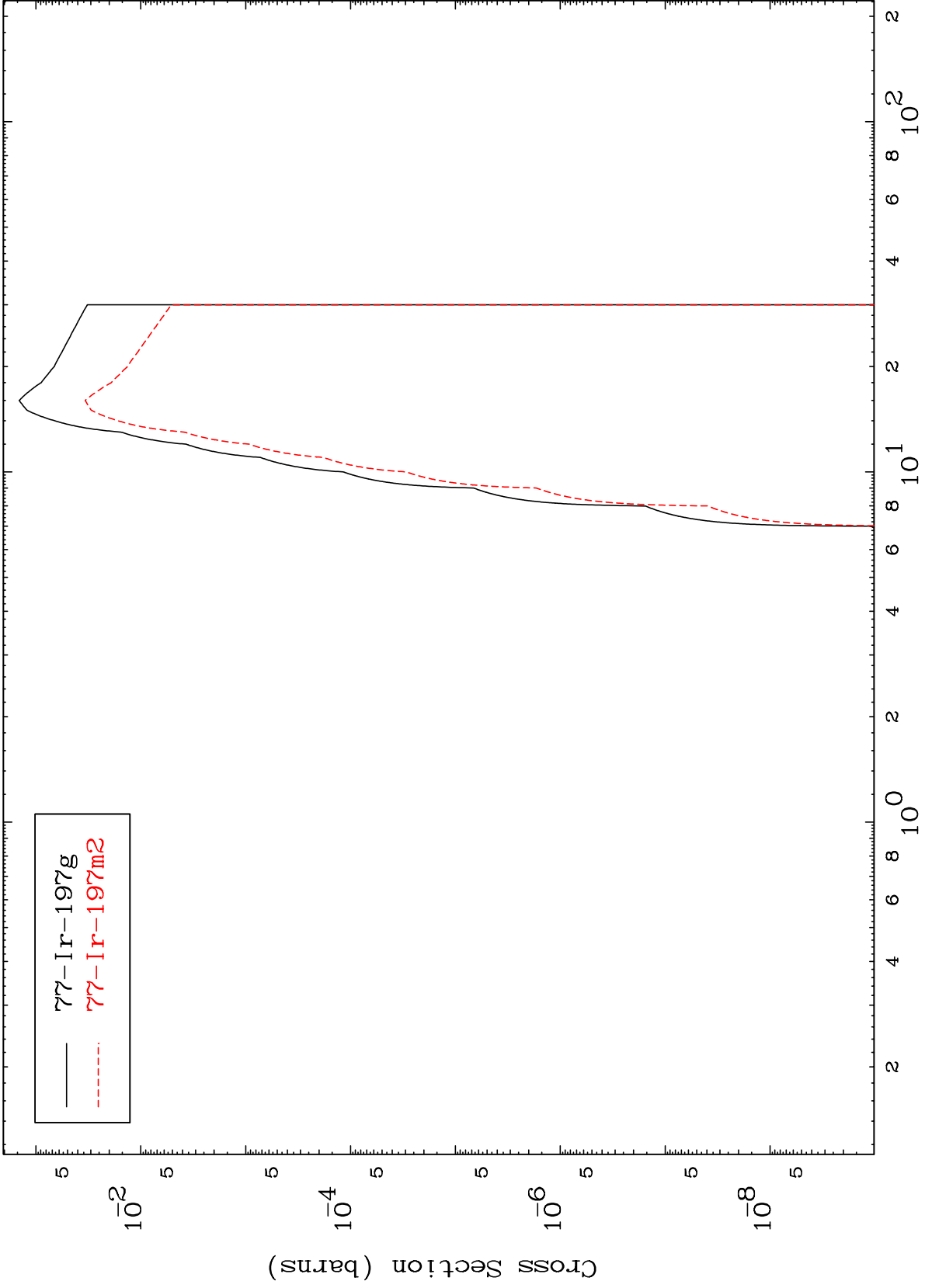


MAT 7744

(d,d)

