

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

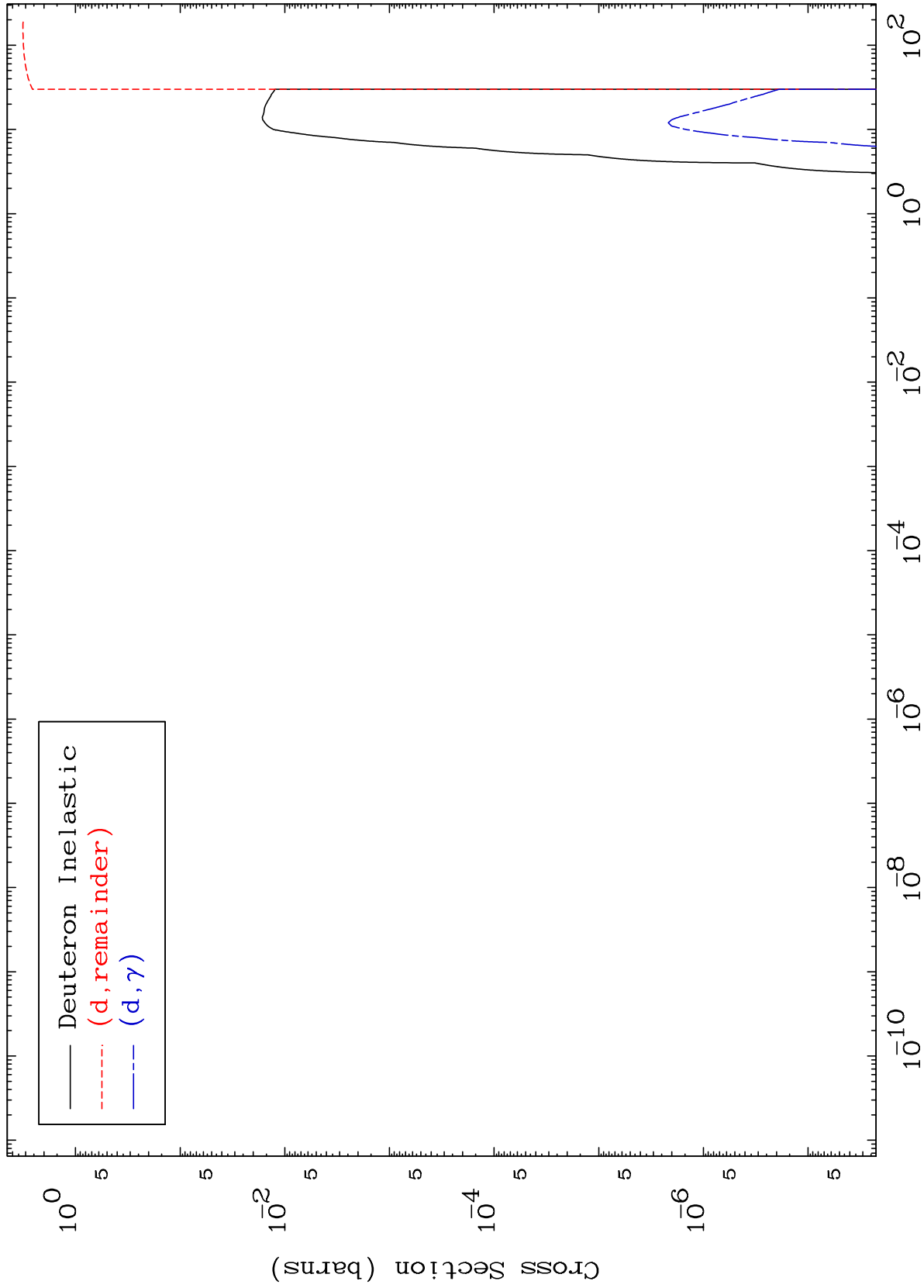
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Tele: 925-443-1911

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

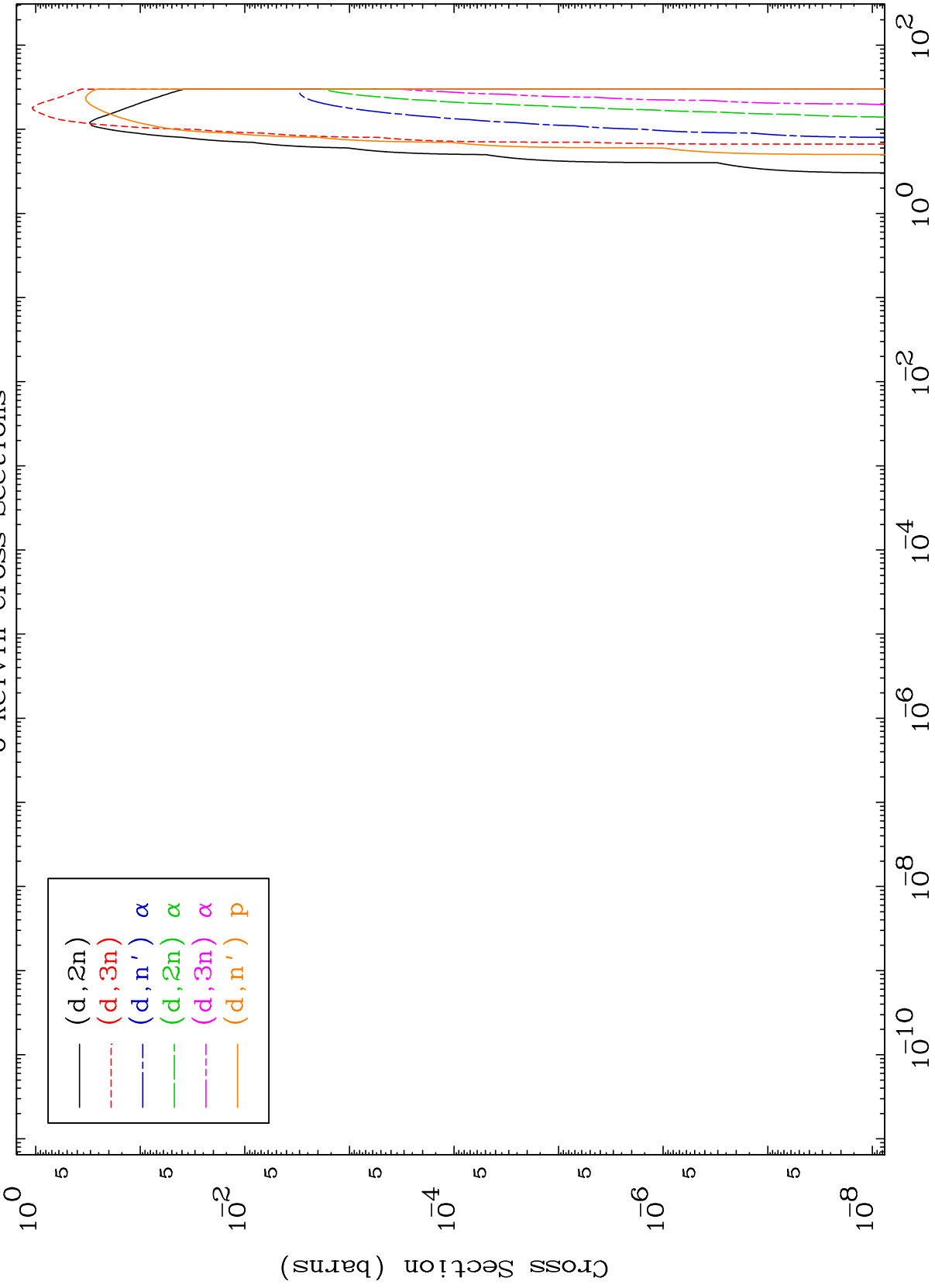
Press Mouse Button to Start



MAT 7744

Deuteron Neutron Production
0 Kelvin Cross Sections

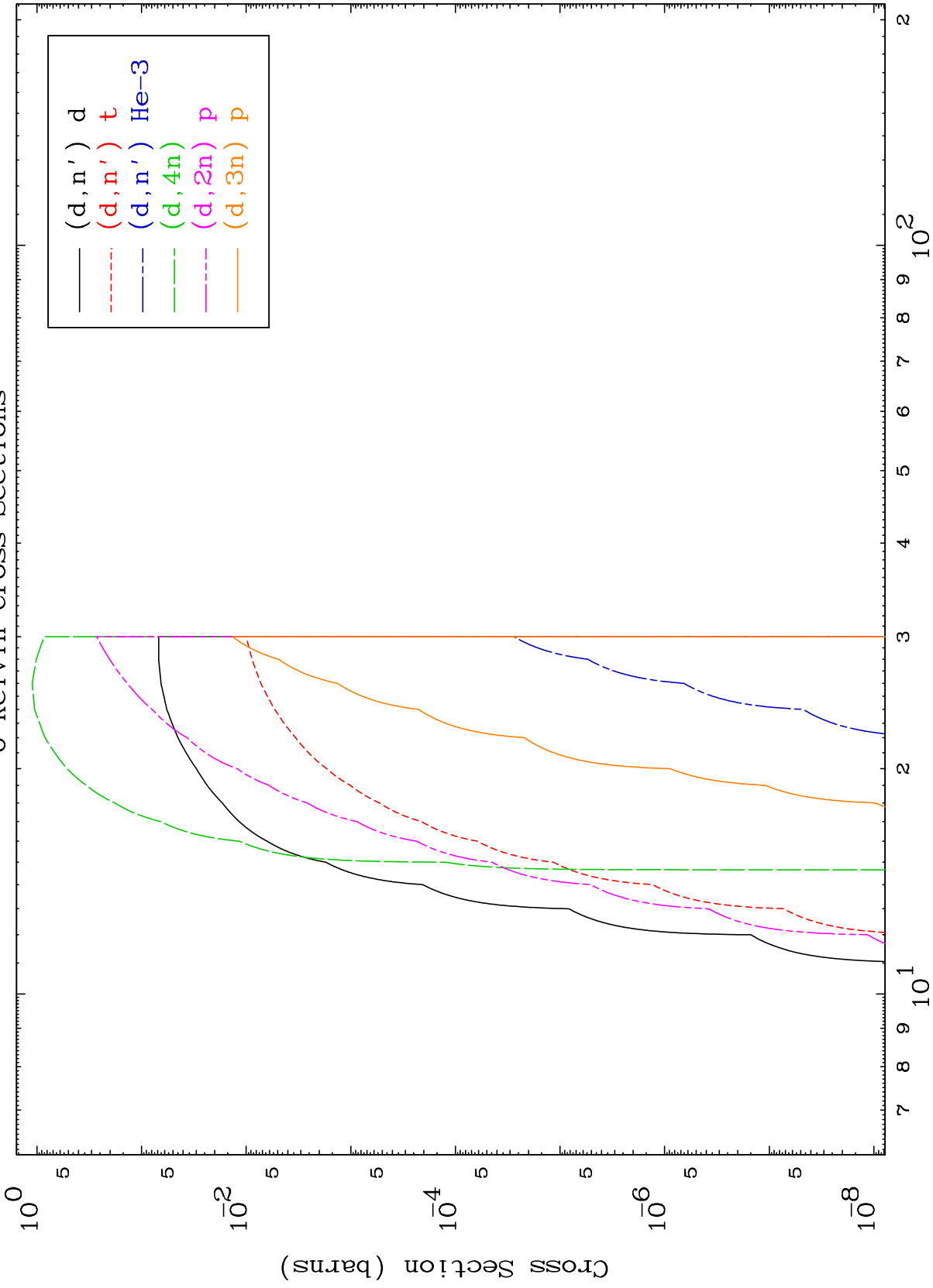
77-Ir-197



2

Incident Energy (MeV)

