

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

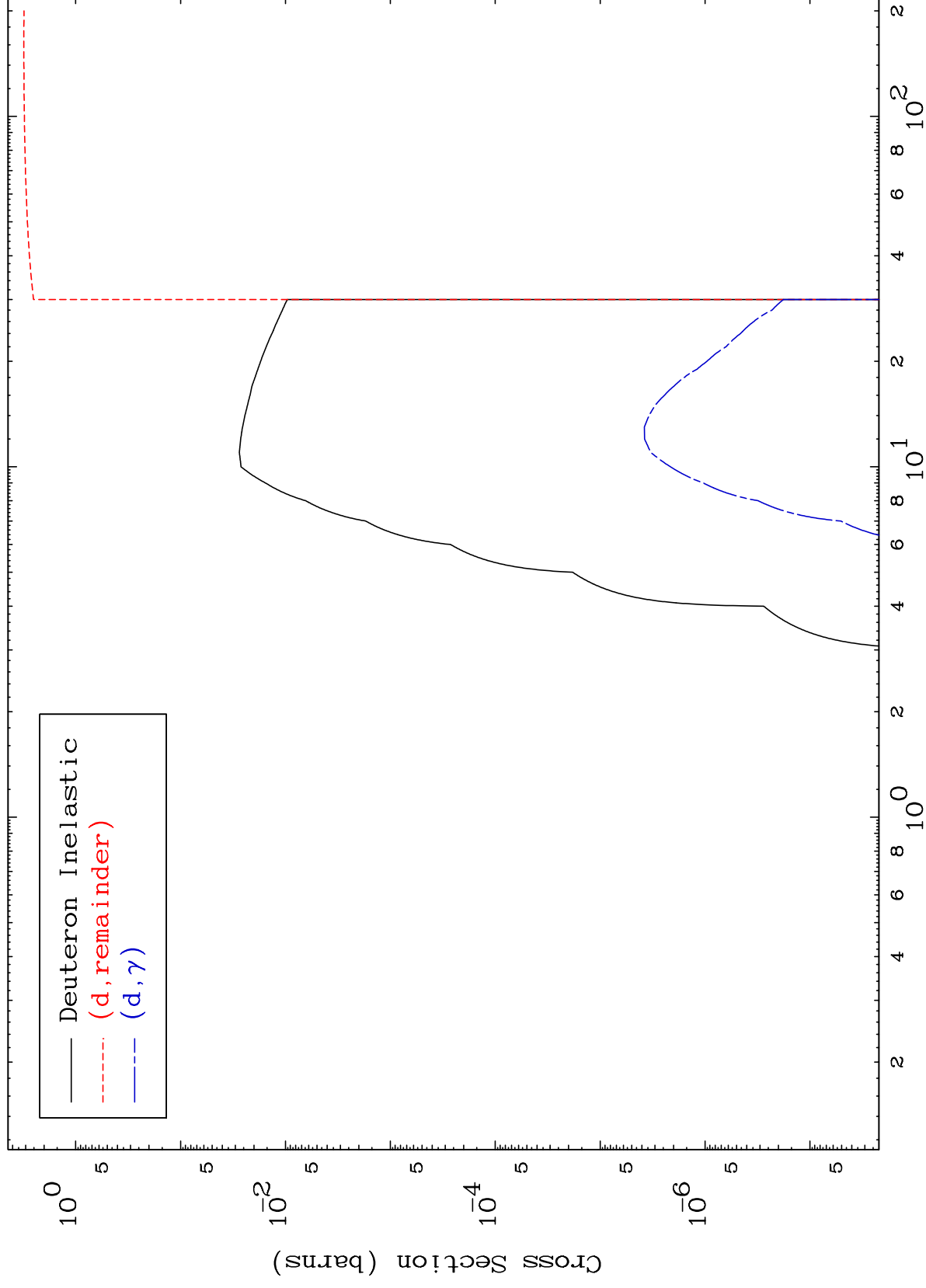
Press Mouse Button to Start

MAT 7731

Deuteron Major

⁷⁷Ir-193

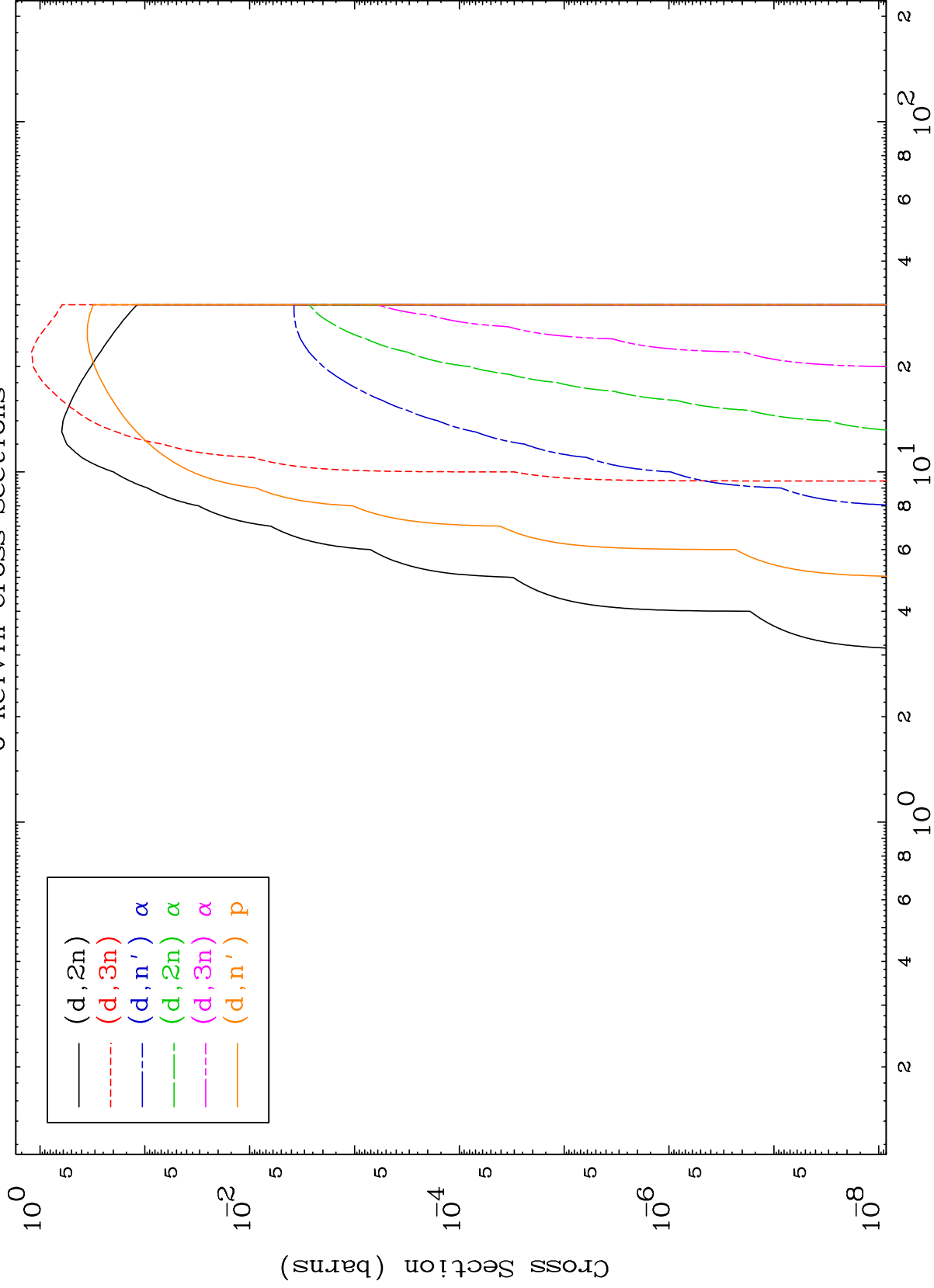
0 Kelvin Cross Sections

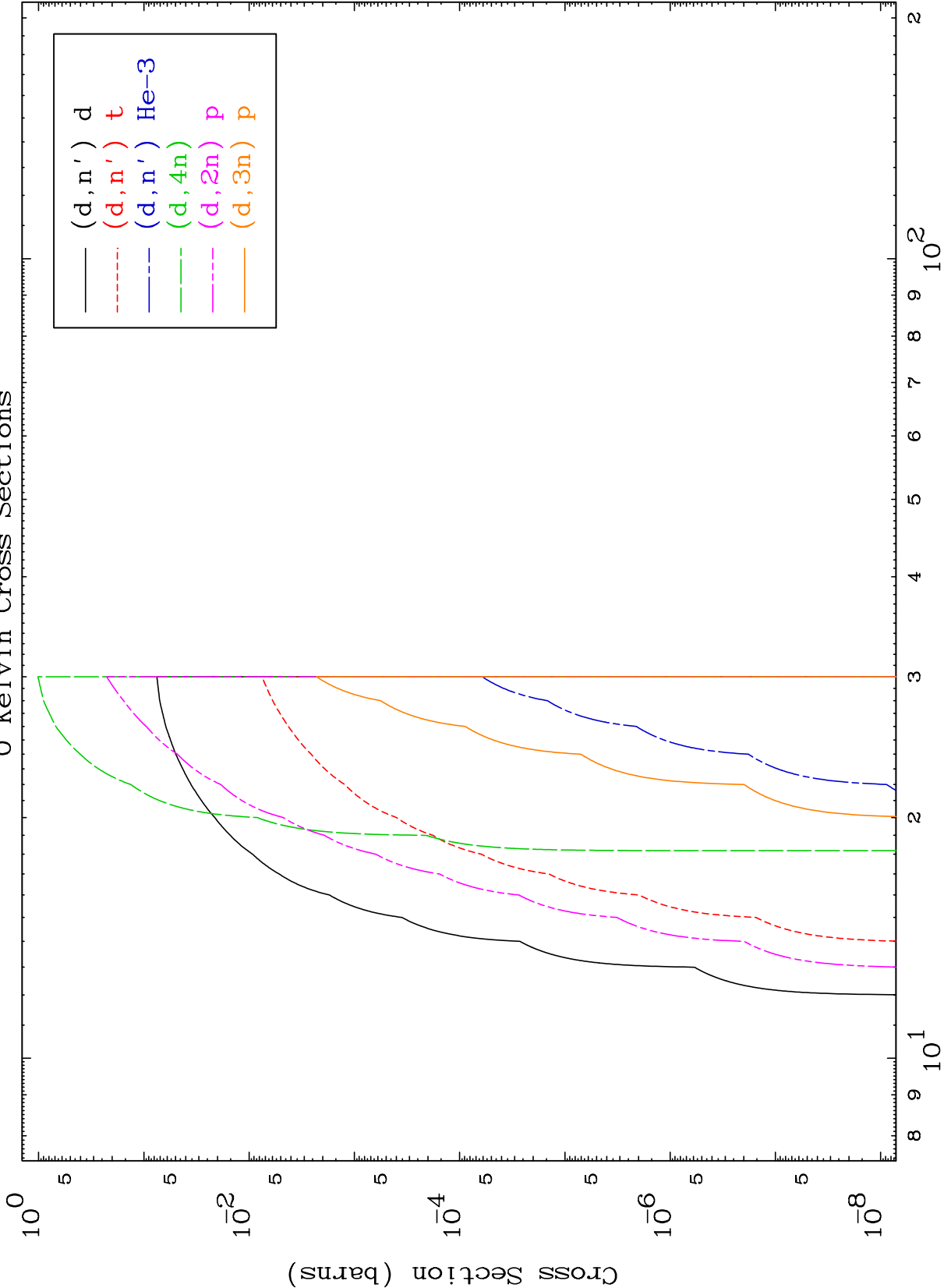