⁷⁷Ir-197

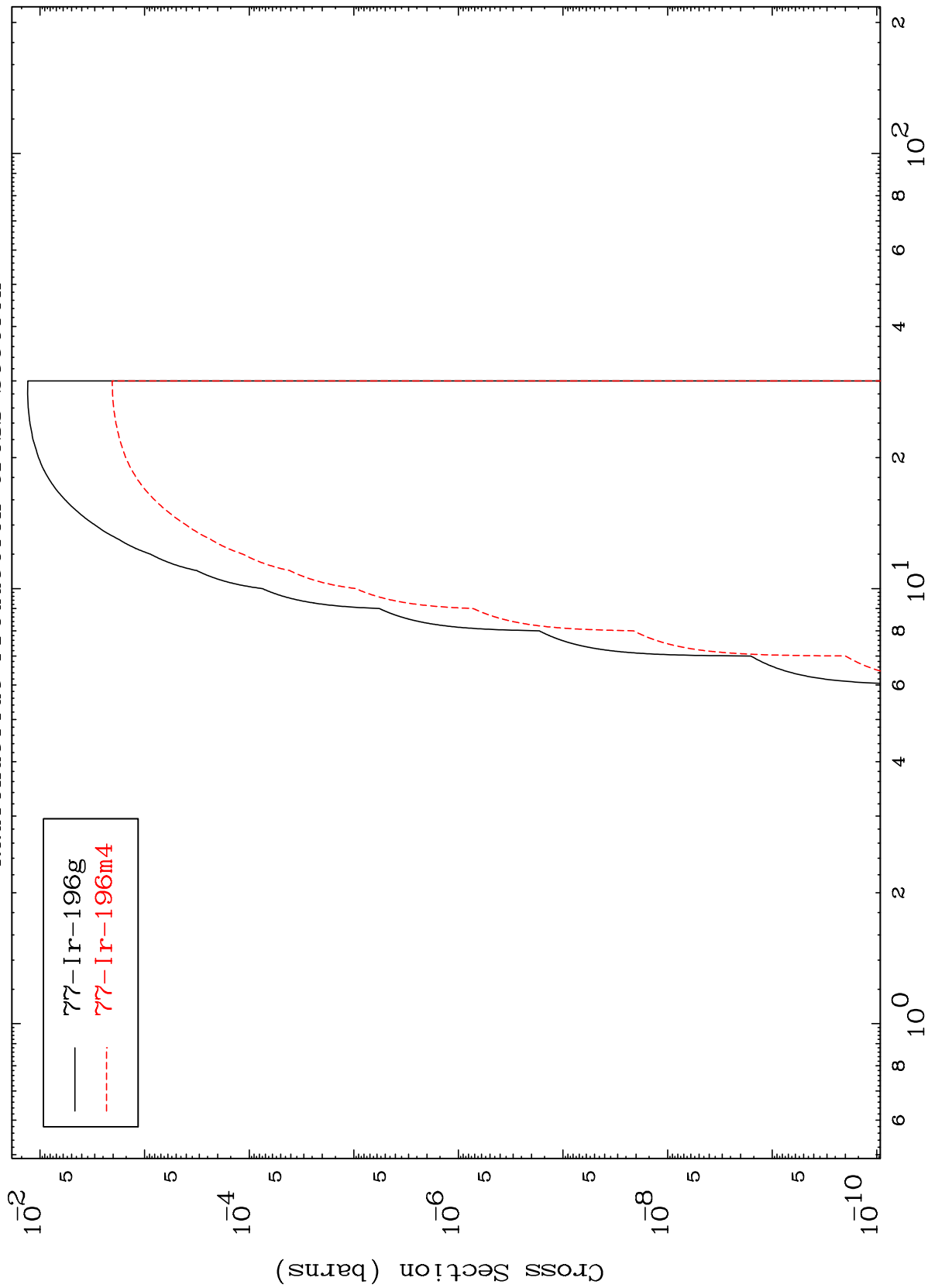
Radionuclide Production Cross Section



MAT 7744

77-Ir-197

(d, t)
Radionuclide Production Cross Section



77-Ir-197

Incident Energy (MeV)

24