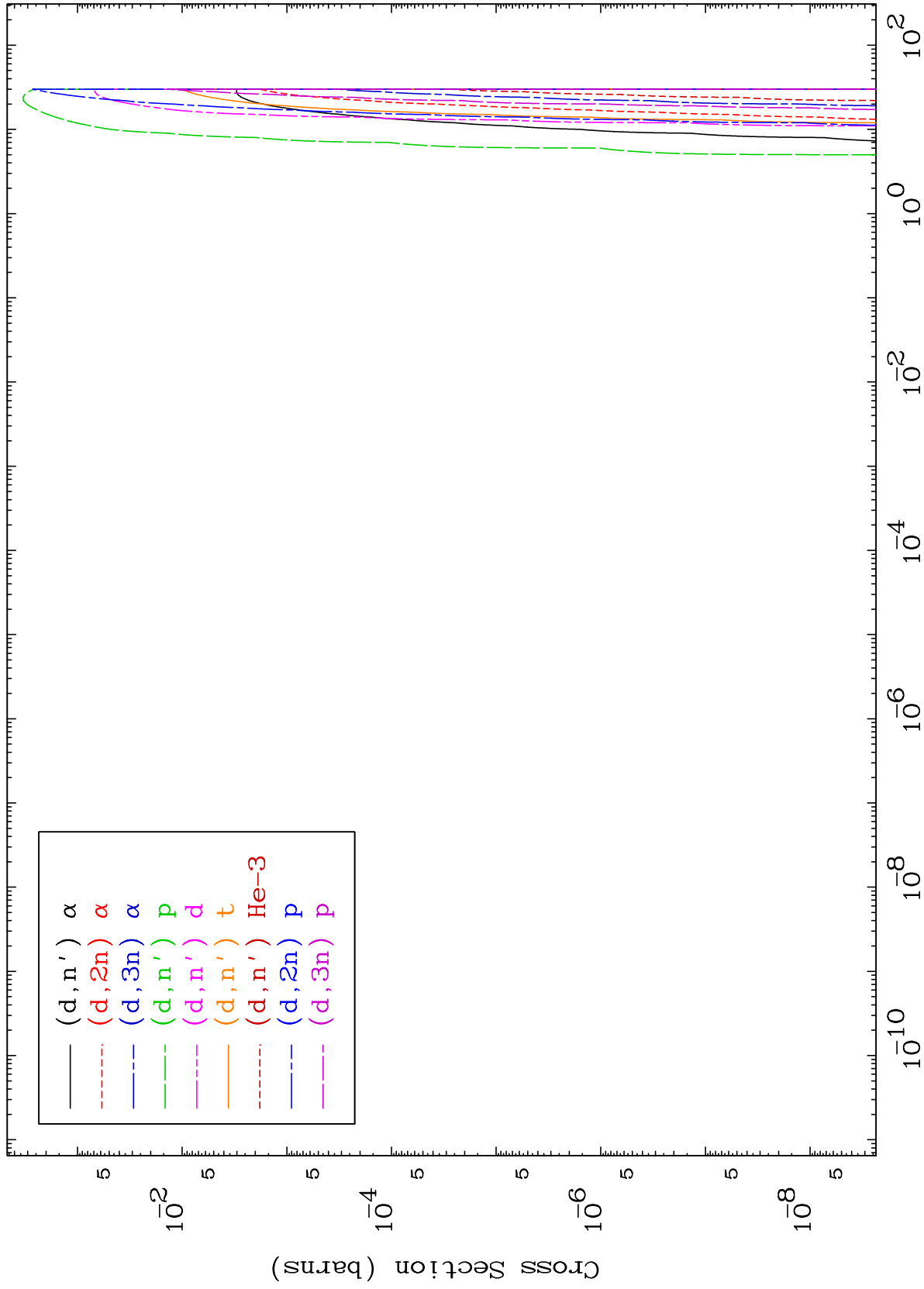
77-Ir-197



MAT 7744

Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-197

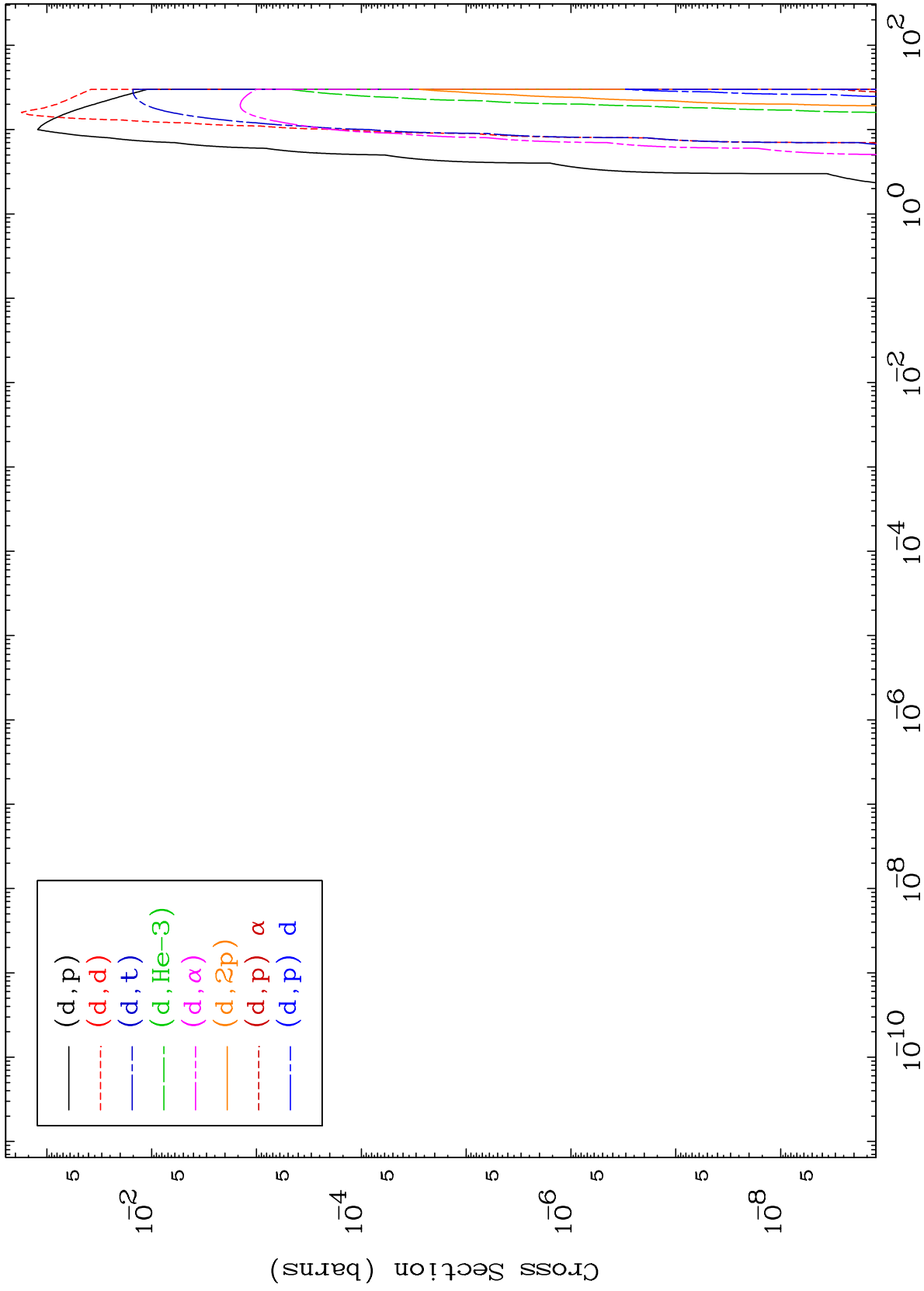


77-Ir-197

MAT 7744

Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-197



5

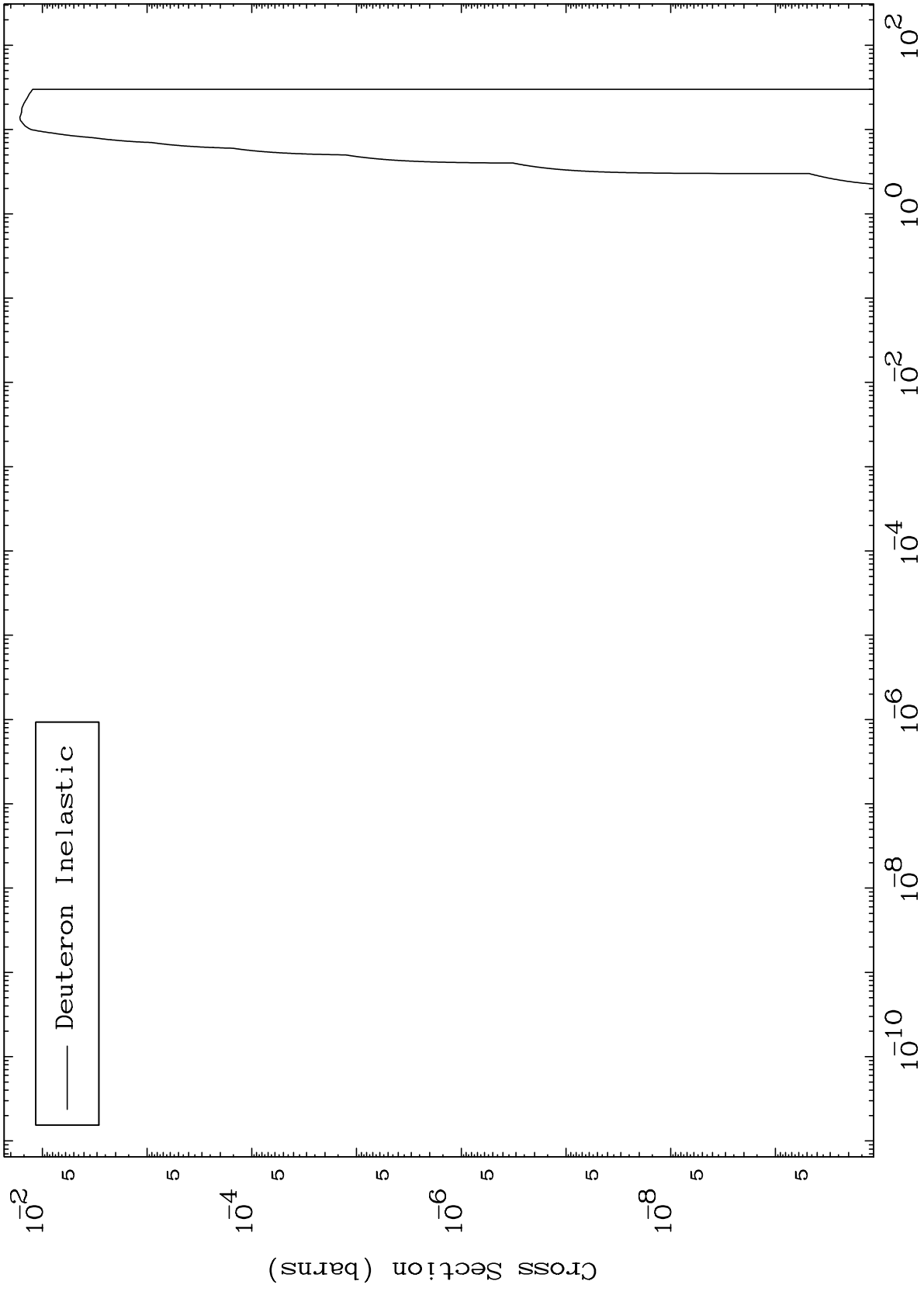
Incident Energy (MeV)