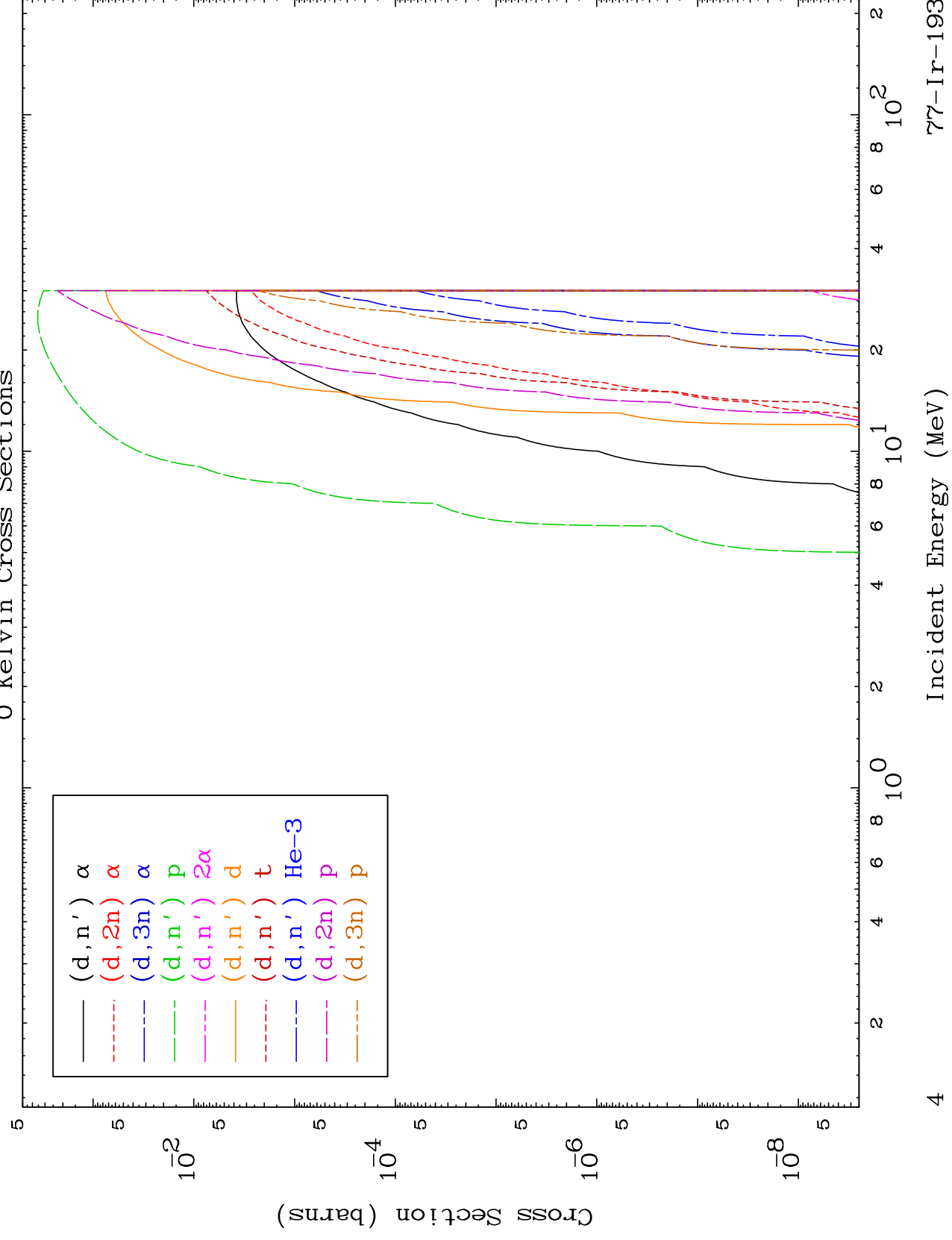
1

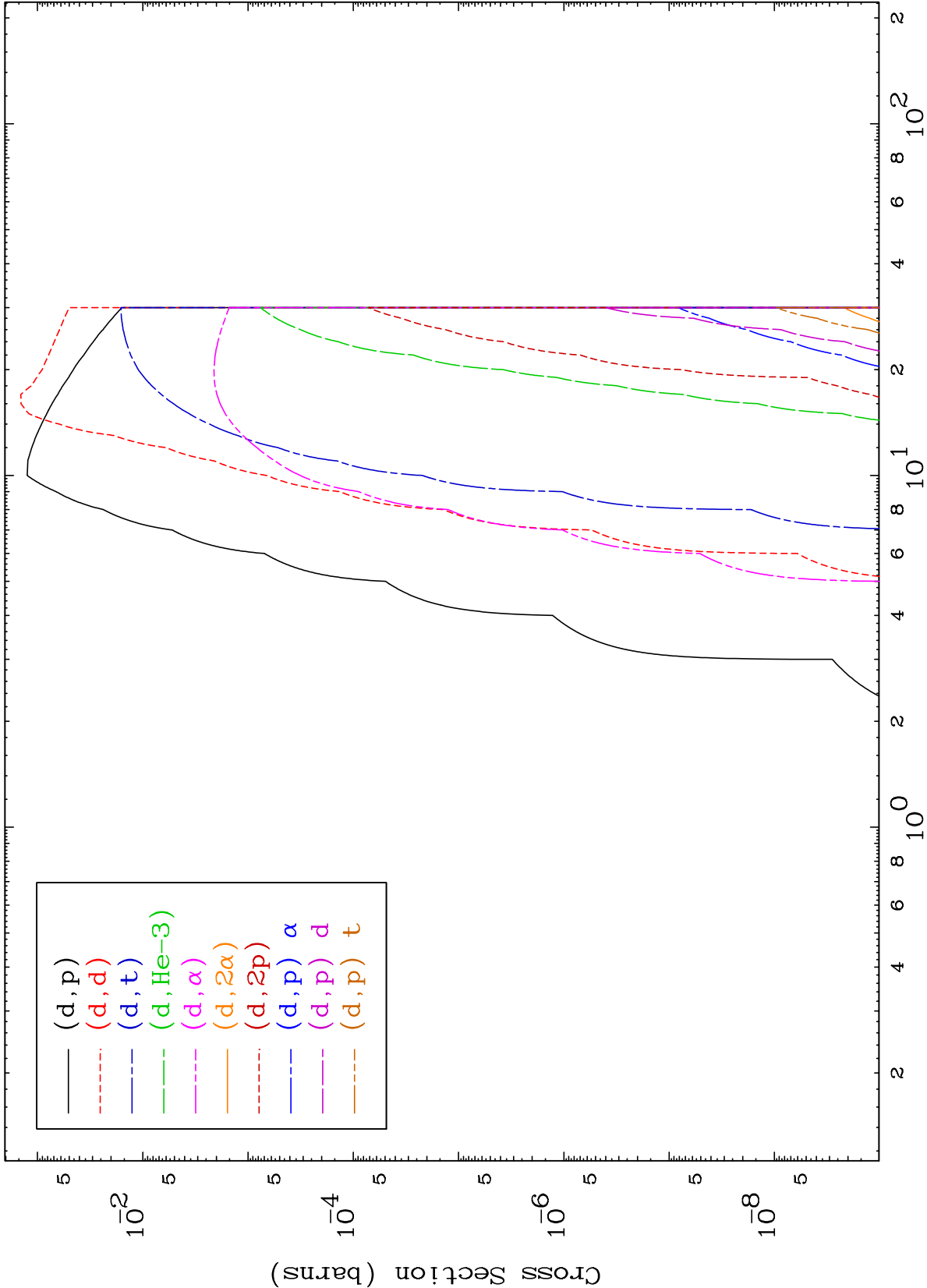
Incident Energy (MeV)

⁷⁷Ir-193





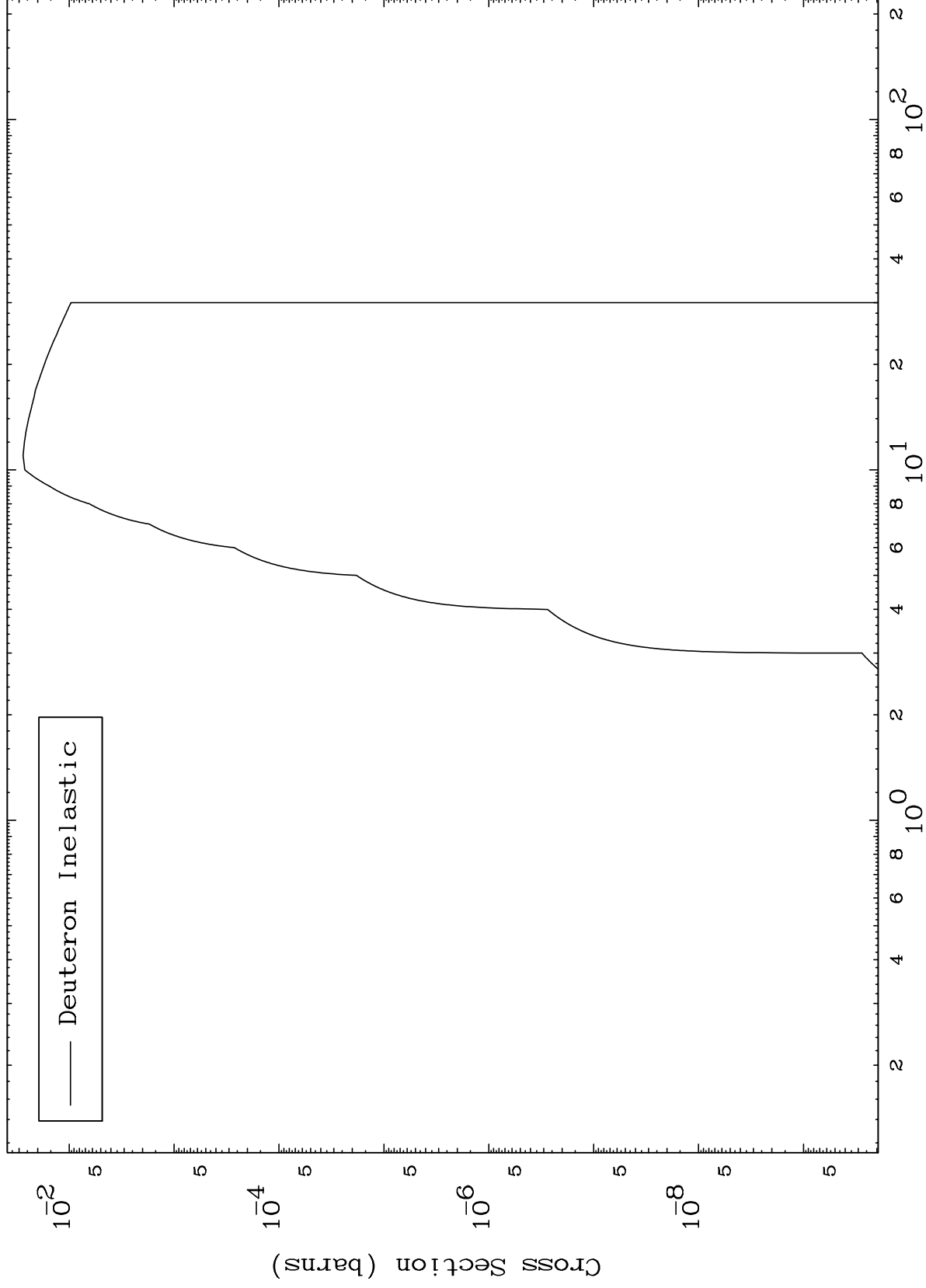




MAT 7731

77-Ir-193

(d,n') Level
0 Kelvin Cross Sections



6

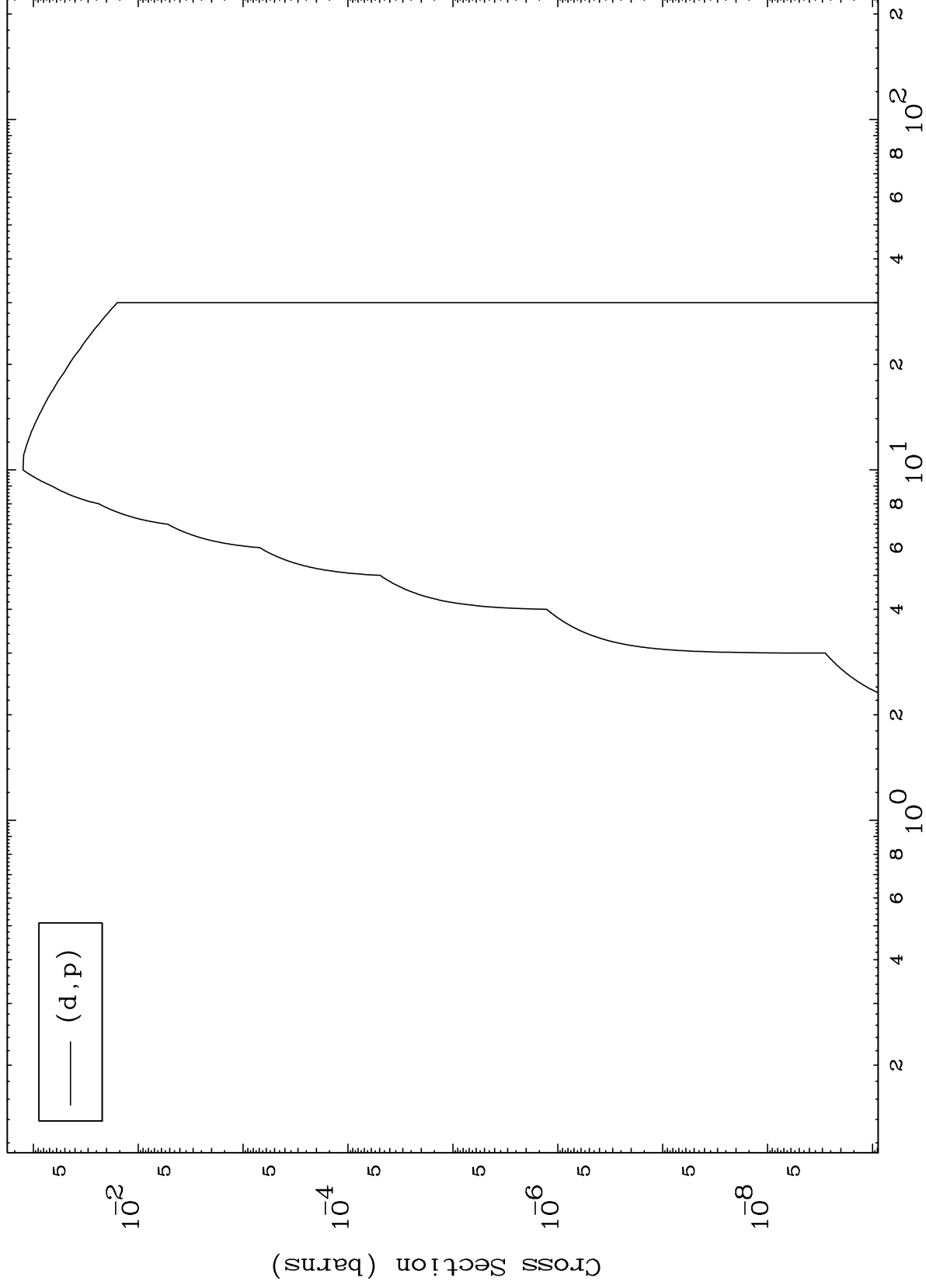
Incident Energy (MeV)