77-Ir-197

MAT 7744

(d,n') Level
0 Kelvin Cross Sections

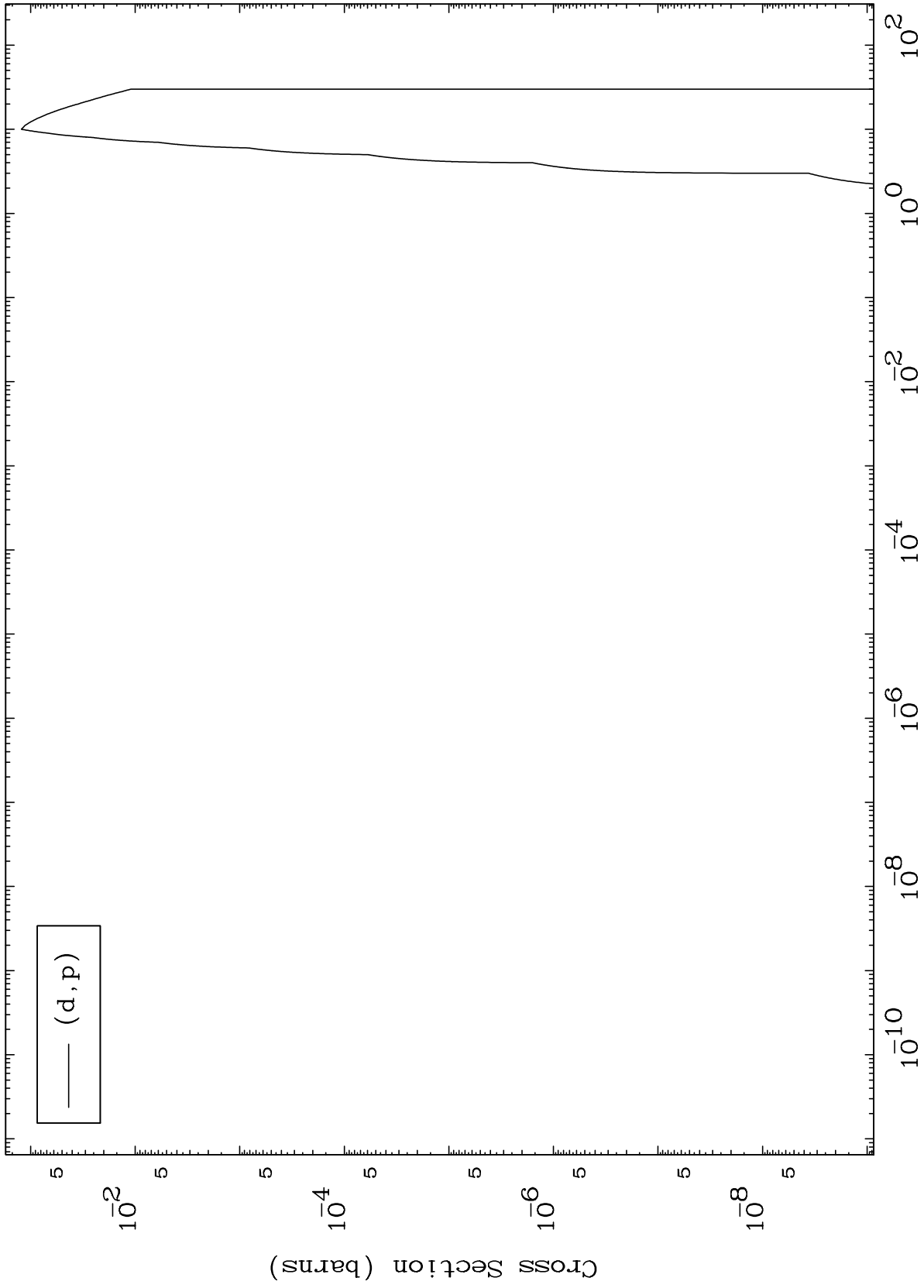
77-Ir-197



MAT 7744

(d,p) Levels
0 Kelvin Cross Sections

77-Ir-197



7

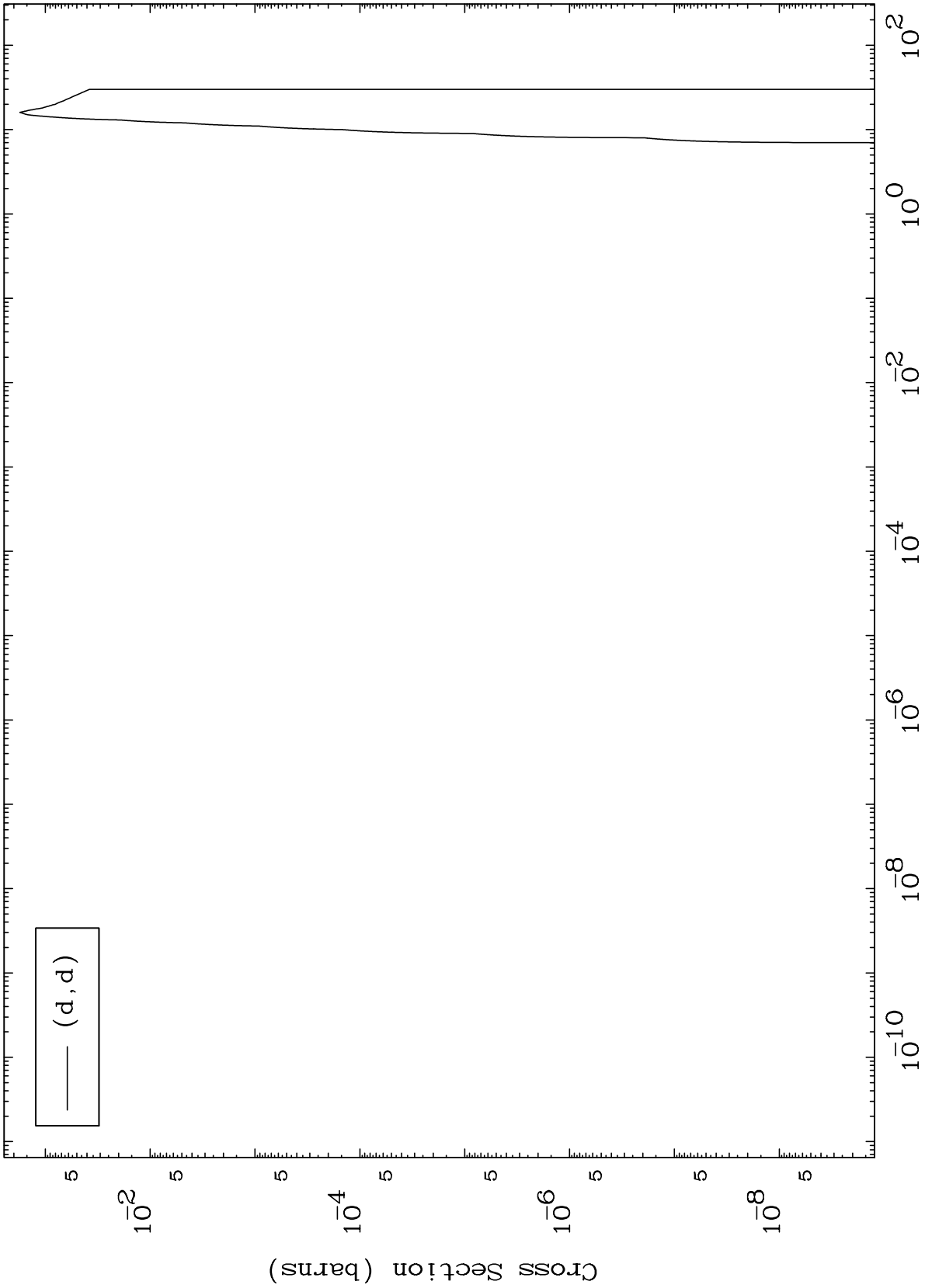
Incident Energy (MeV)