77-Ir-193

MAT 7731

77-Ir-193

(d,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

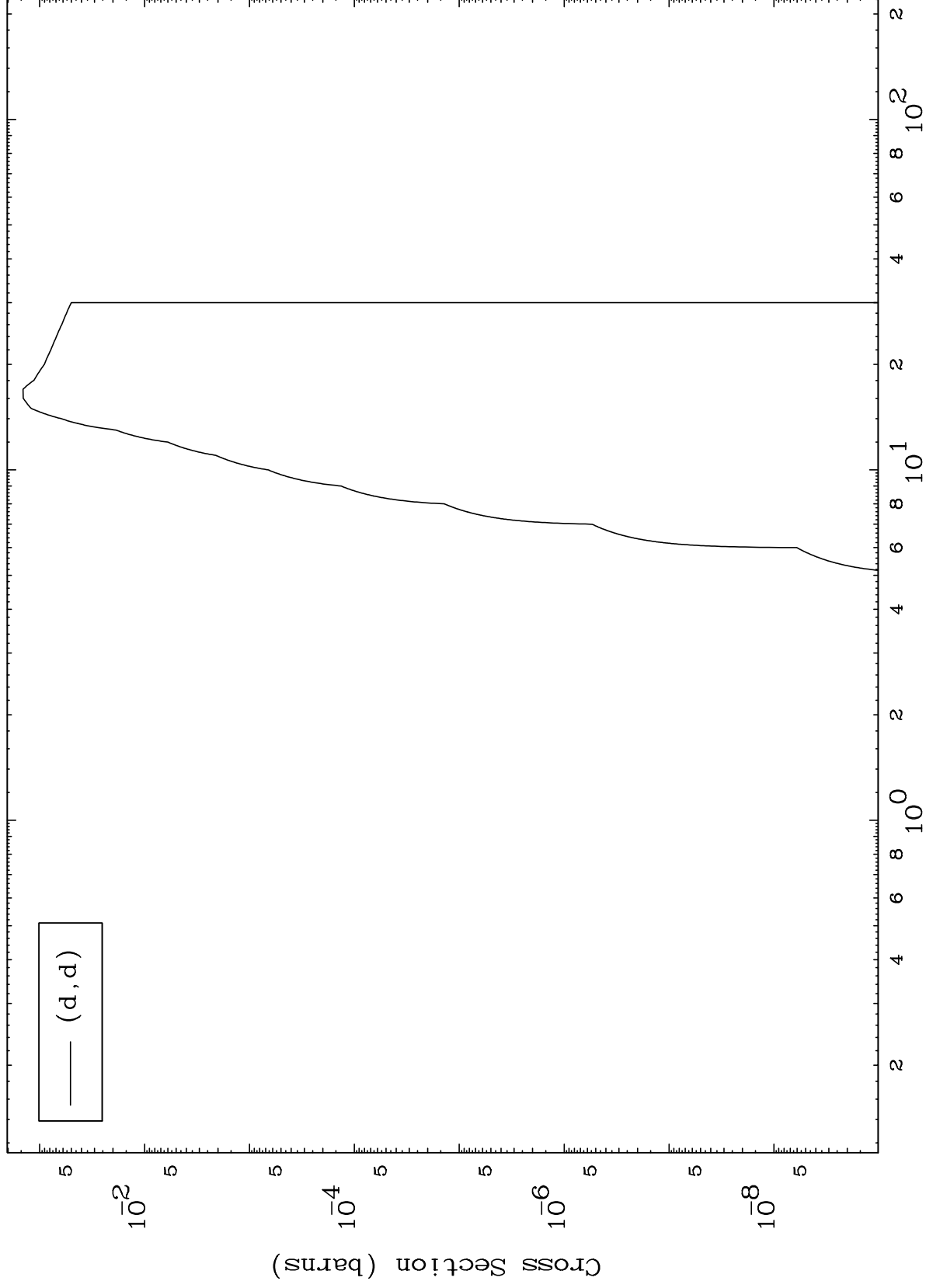
77-Ir-193

MAT 7731

(d,d) Levels

⁷⁷Ir-193

0 Kelvin Cross Sections



8

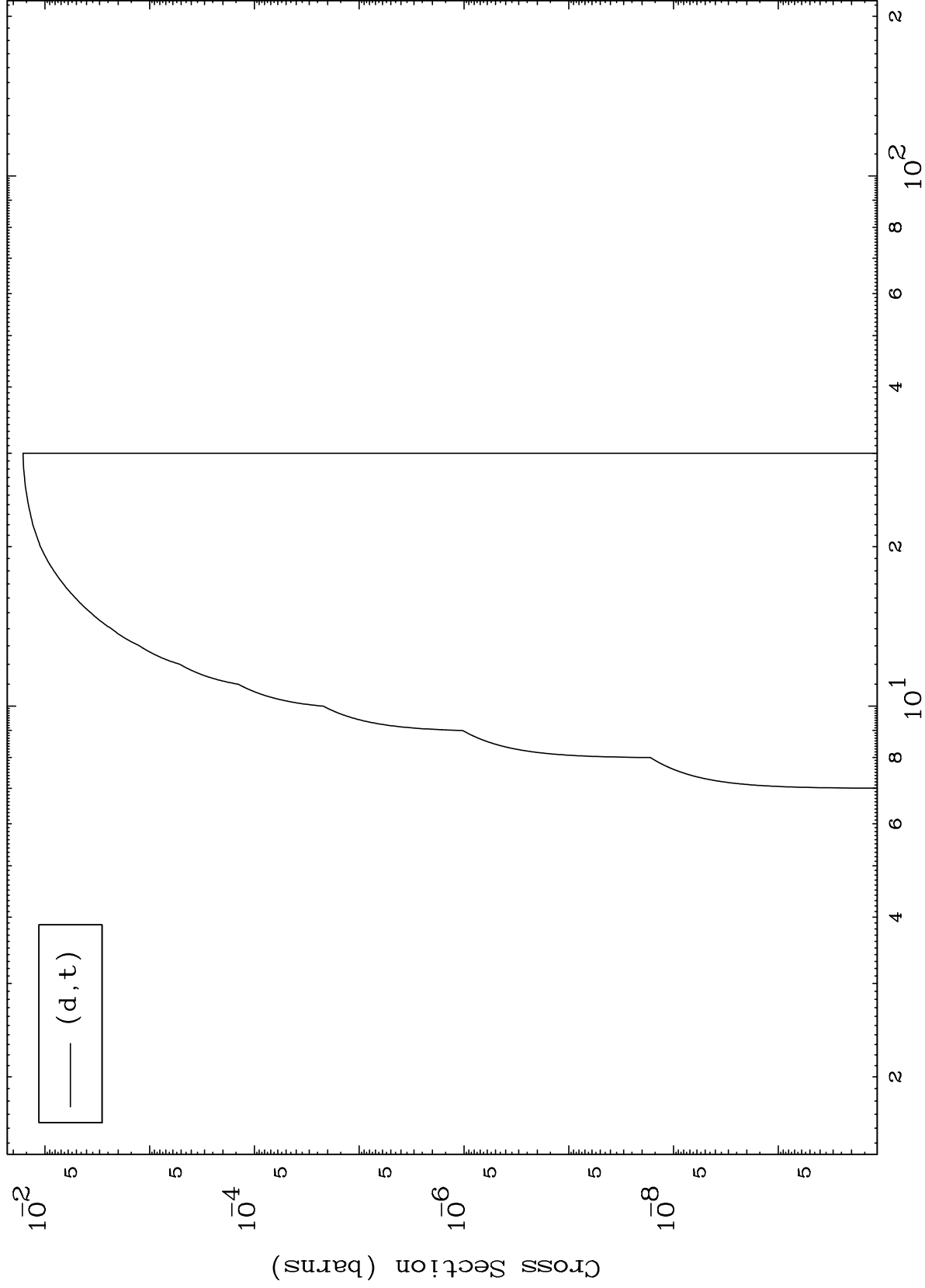
Incident Energy (MeV)

⁷⁷Ir-193

MAT 7731

77-Ir-193

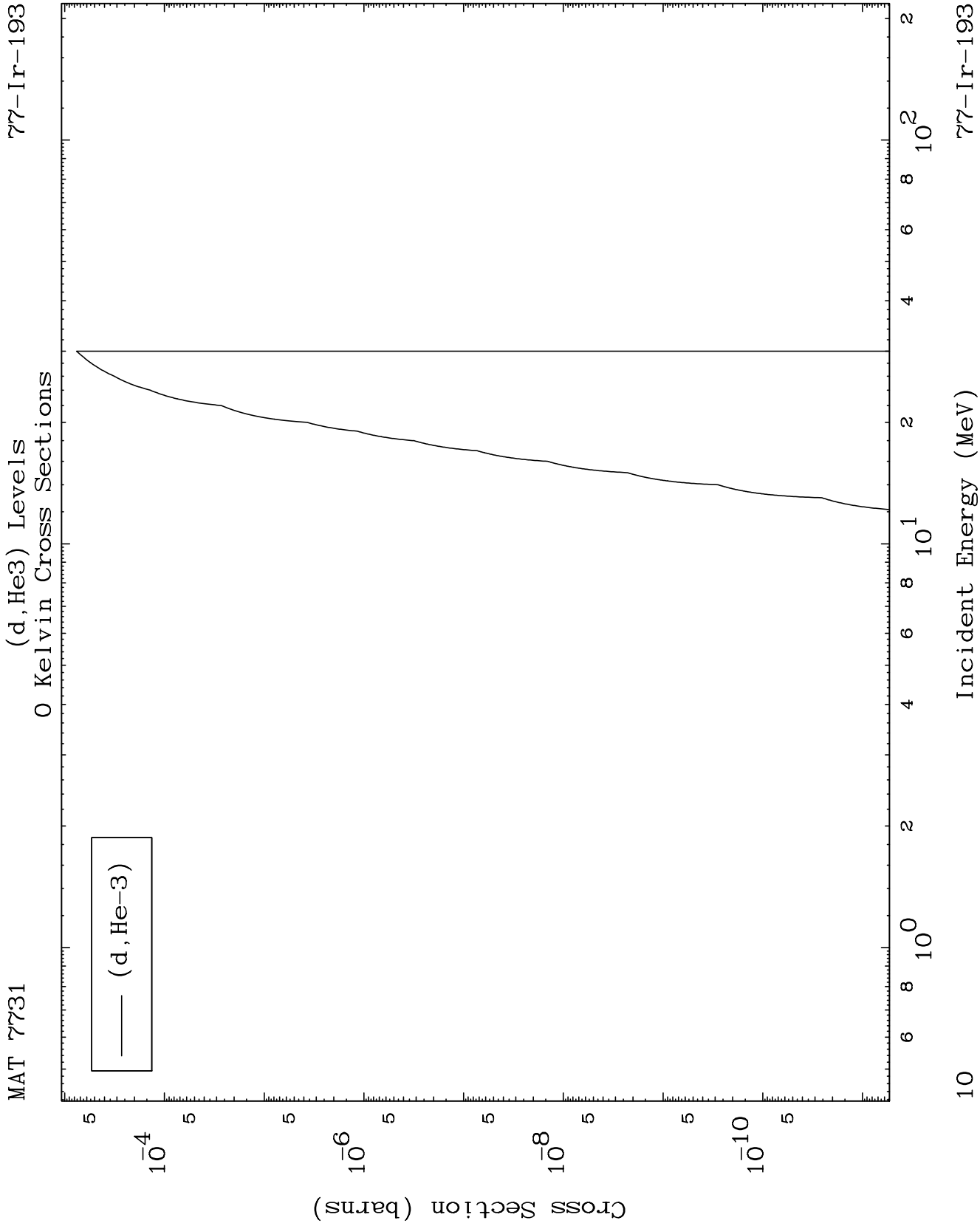
(d,t) Levels
0 Kelvin Cross Sections



9

77-Ir-193

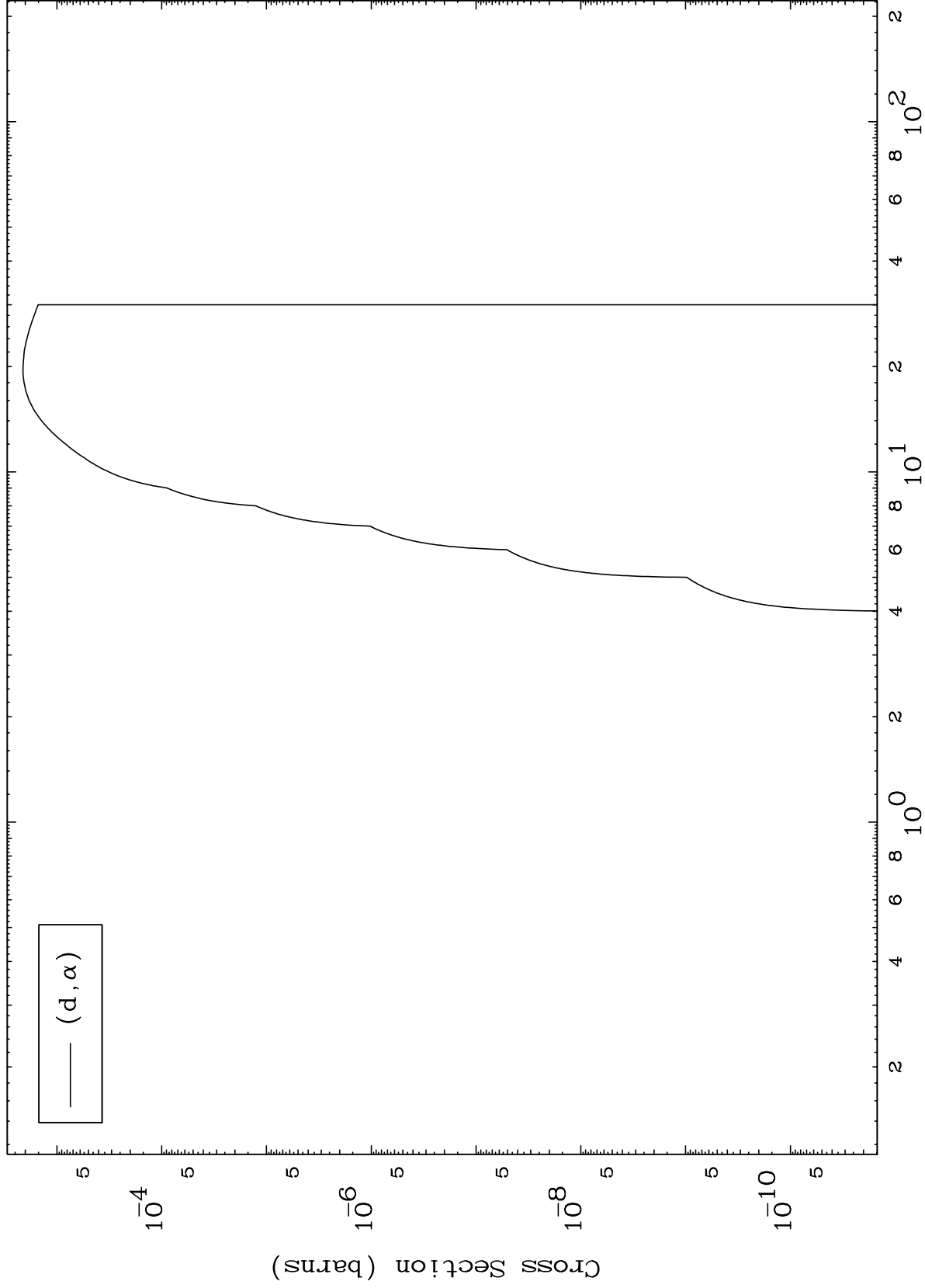
Incident Energy (MeV)