77-Ir-197

MAT 7744

(d,d) Levels
0 Kelvin Cross Sections

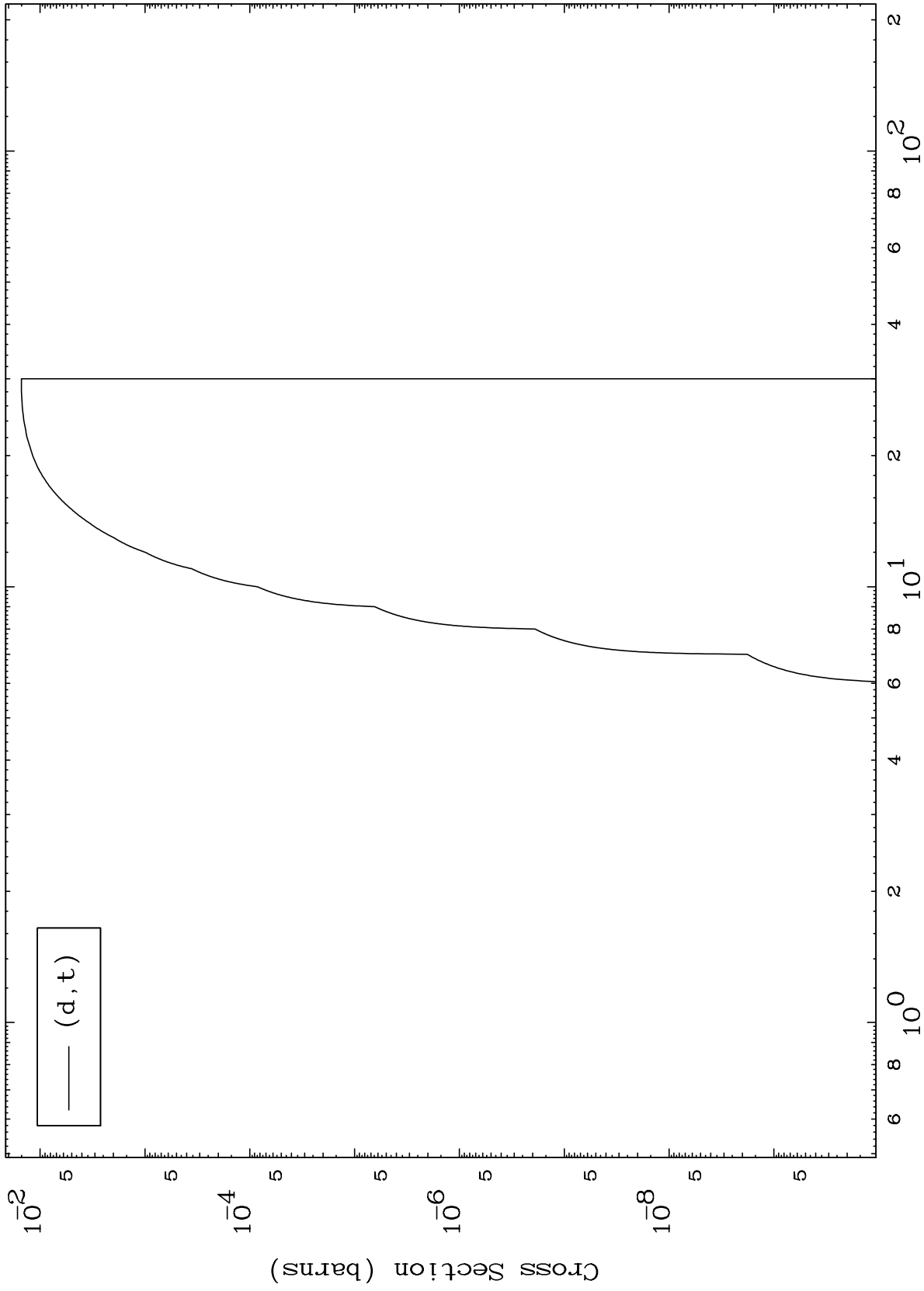
77-Ir-197



MAT 7744

(d,t) Levels
0 Kelvin Cross Sections

77-Ir-197



9

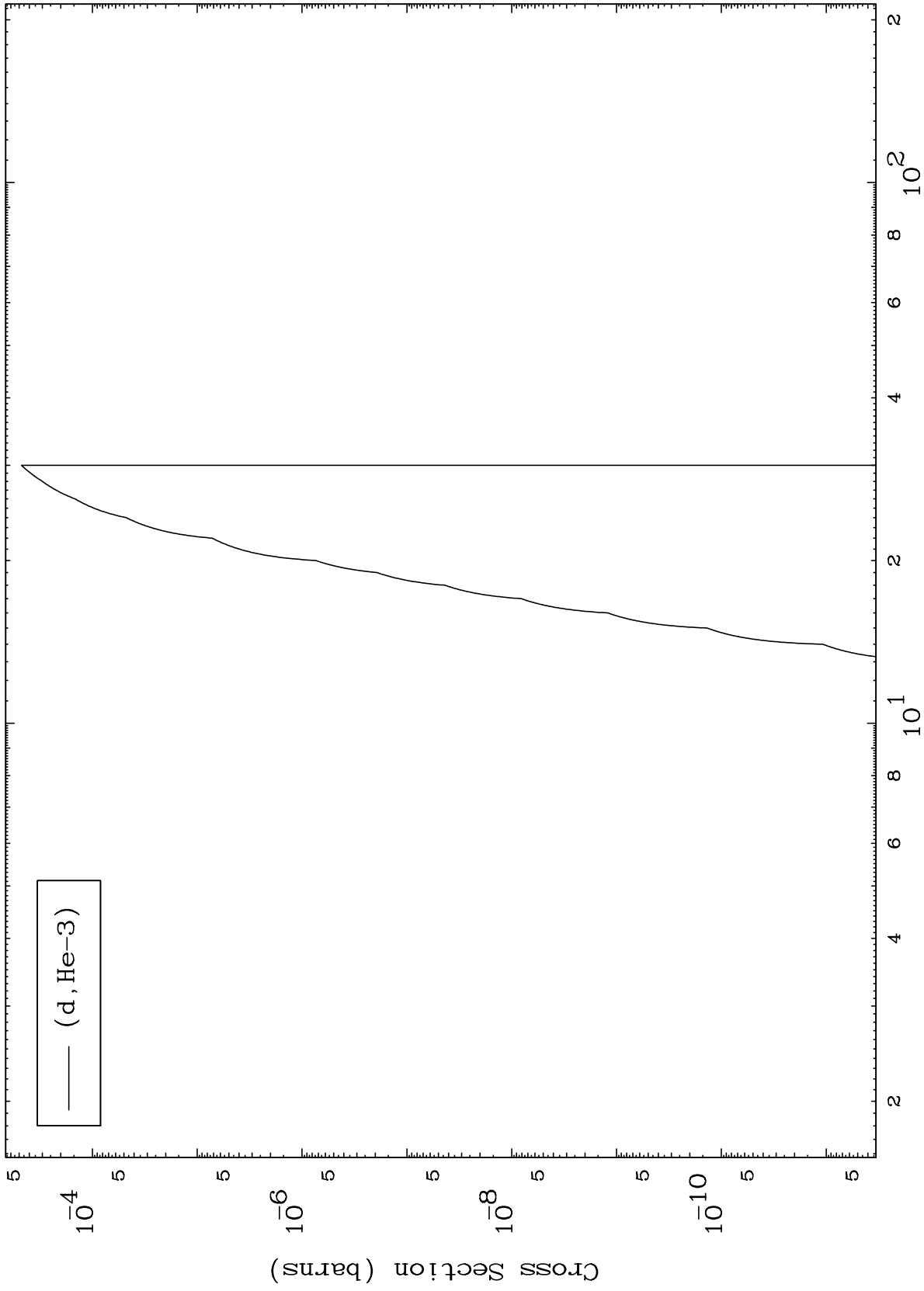
Incident Energy (MeV)

77-Ir-197

MAT 7744

(d,He3) Levels
0 Kelvin Cross Sections

77-Ir-197



10

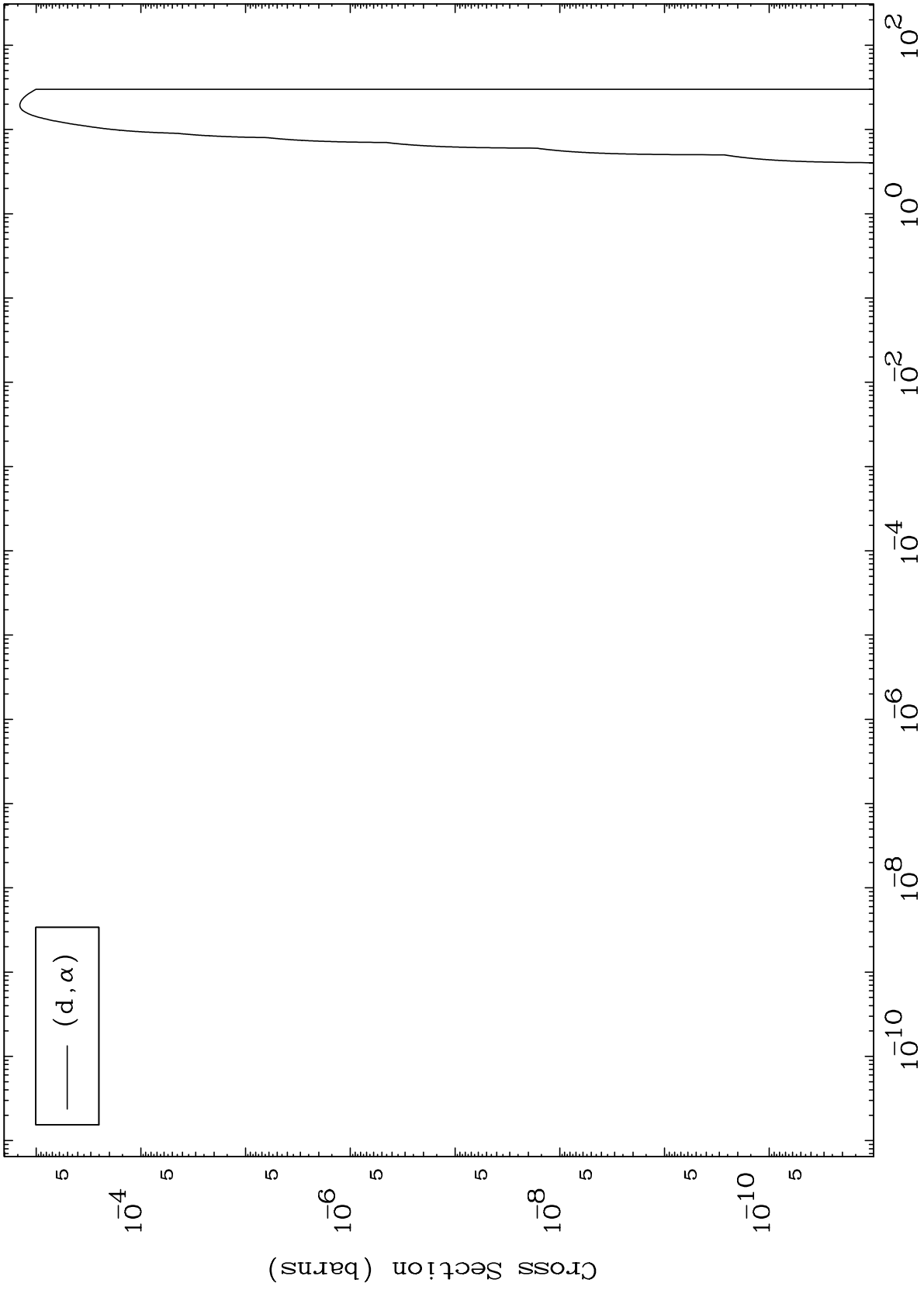
Incident Energy (MeV)

77-Ir-197

MAT 7744

(d, α) Levels
0 Kelvin Cross Sections

77-Ir-197



11

Incident Energy (MeV)

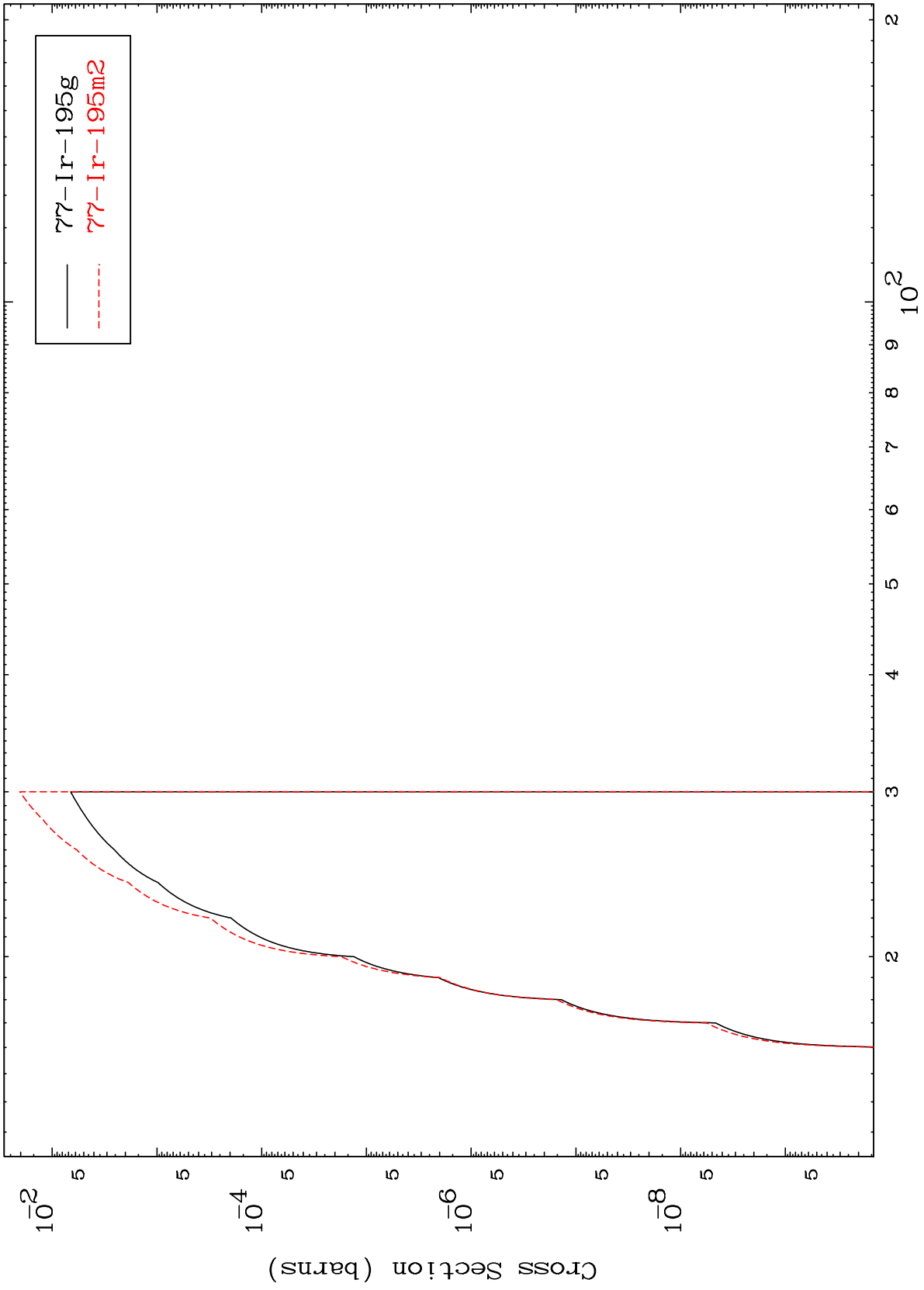
77-Ir-197

MAT 7744

(d,2n) d

⁷⁷Ir-197

Radionuclide Production Cross Section



12

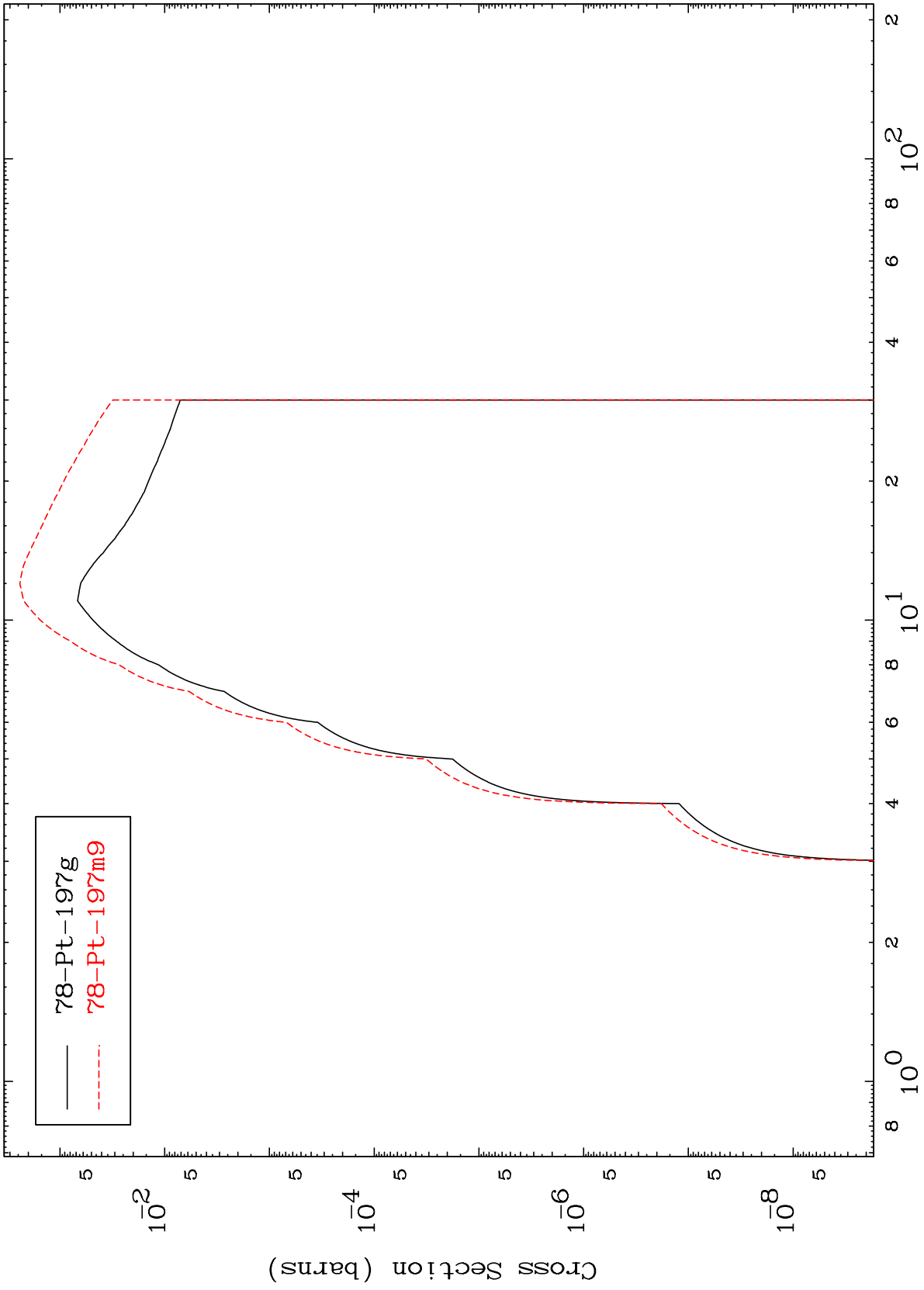
Incident Energy (MeV)

⁷⁷Ir-197

MAT 7744

77-Ir-197

(d,2n)
Radionuclide Production Cross Section

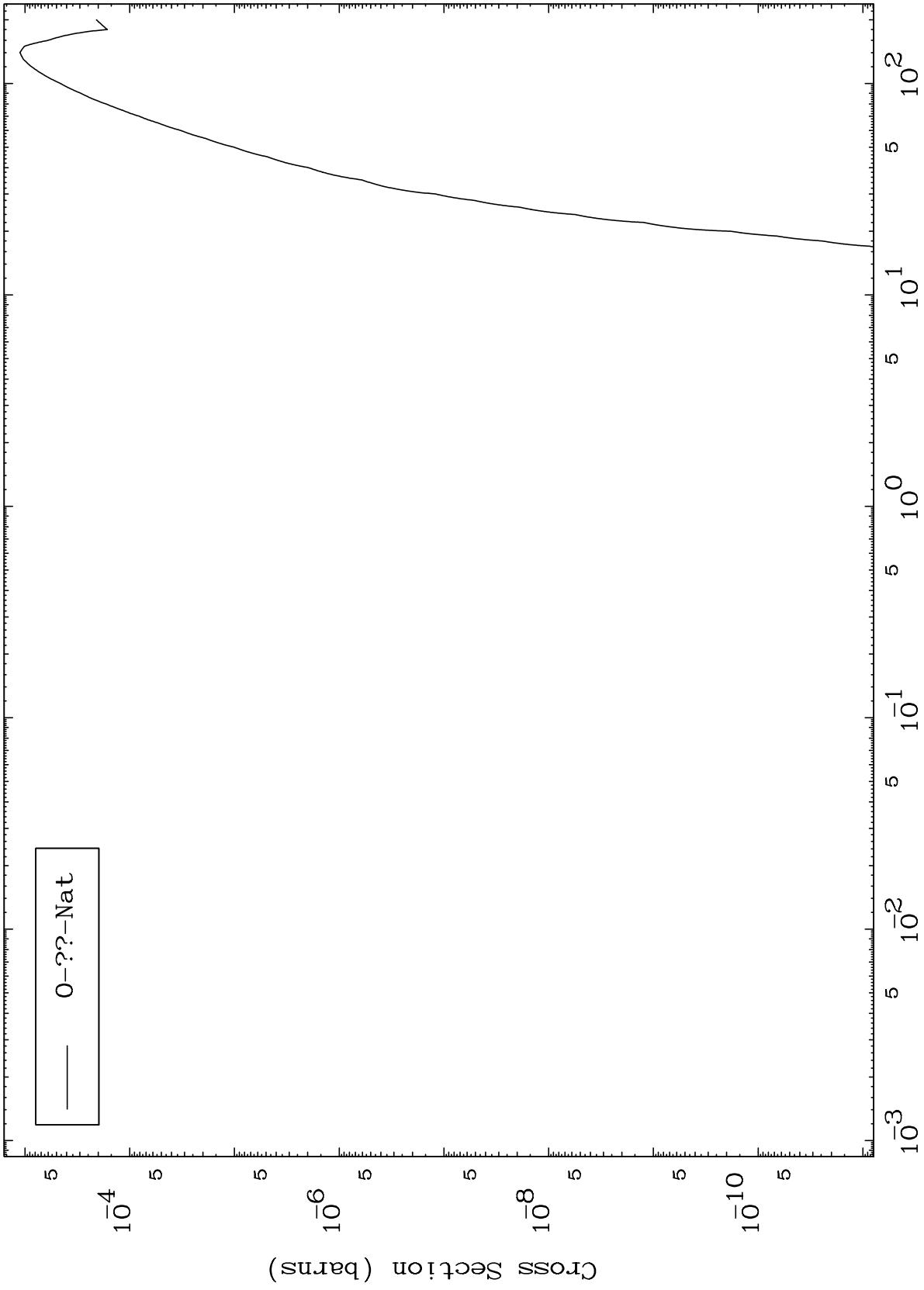


78-Pt-197g
78-Pt-197m9

MAT 7744

Deuteron Fission
Radionuclide Production Cross Section

77-Ir-197



14

Incident Energy (MeV)