MAT 7731

77-Ir-193

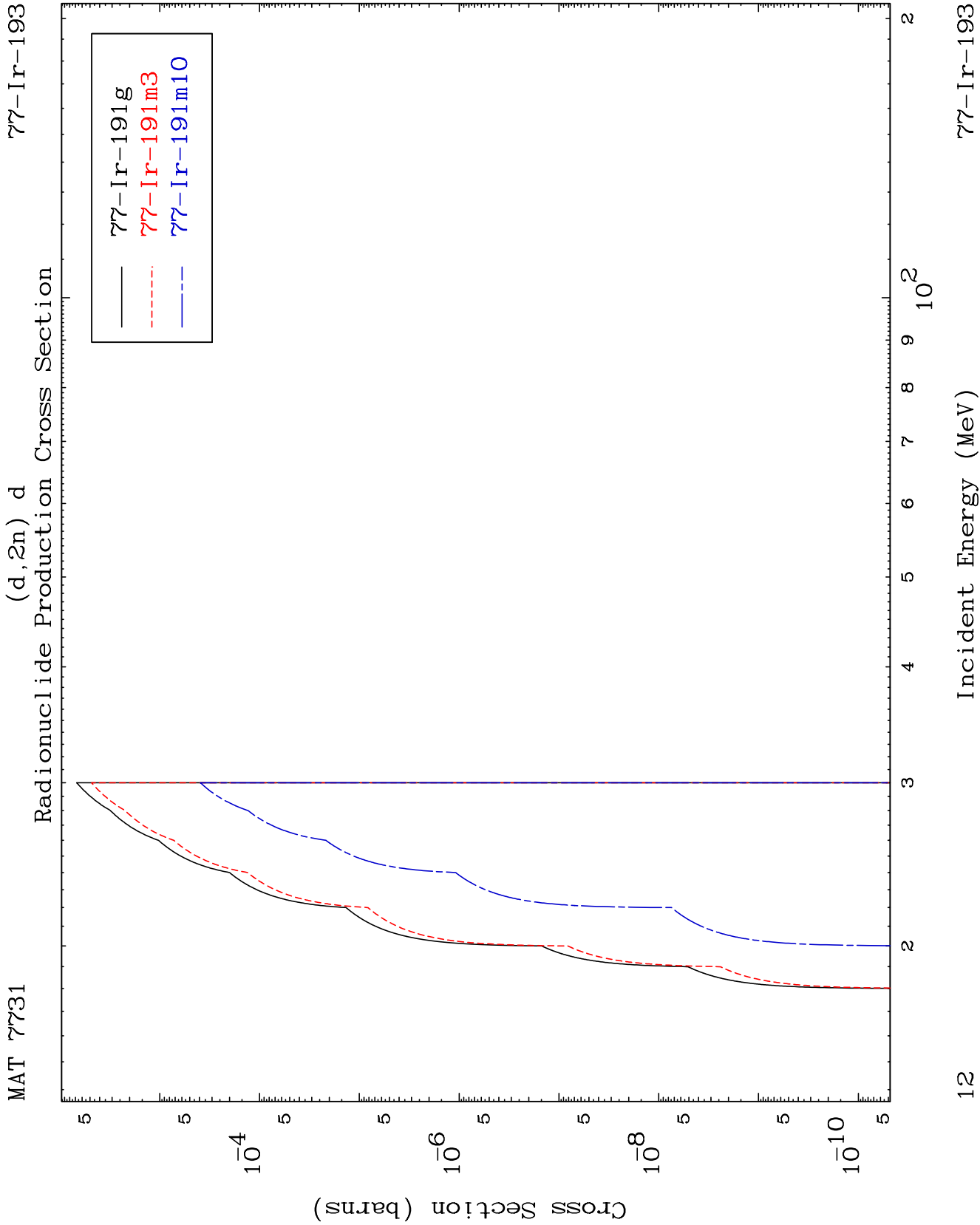
(d, α) Levels
0 Kelvin Cross Sections



11

Incident Energy (MeV)

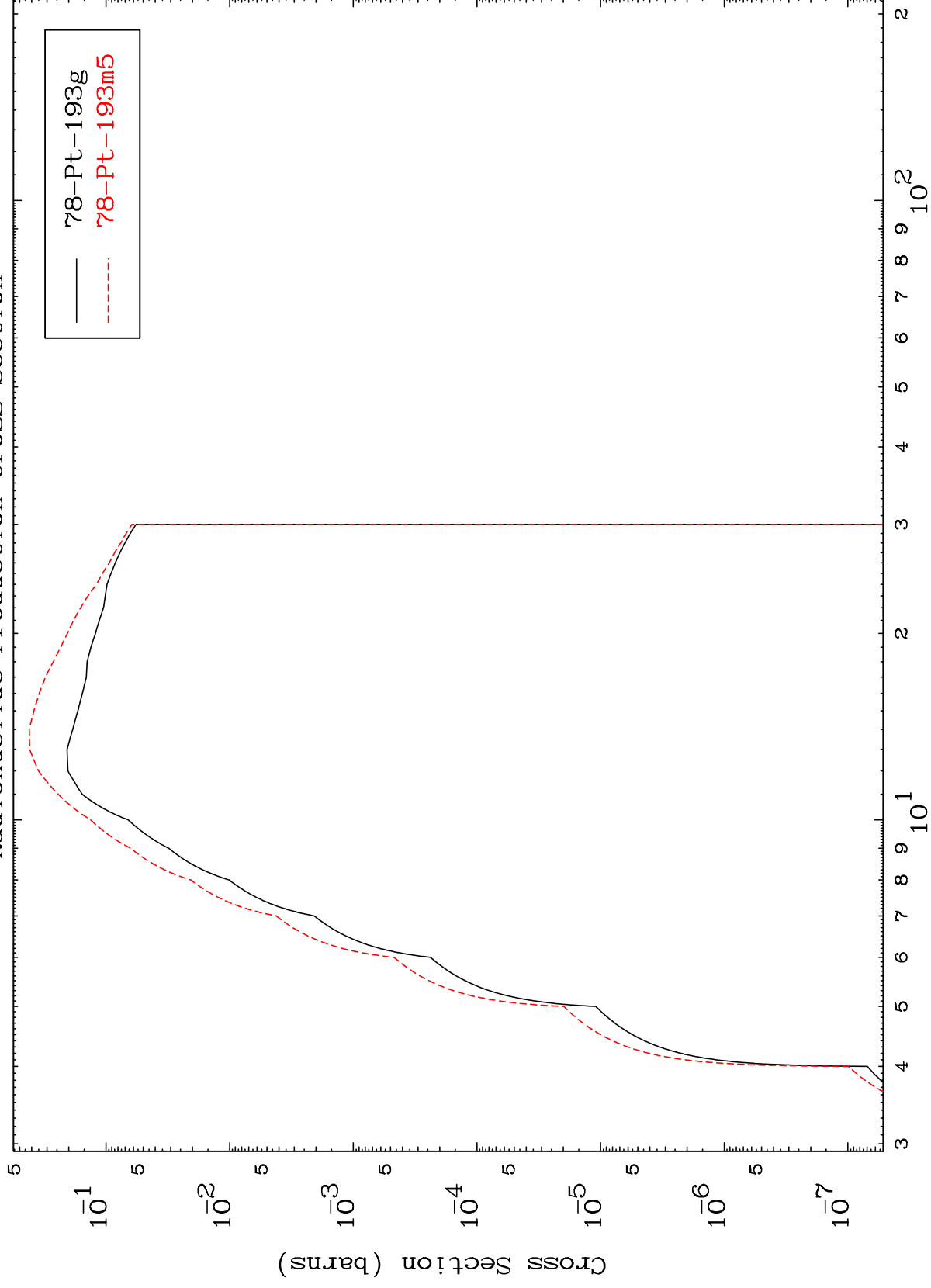
77-Ir-193



MAT 7731

⁷⁷Ir-193

(d,2n)
Radionuclide Production Cross Section



⁷⁷Ir-193

Incident Energy (MeV)