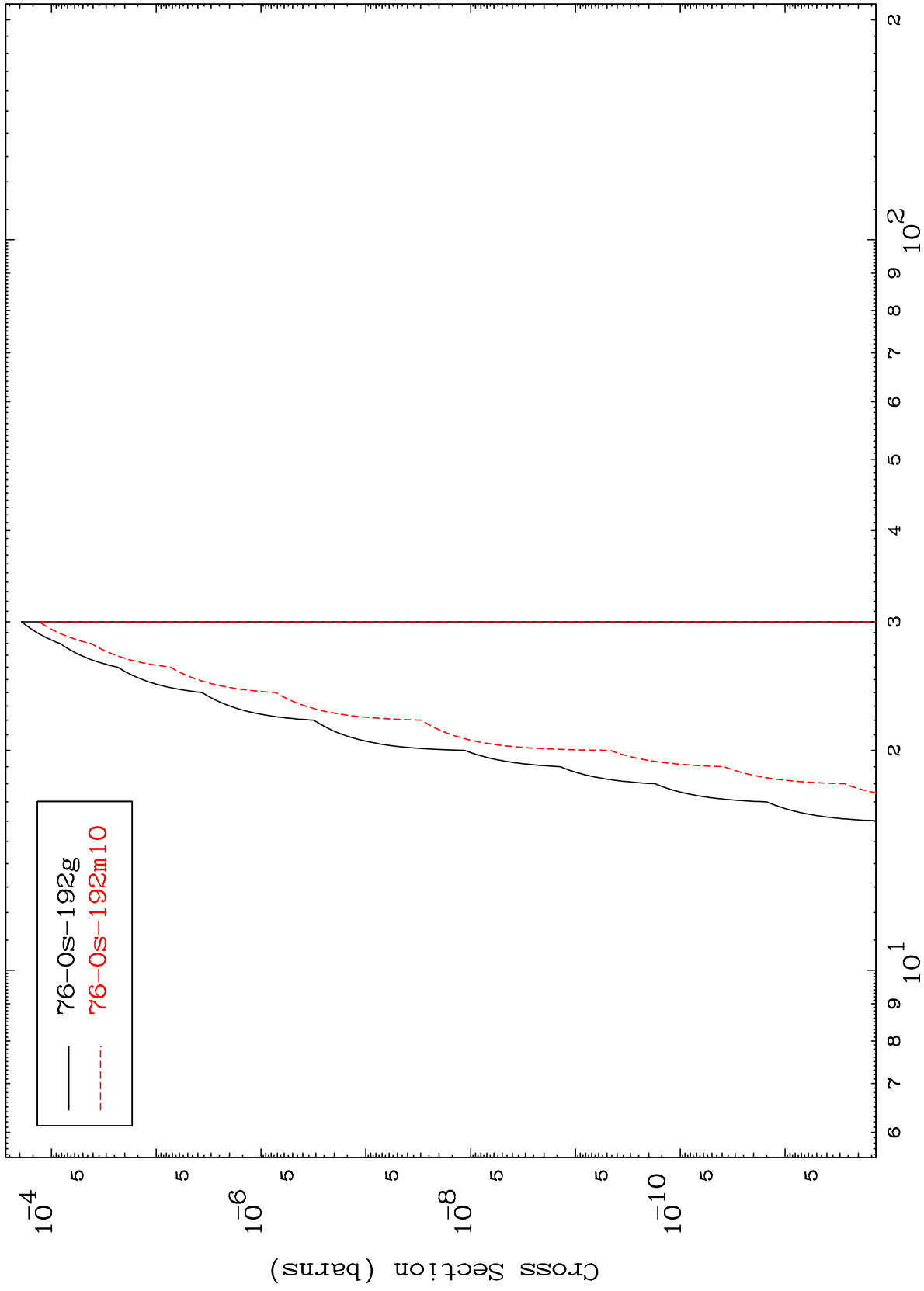
77-Ir-197

MAT 7744

(d,3n) α

77-Ir-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

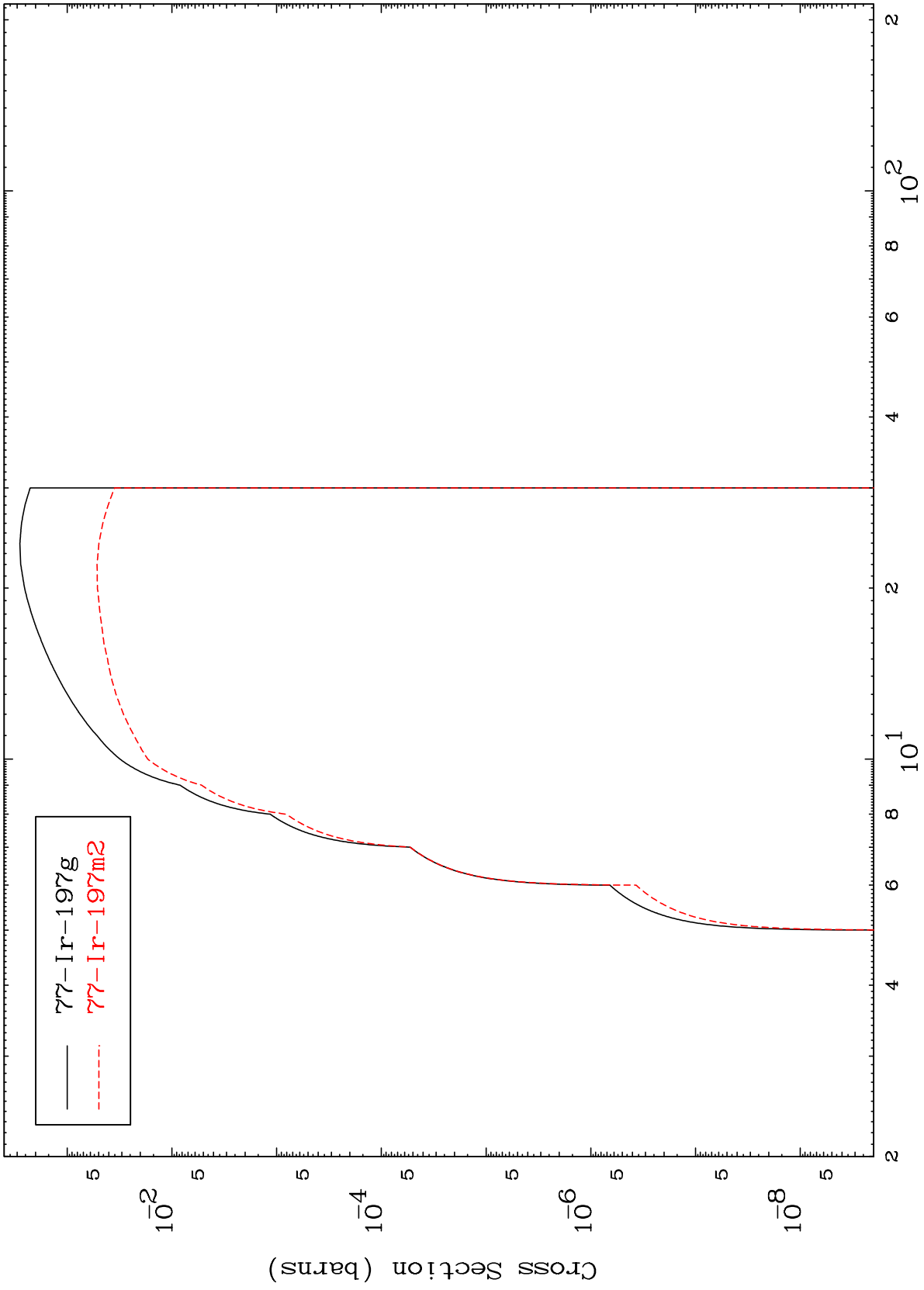
77-Ir-197

MAT 7744

(d,n') p

77-Ir-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

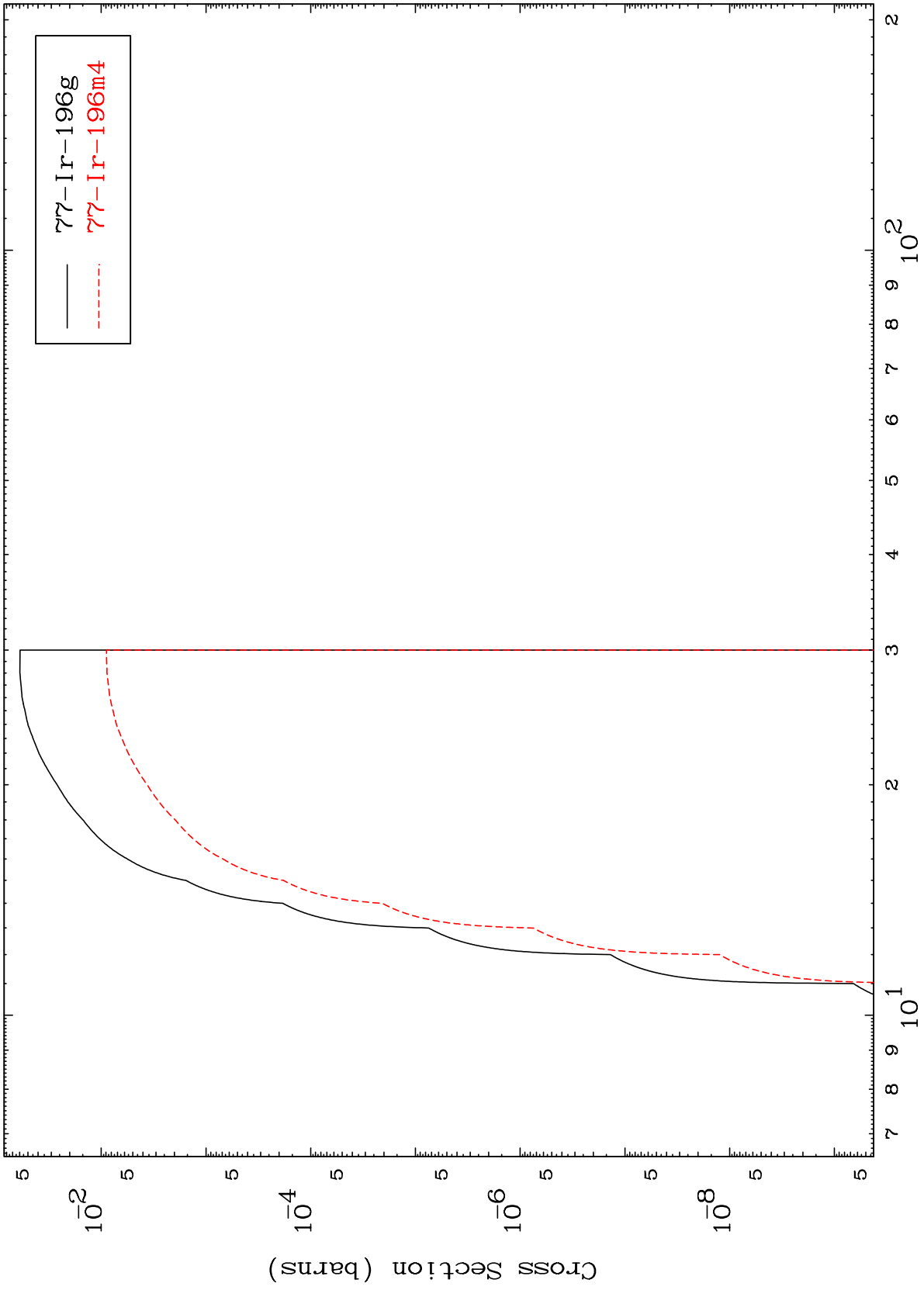
77-Ir-197

MAT 7744

(d,n') d

77-Ir-197

Radionuclide Production Cross Section



17

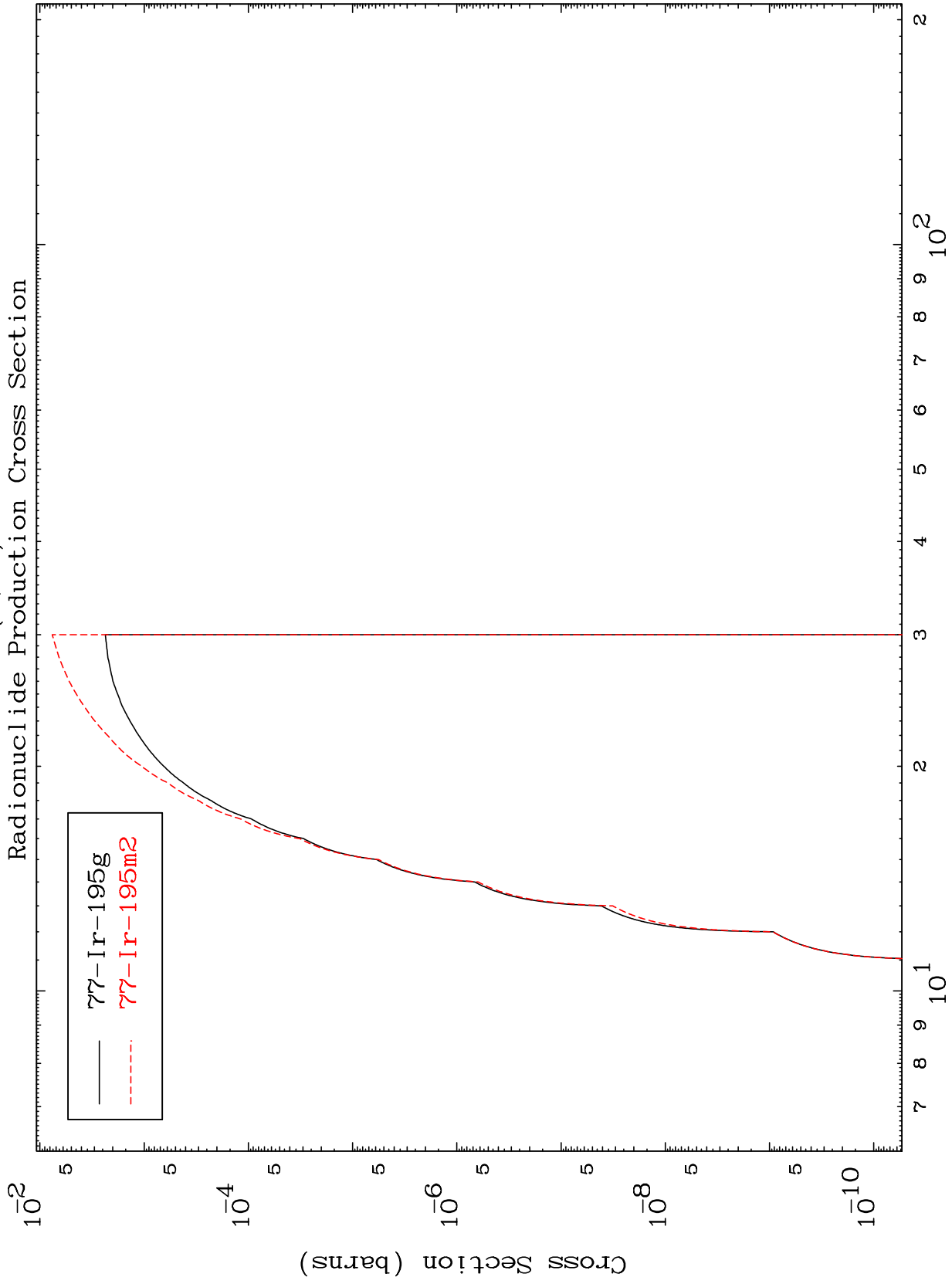
Incident Energy (MeV)