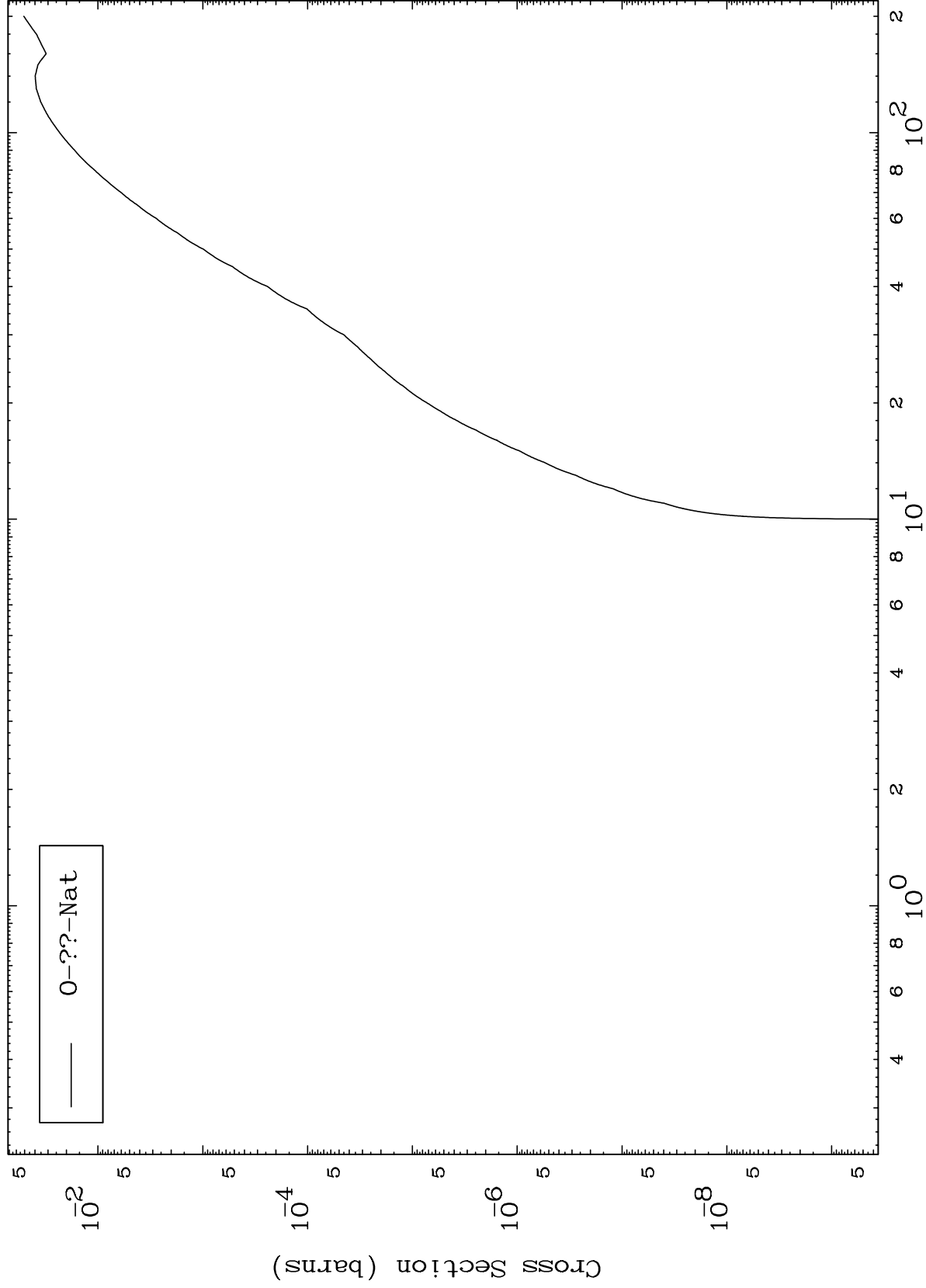
13

MAT 7731

Deuteron Fission

⁷⁷Ir-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

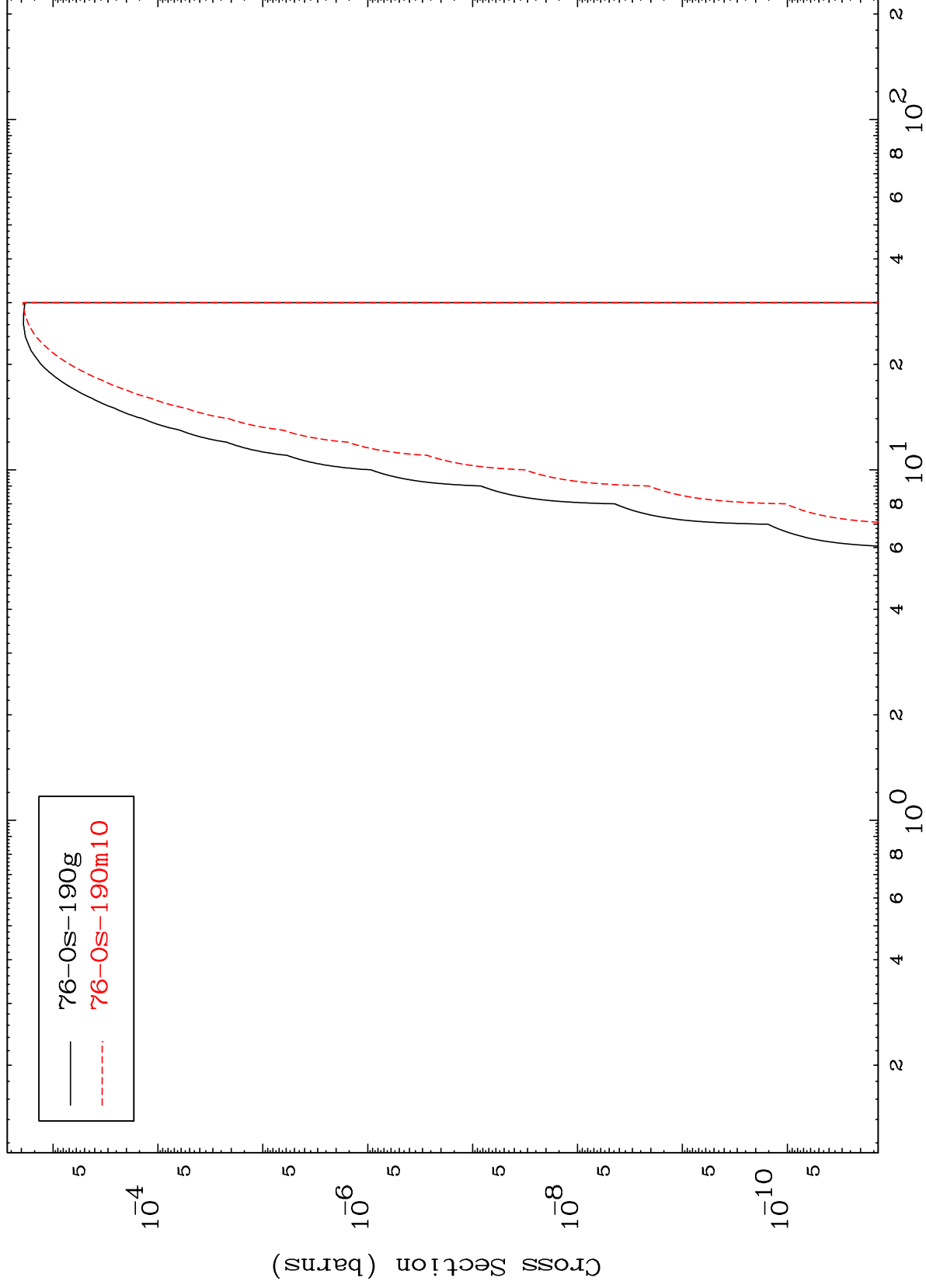
⁷⁷Ir-193

MAT 7731

$(d,n') \alpha$

$^{77}\text{Ir-193}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

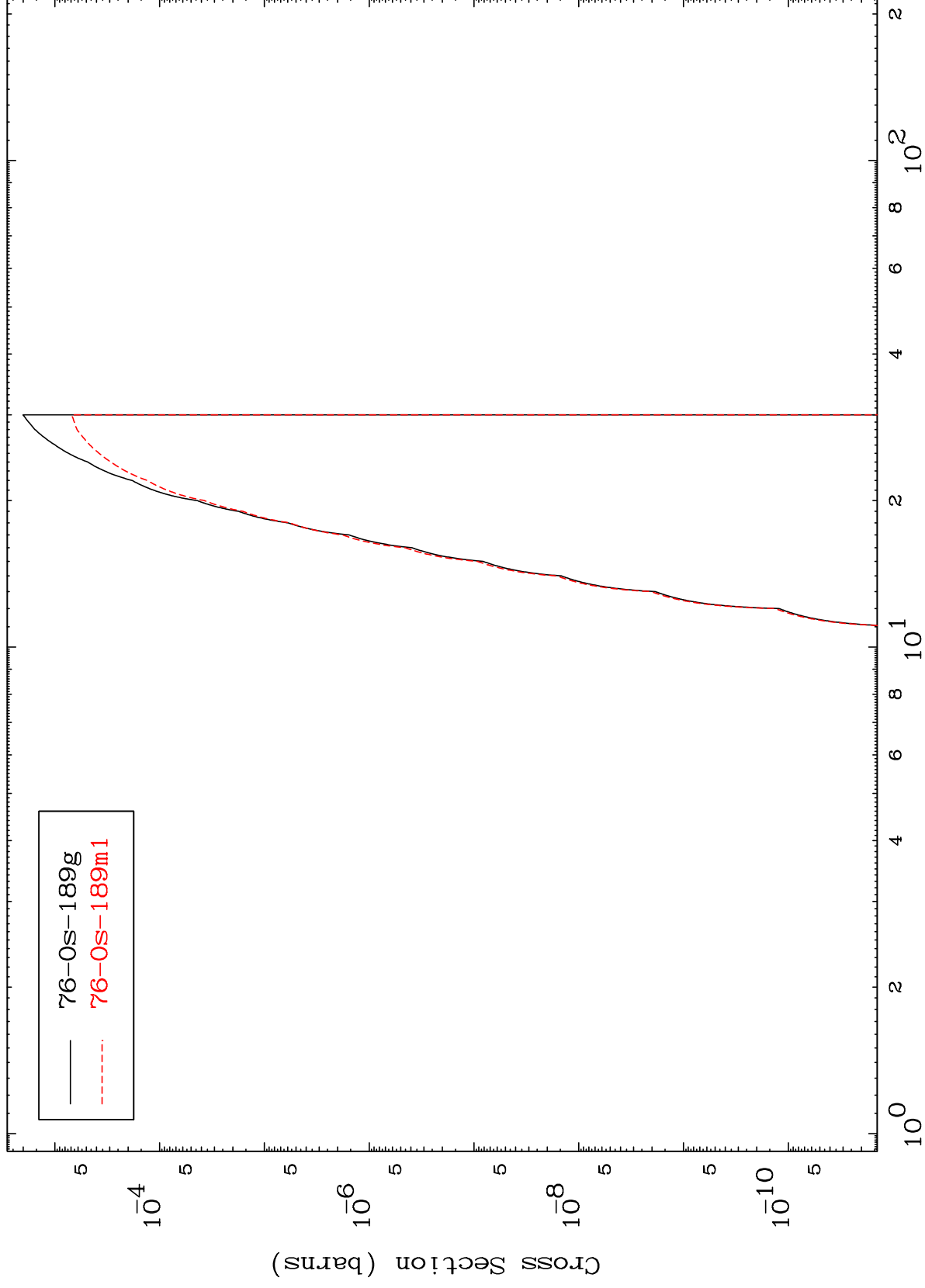
$^{77}\text{Ir-193}$

MAT 7731

⁷⁷Ir-193

(d,2n) α

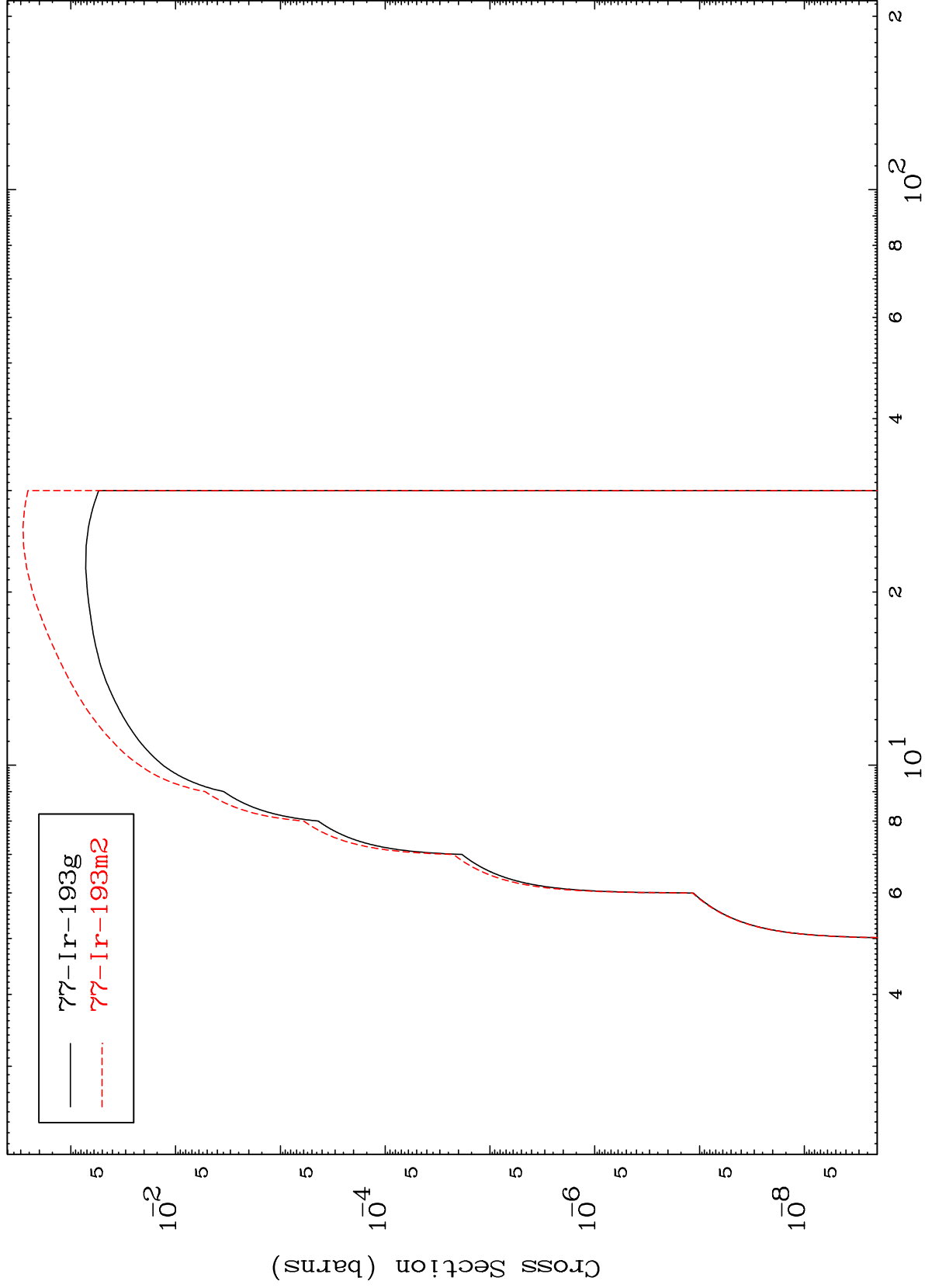
Radionuclide Production Cross Section

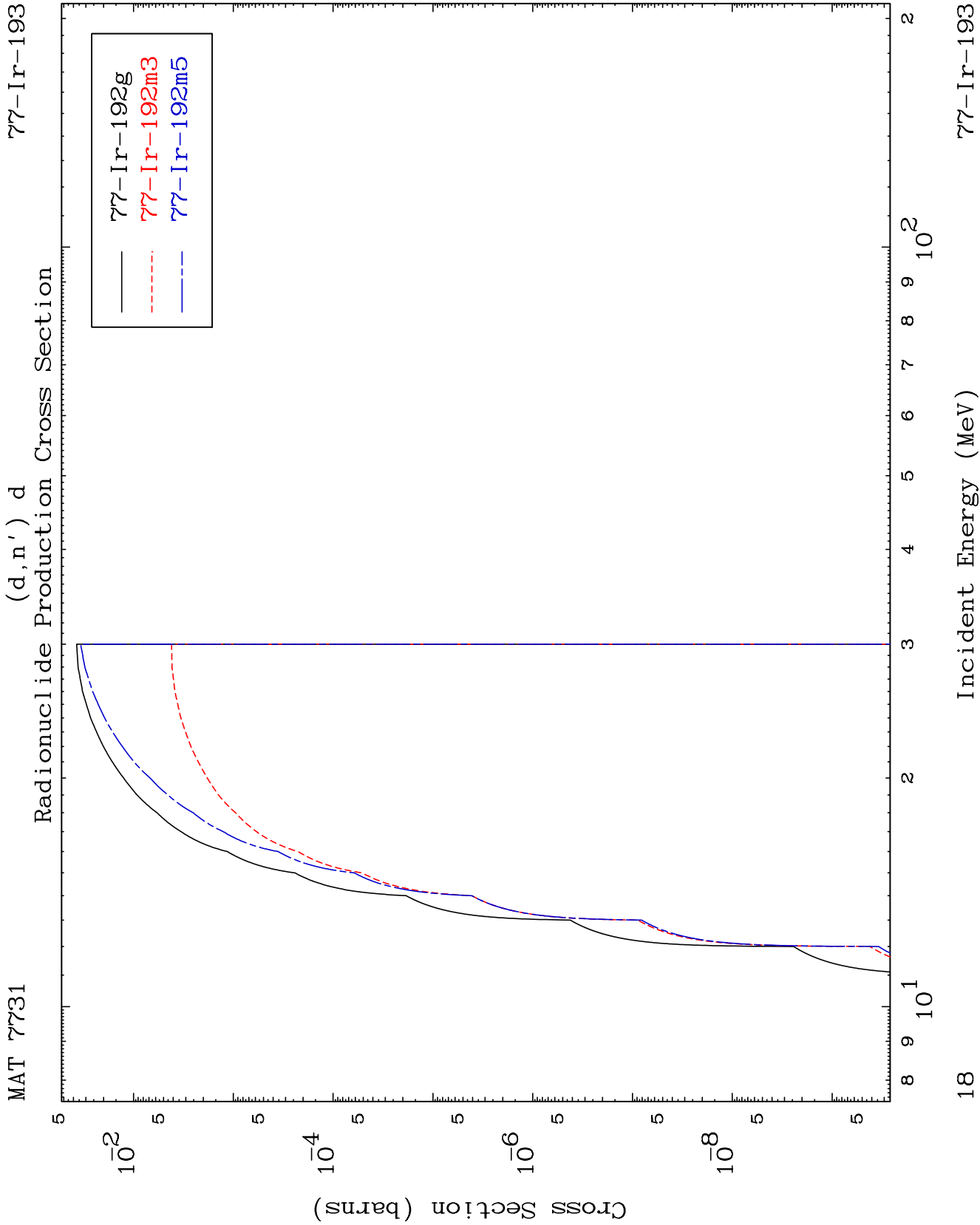


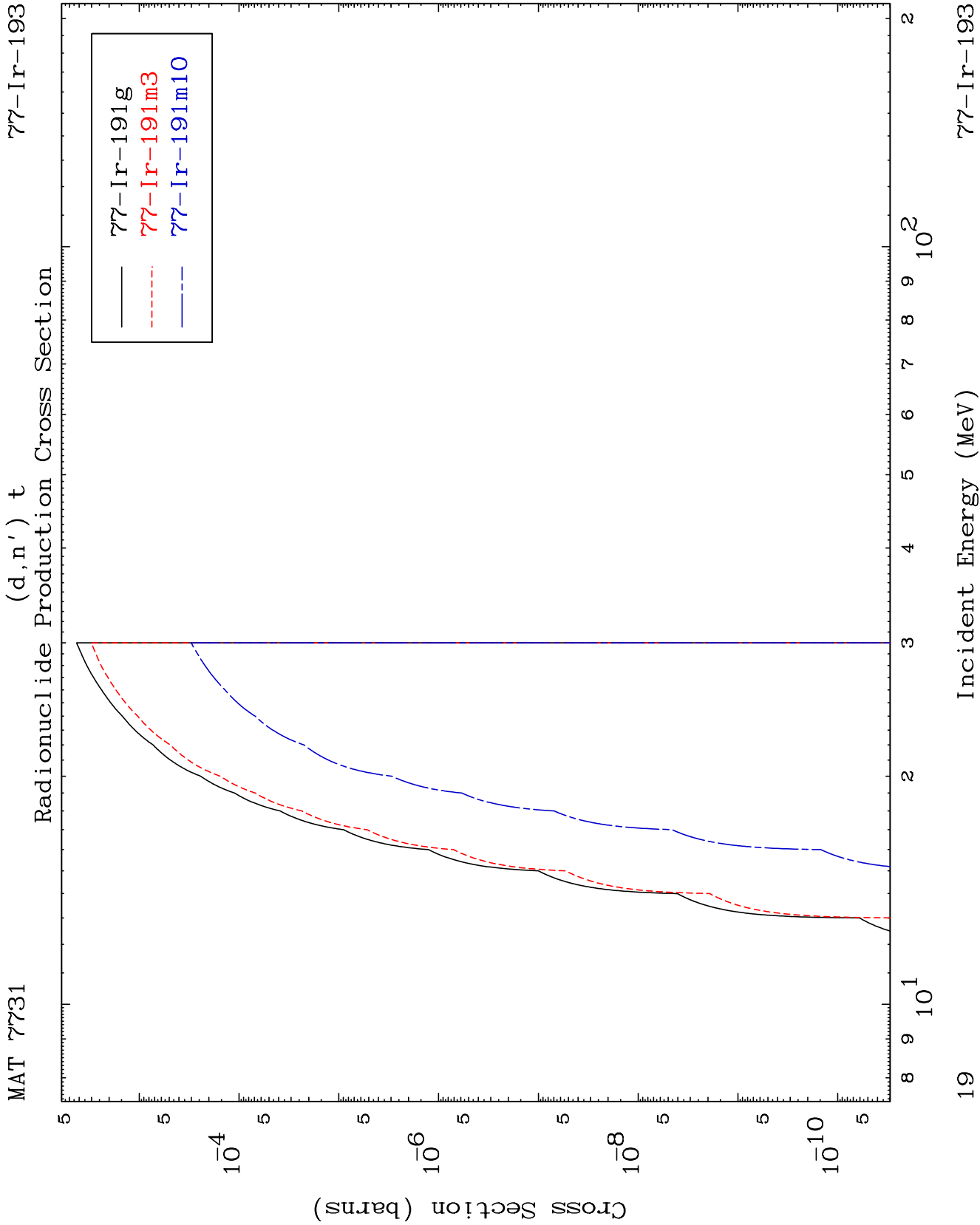
Incident Energy (MeV)