77-Ir-197

MAT 7744

(d,n') t

⁷⁷Ir-197



18

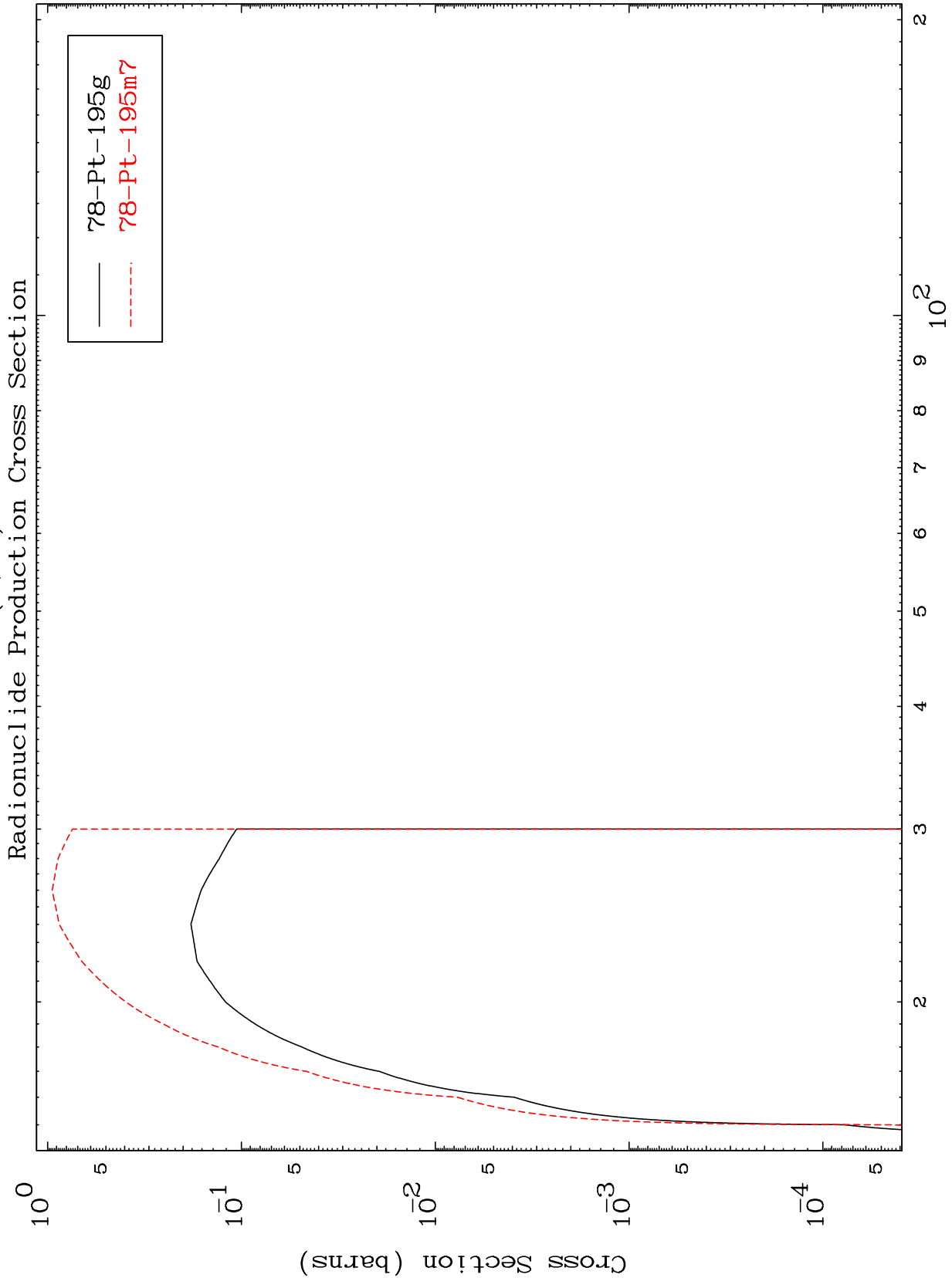
Incident Energy (MeV)

⁷⁷Ir-197

MAT 7744

(d,4n)

77-Ir-197



19

77-Ir-197

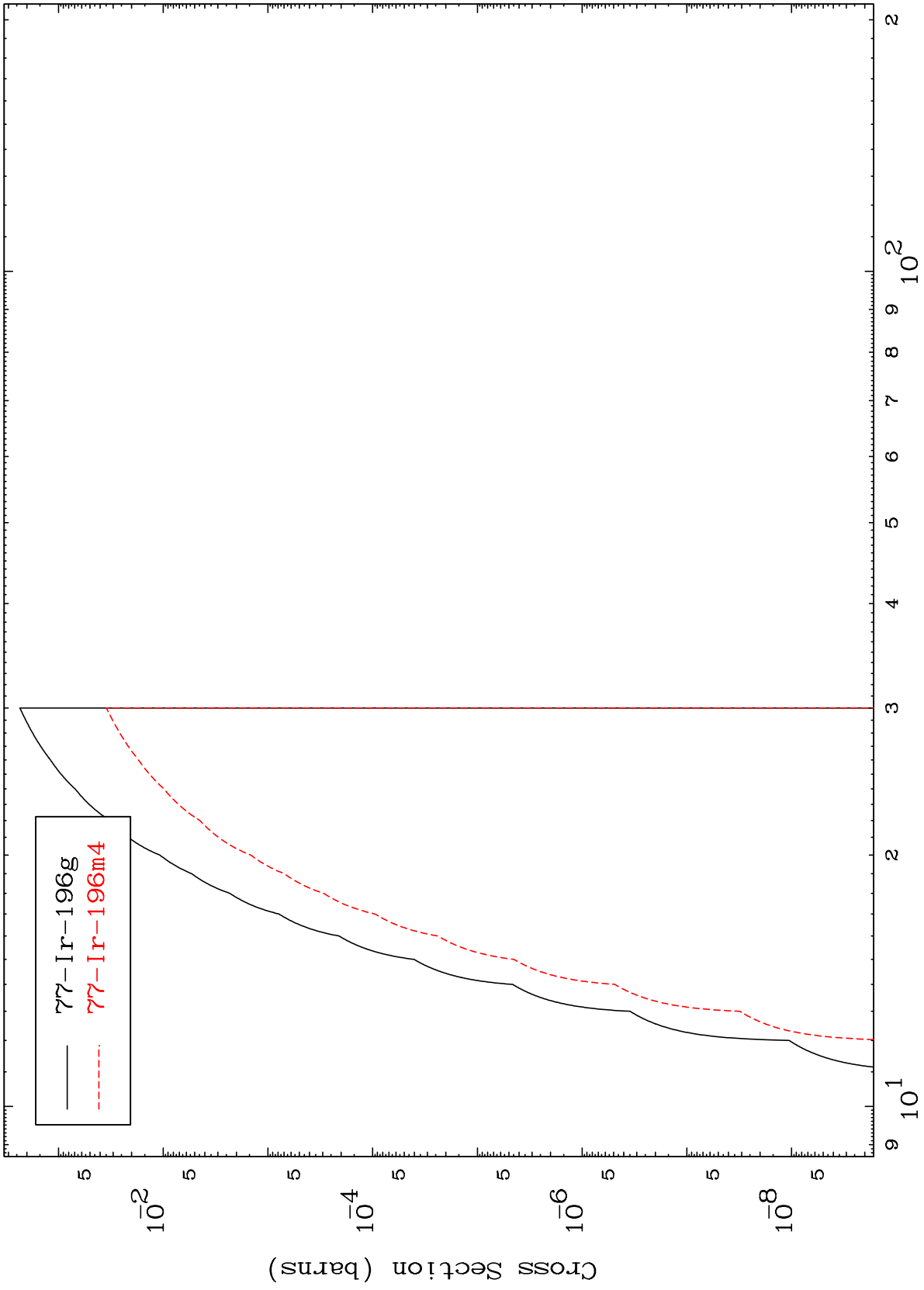
77-Ir-197

MAT 7744

(d,2n) p

⁷⁷Ir-197

Radionuclide Production Cross Section



— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

20

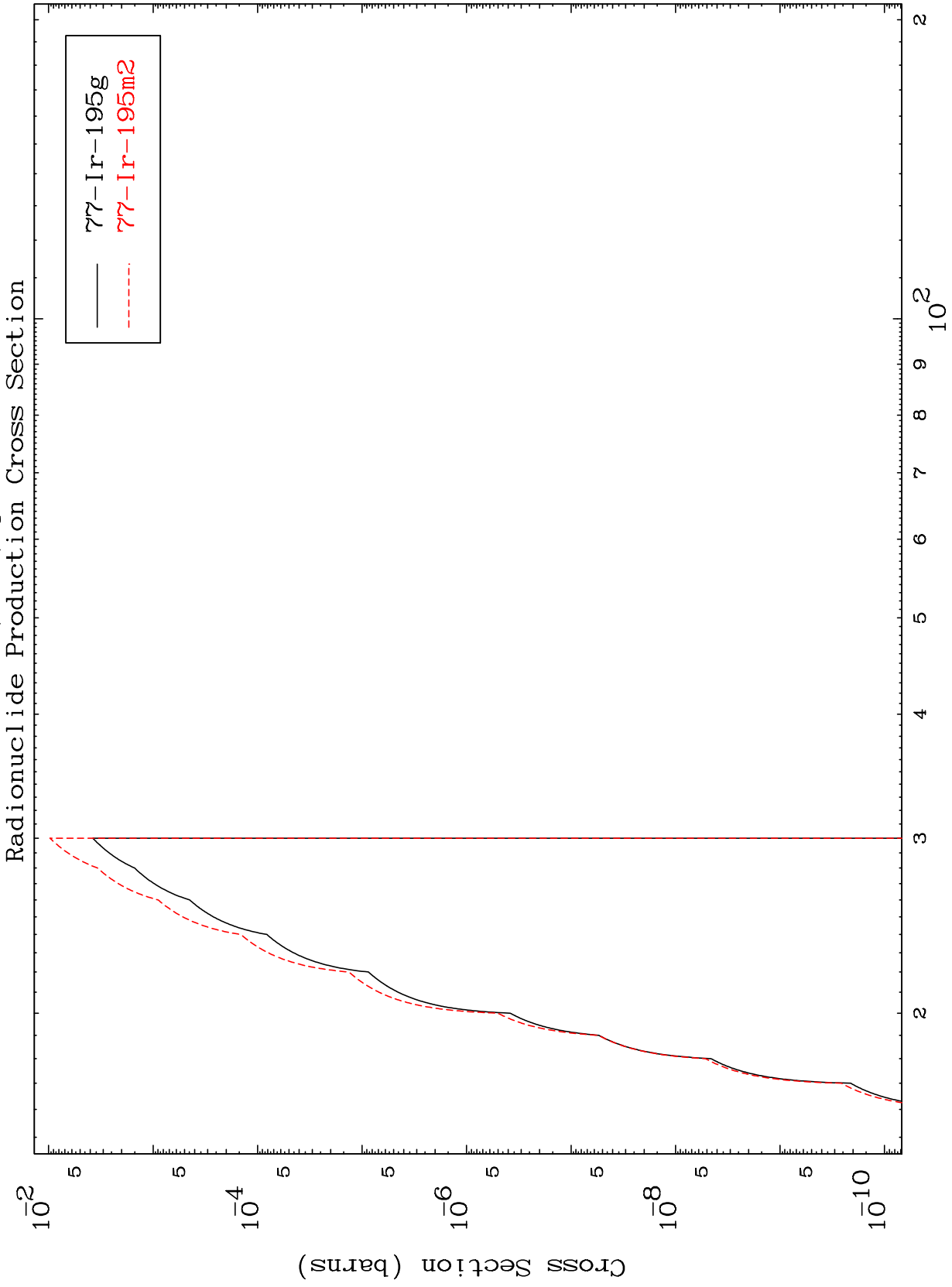
Incident Energy (MeV)