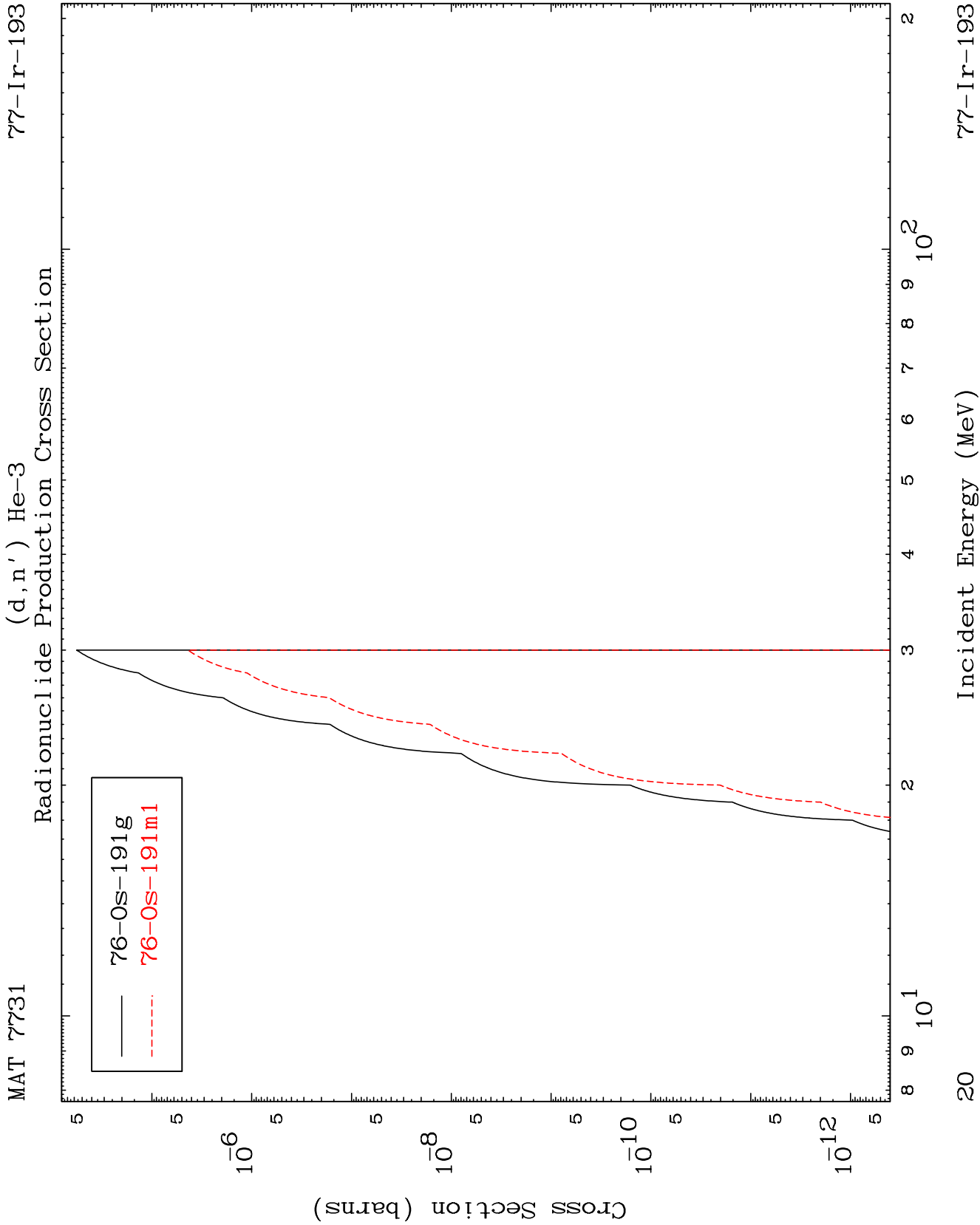
⁷⁷Ir-193

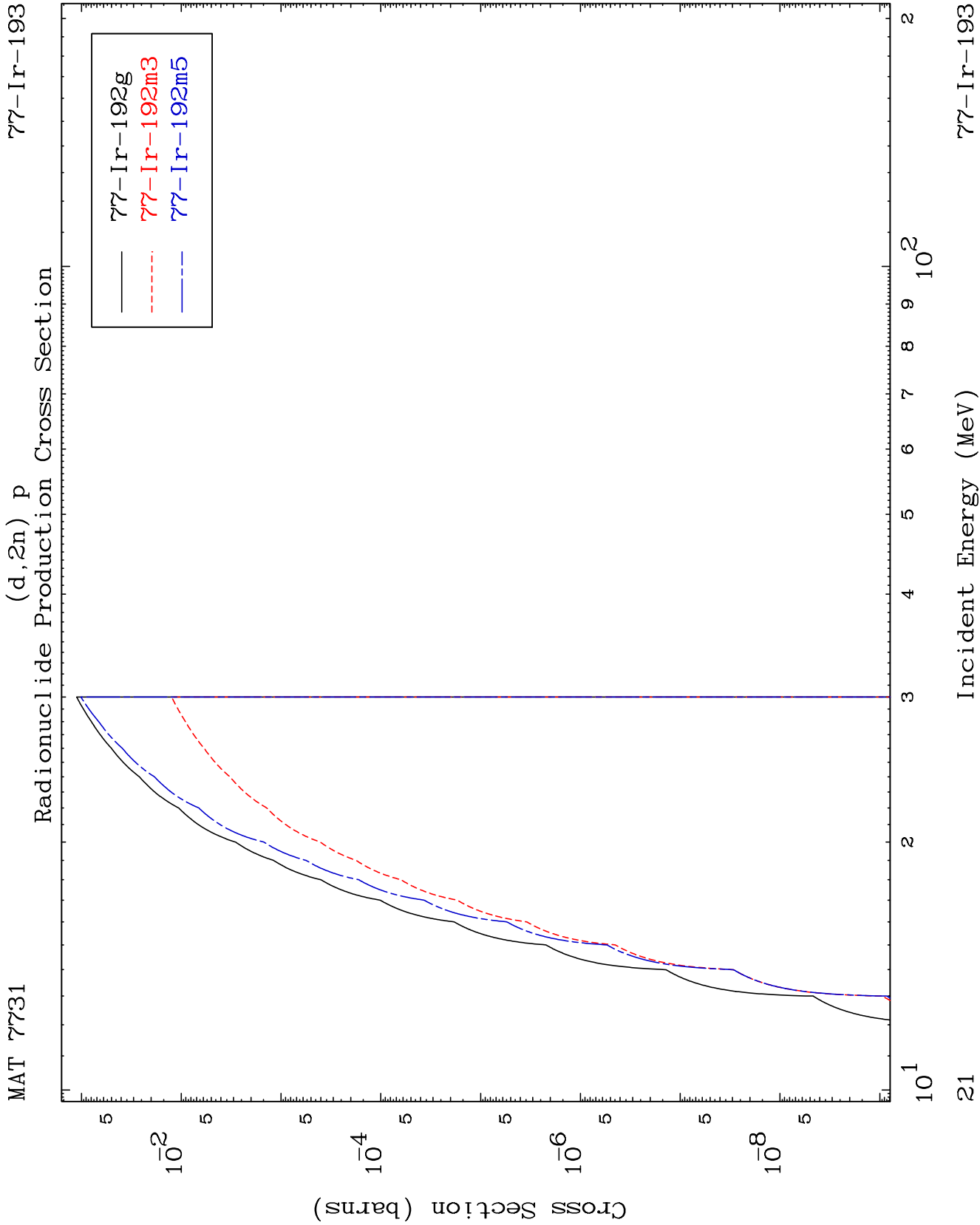
Radionuclide Production Cross Section
(d,n') p







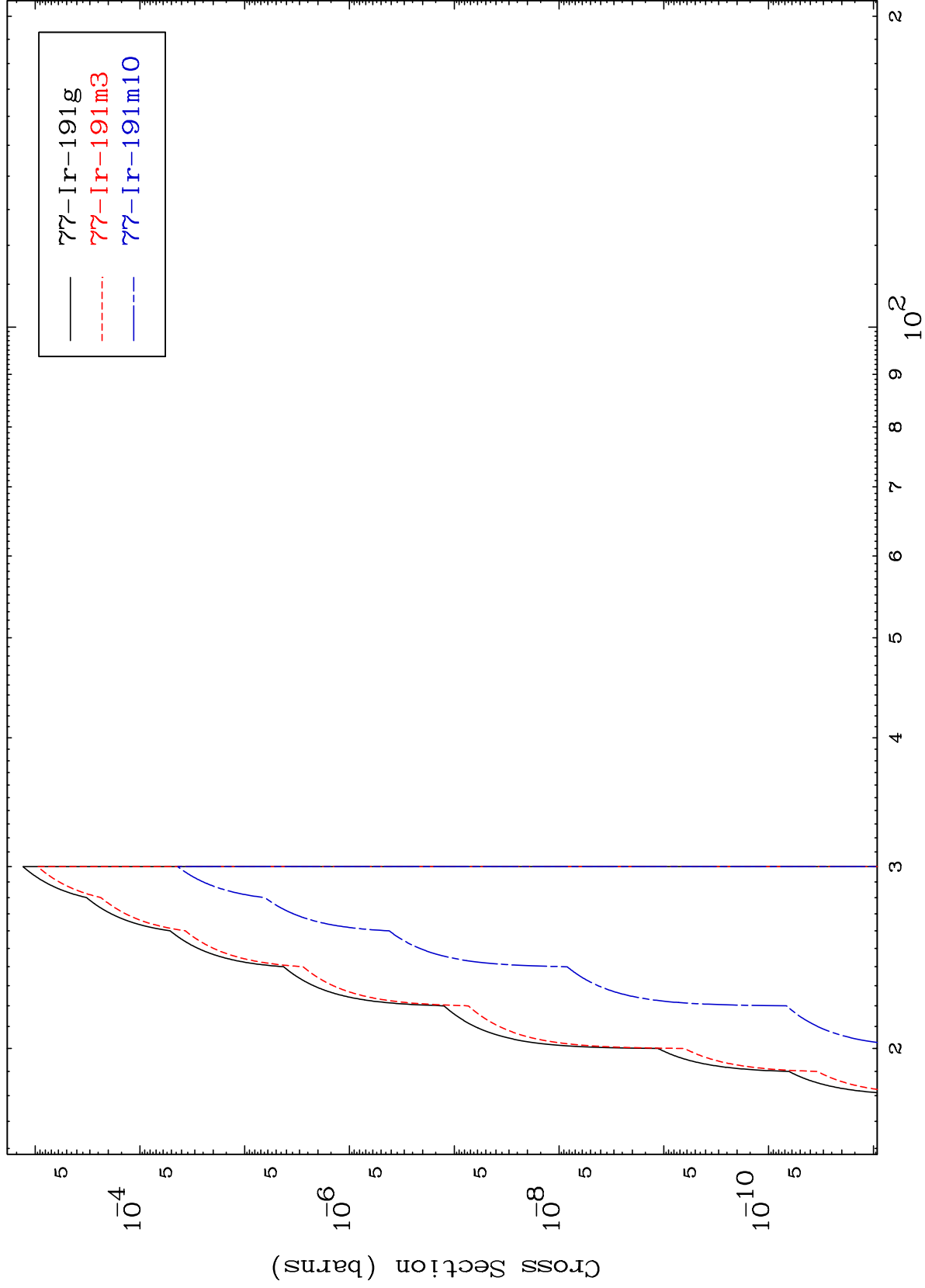




MAT 7731

⁷⁷Ir-193

(d,3n) p
Radionuclide Production Cross Section



22

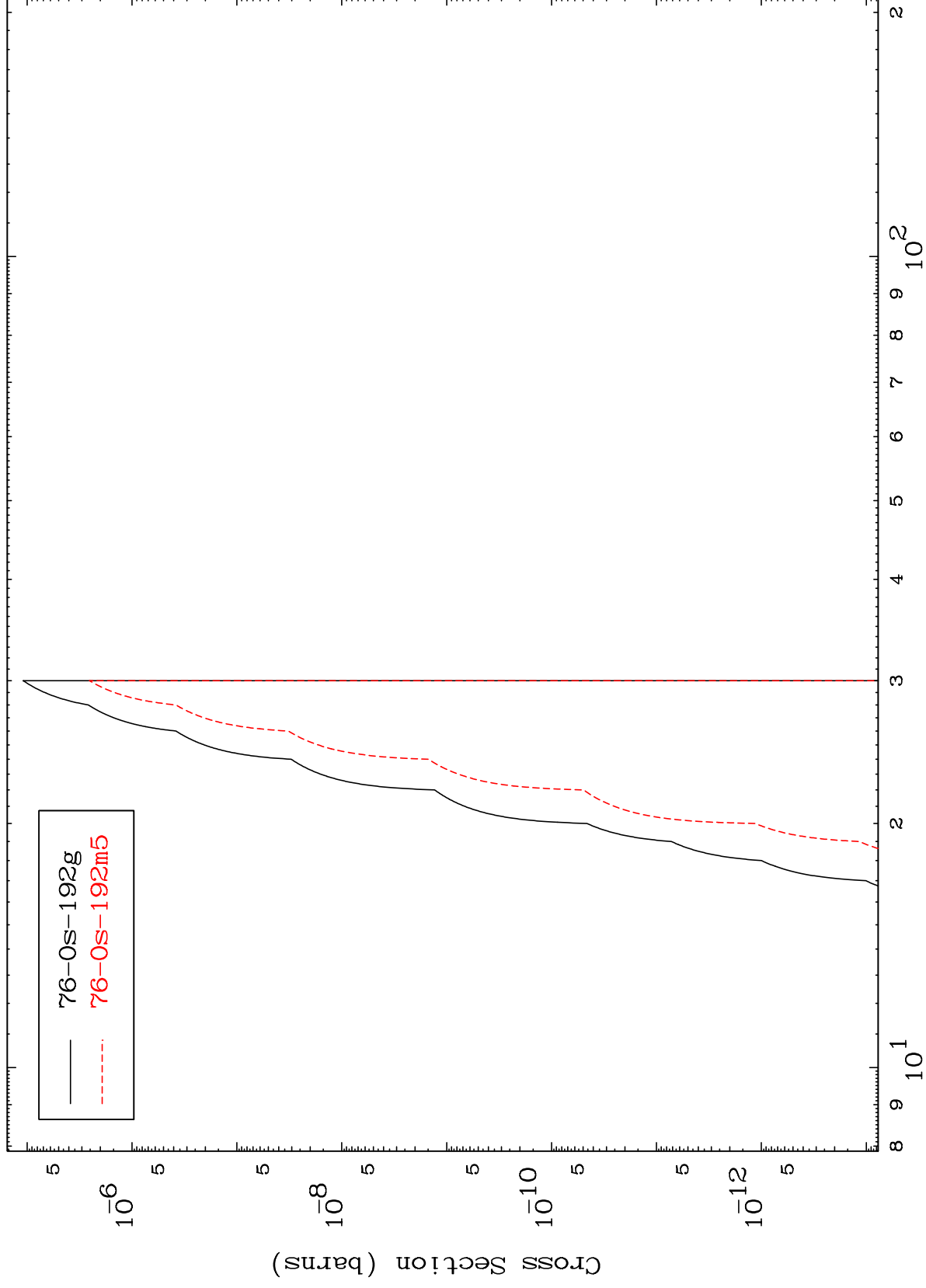
Incident Energy (MeV)