⁷⁷Ir-197

MAT 7744

(d,3n) p

77-Ir-197



21

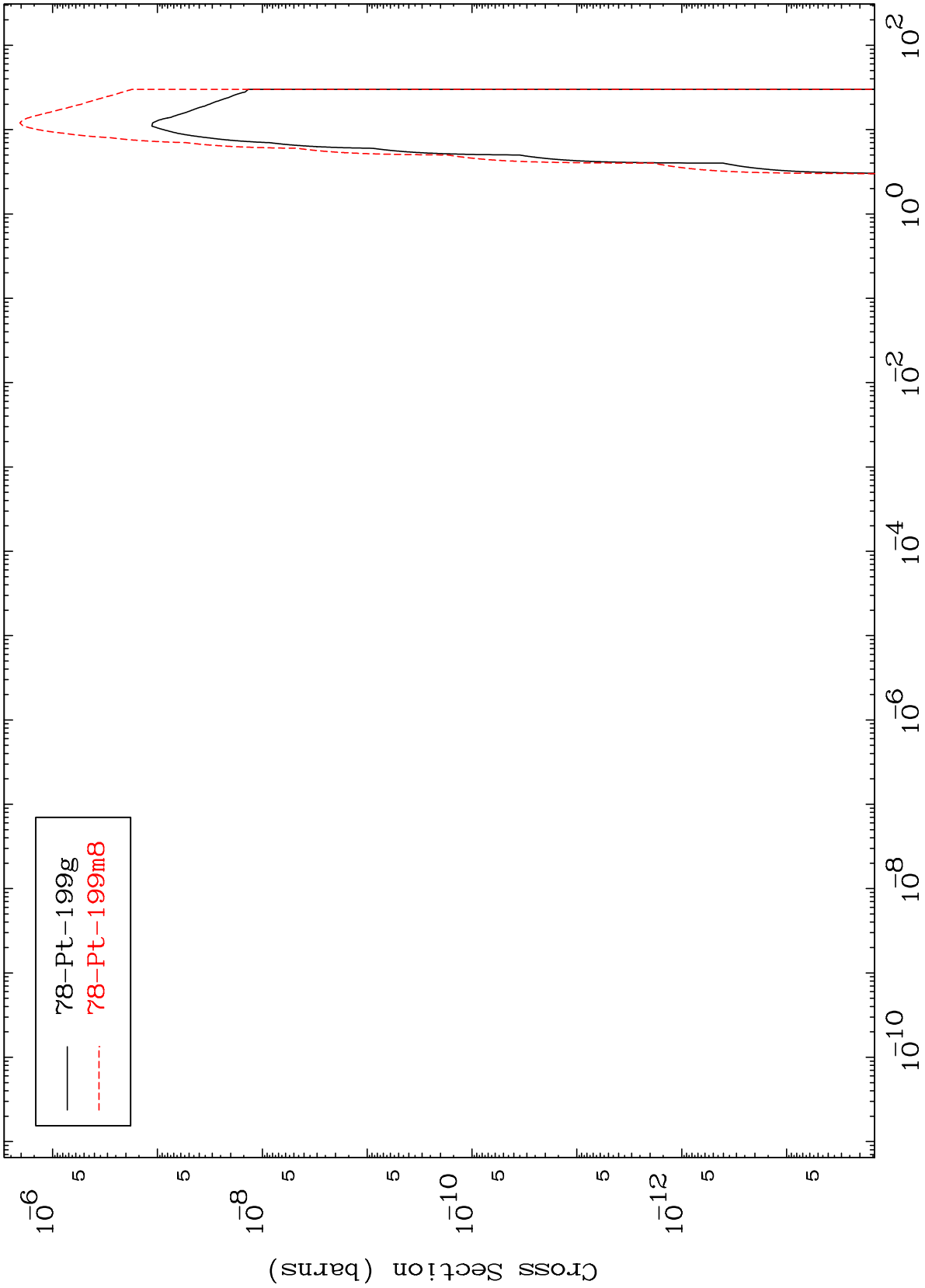
Incident Energy (MeV)

77-Ir-197

MAT 7744

(d, γ)
Radionuclide Production Cross Section

77-Ir-197



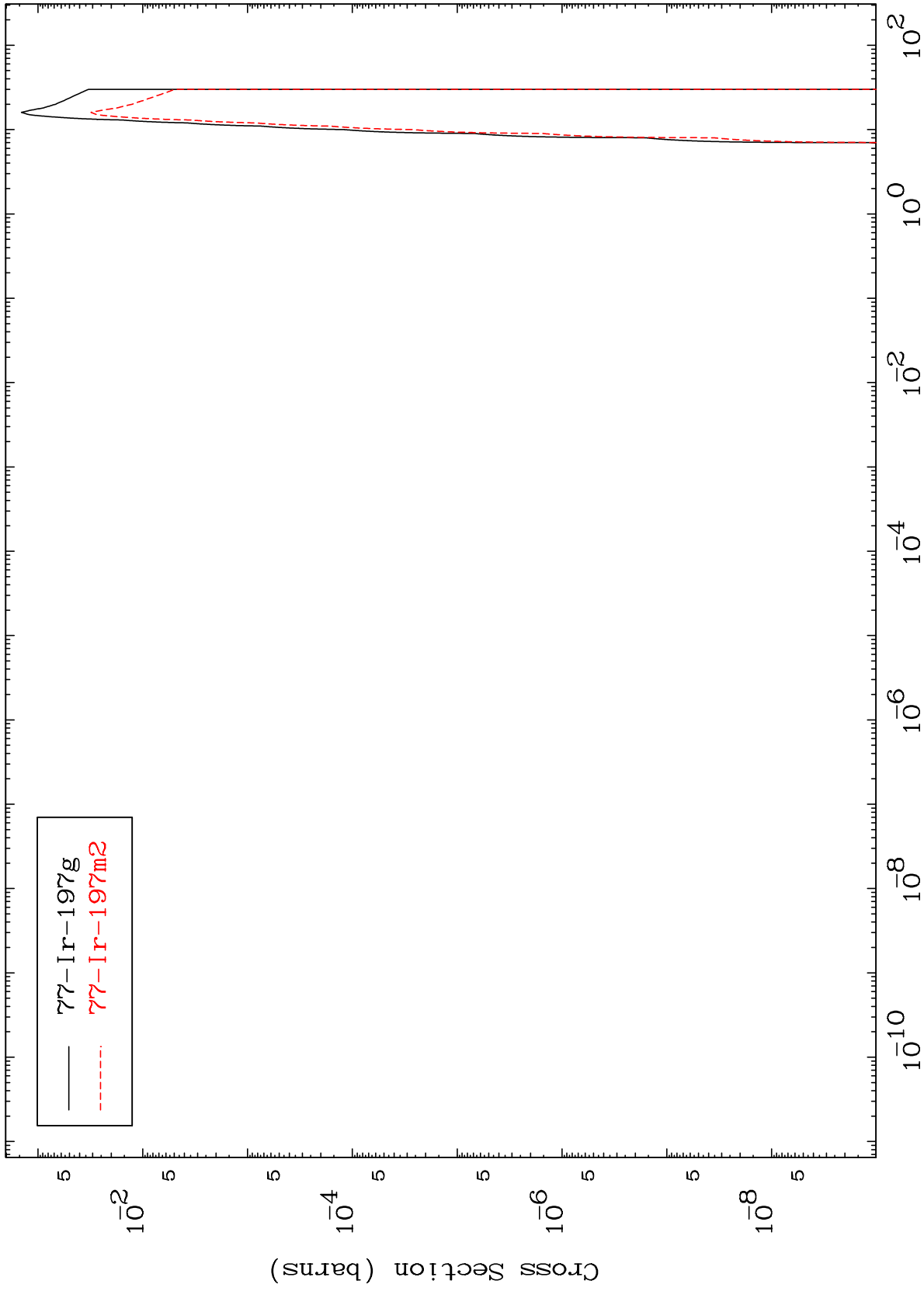
77-Ir-197

MAT 7744

(d,d)

Radionuclide Production Cross Section

⁷⁷Ir-197



23

Incident Energy (MeV)

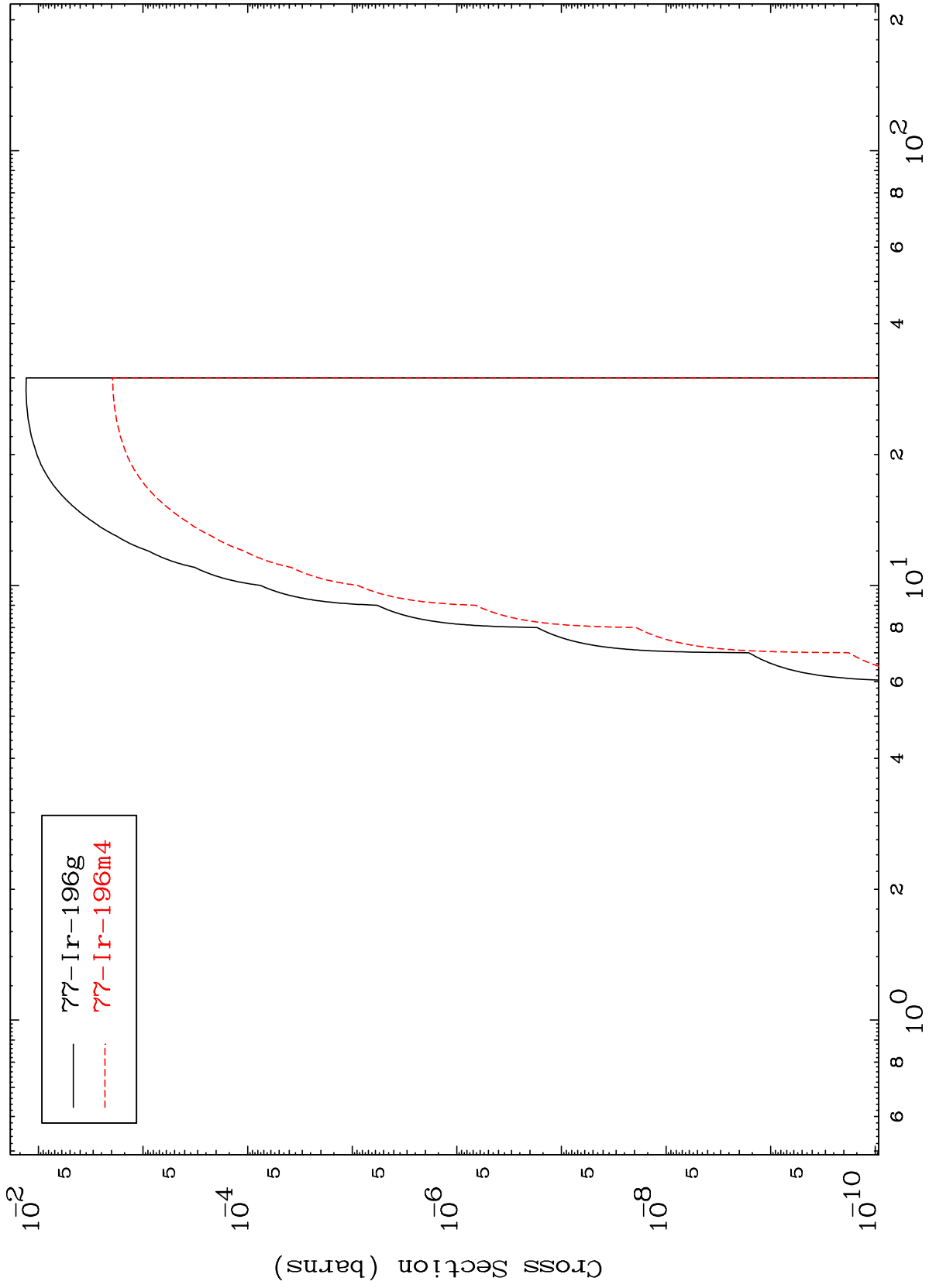
⁷⁷Ir-197

MAT 7744

(d, t)

77-Ir-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

77-Ir-197