⁷⁷Ir-193

MAT 7731

⁷⁷Ir-193

(d,2n) p
Radionuclide Production Cross Section



23

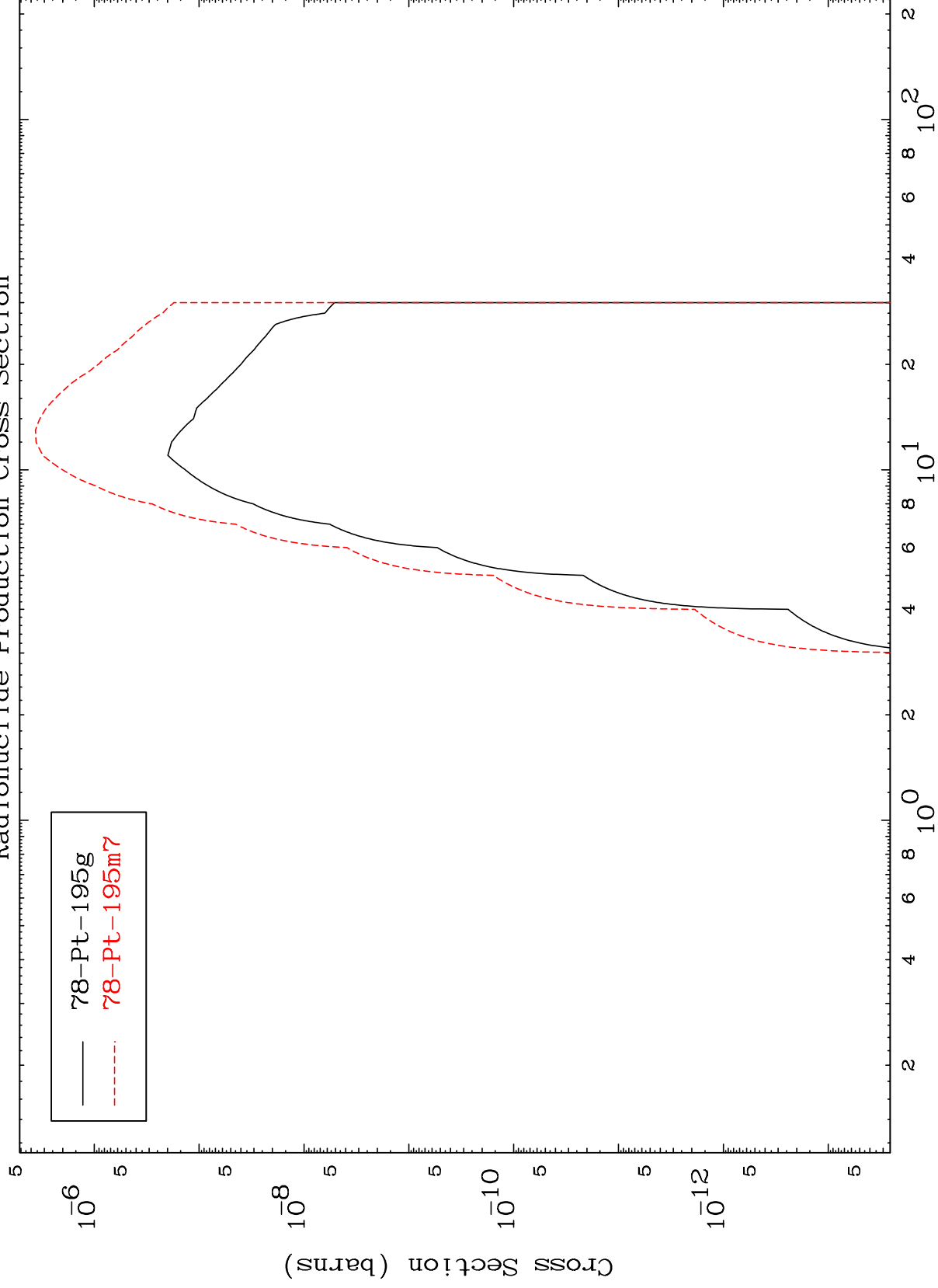
Incident Energy (MeV)

⁷⁷Ir-193

MAT 7731

77-Ir-193

(d, γ)
Radionuclide Production Cross Section



24

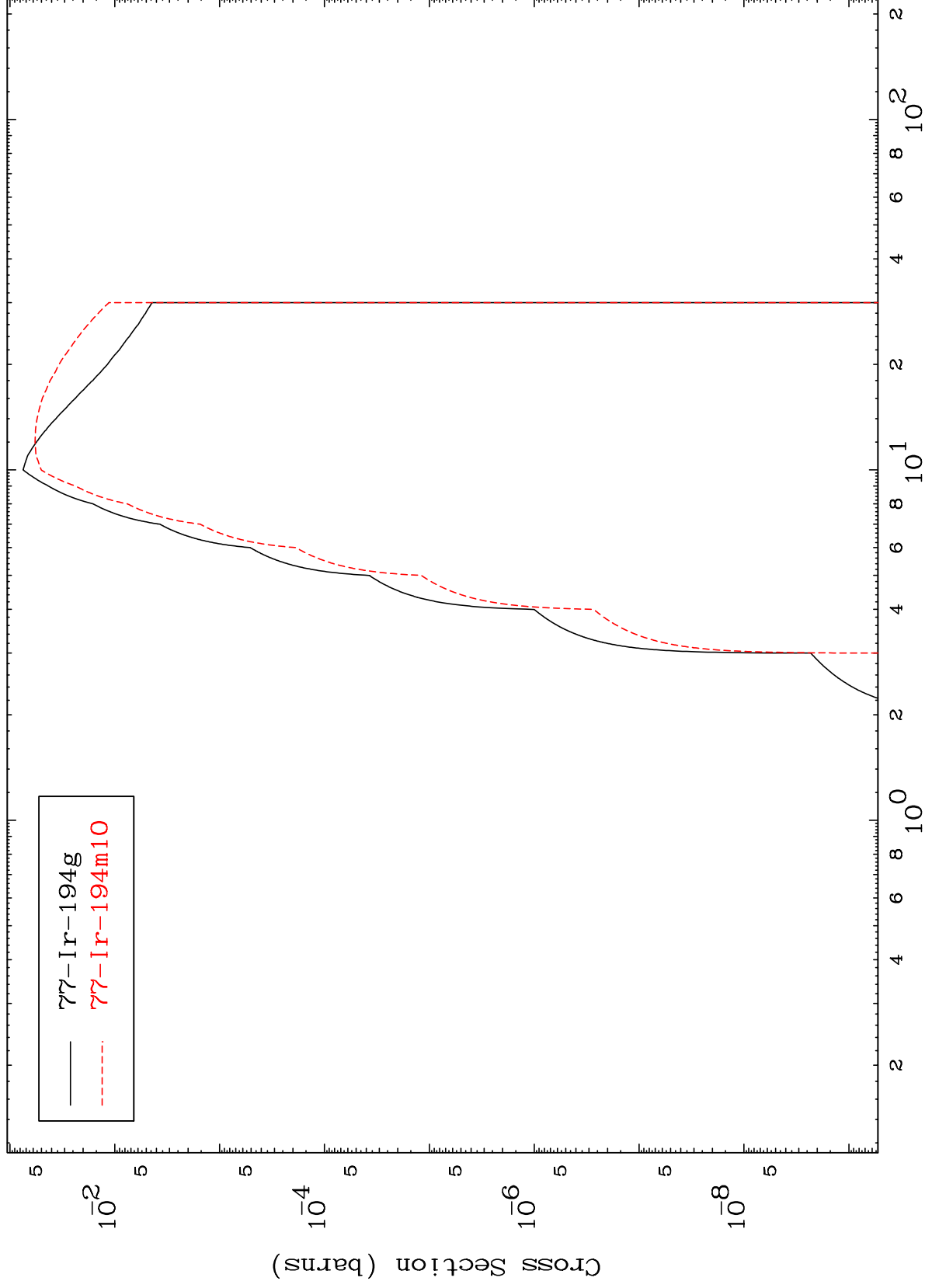
Incident Energy (MeV)

77-Ir-193

MAT 7731

77-Ir-193

(d,p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

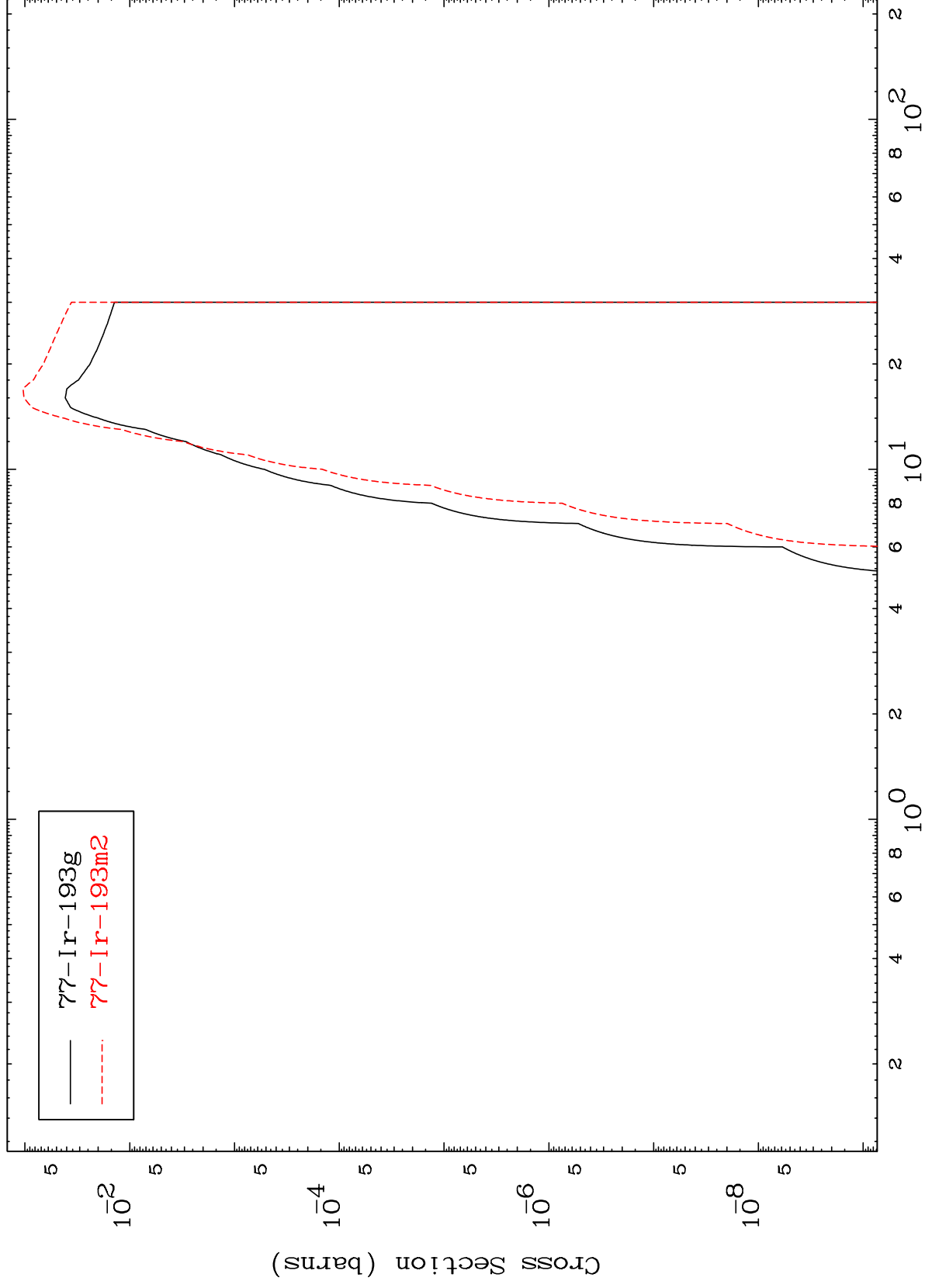
77-Ir-193

MAT 7731

(d,d)

⁷⁷Ir-193

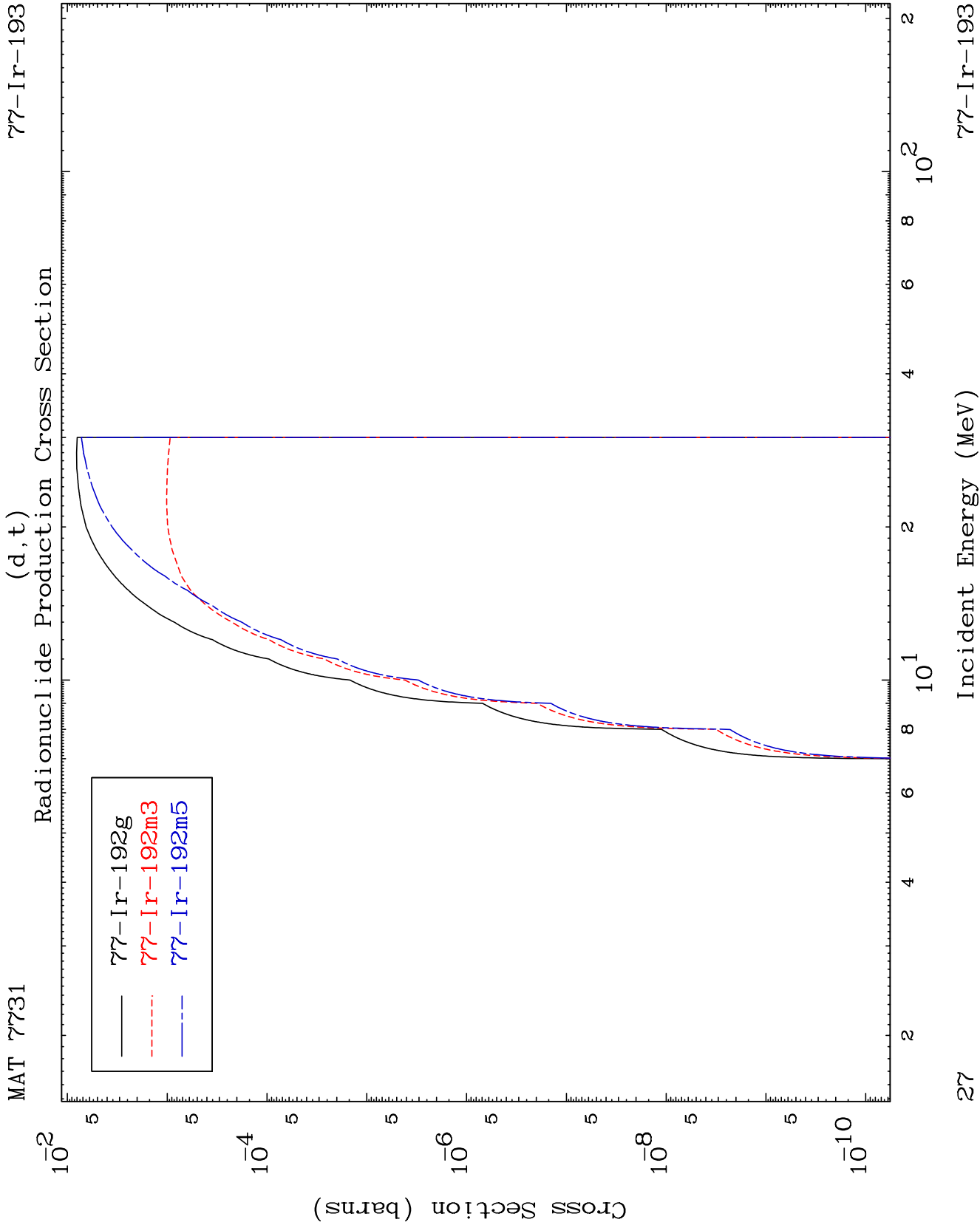
Radionuclide Production Cross Section



26

Incident Energy (MeV)

⁷⁷Ir-193

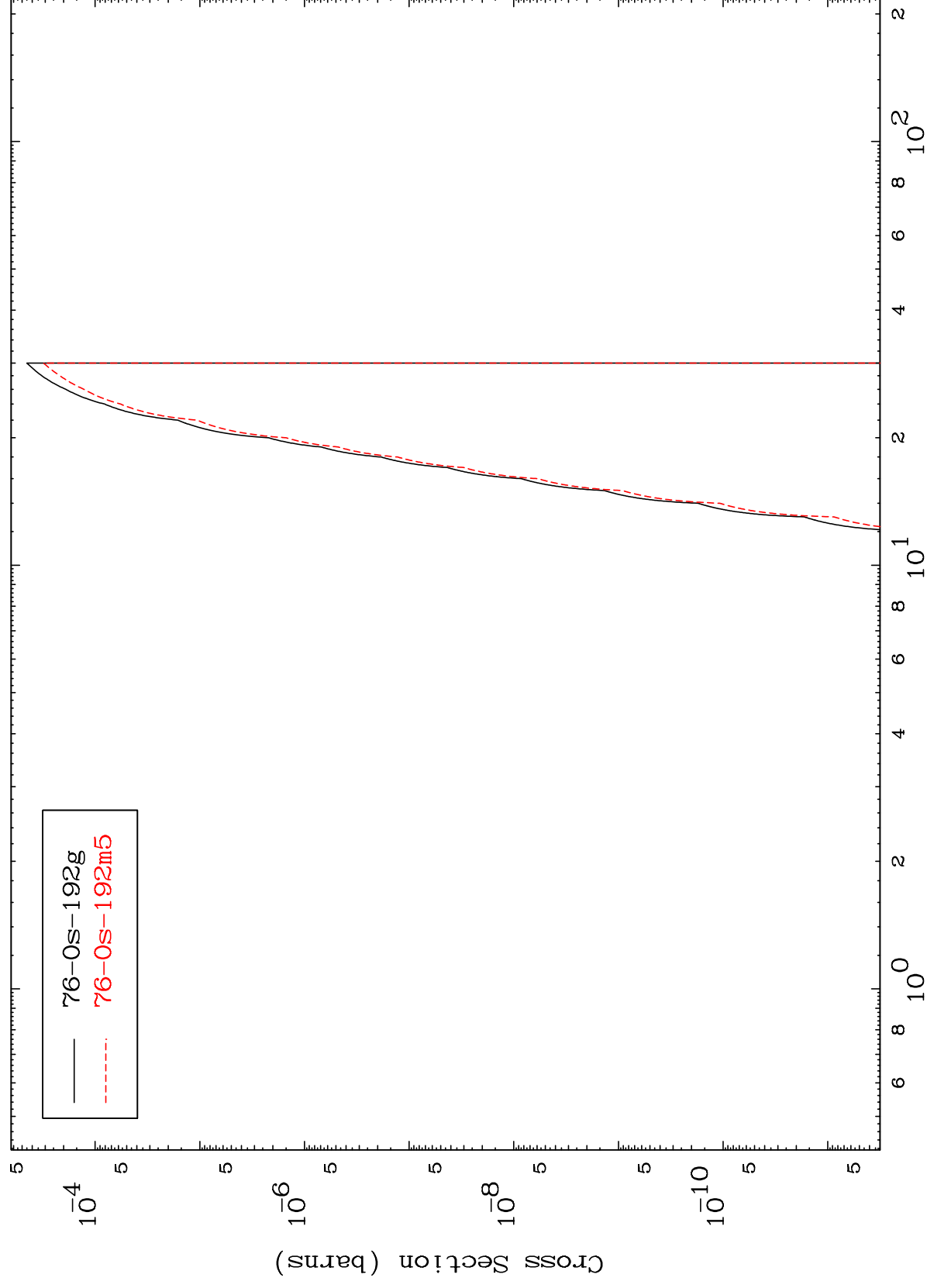


MAT 7731

(d,He-3)

⁷⁷Ir-193

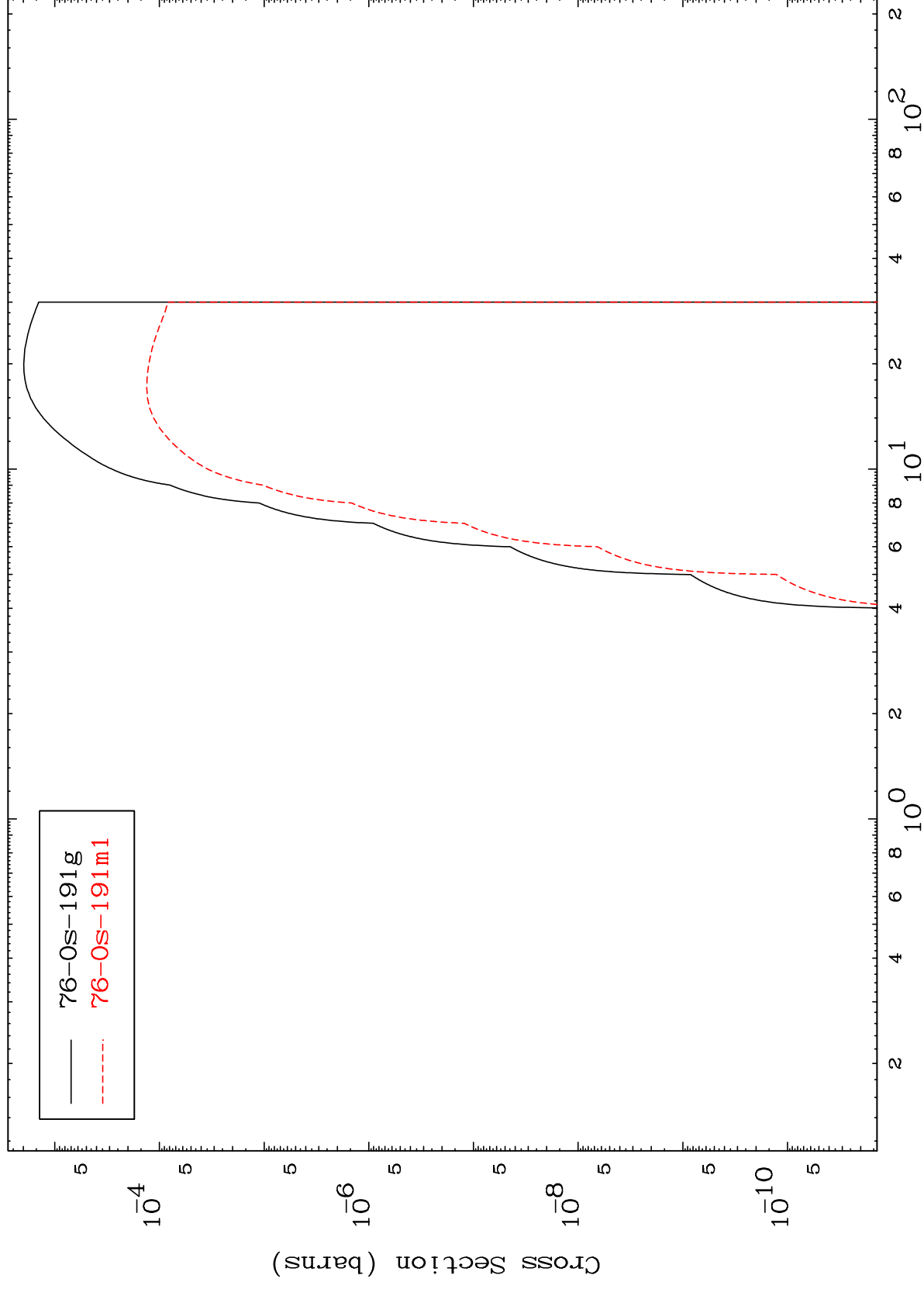
Radionuclide Production Cross Section



28

Incident Energy (MeV)

⁷⁷Ir-193

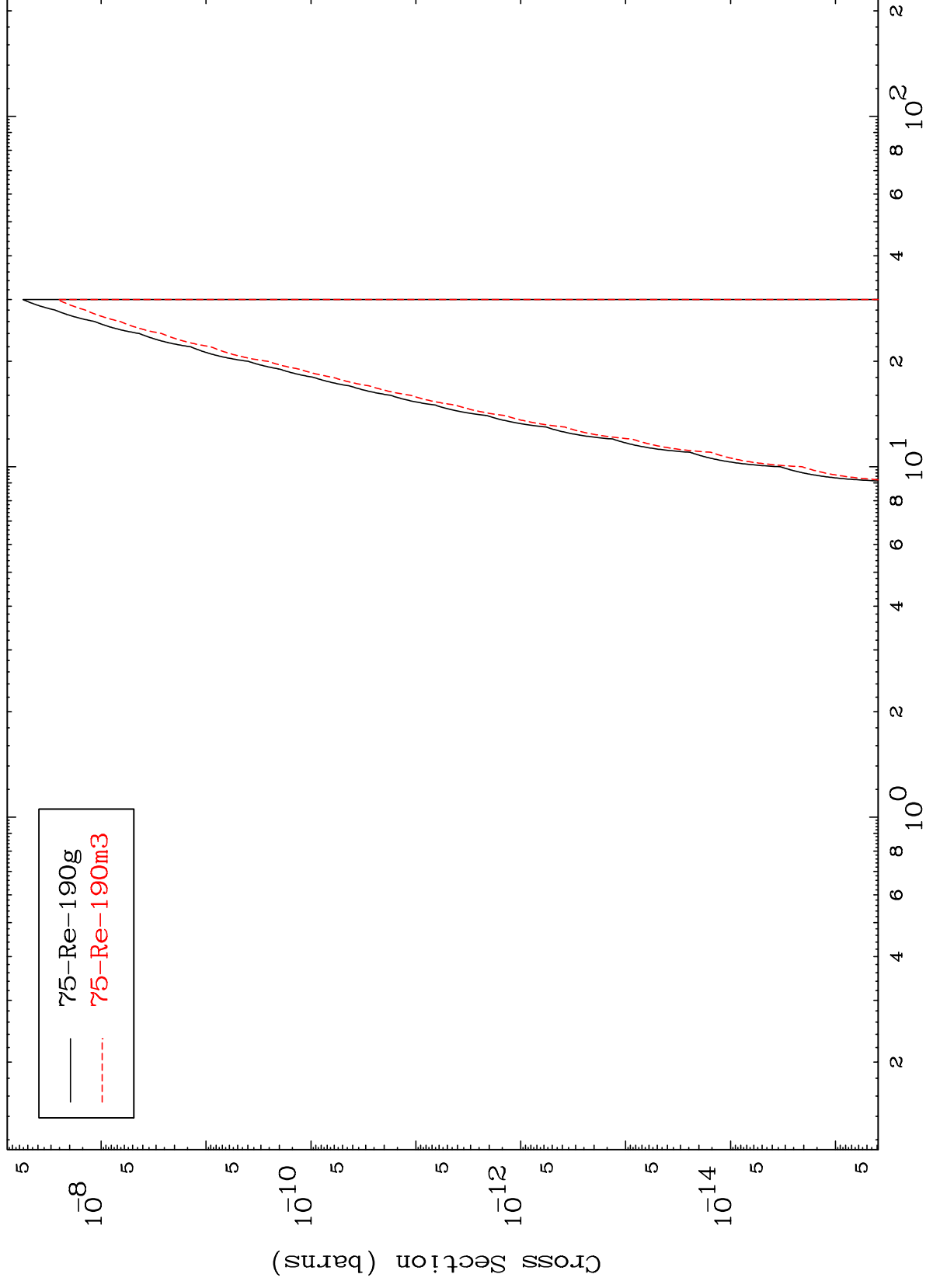
Radionuclide Production Cross Section
(d, α)

MAT 7731

(d,p) α

⁷⁷Ir-193

Radionuclide Production Cross Section



30

Incident Energy (MeV)

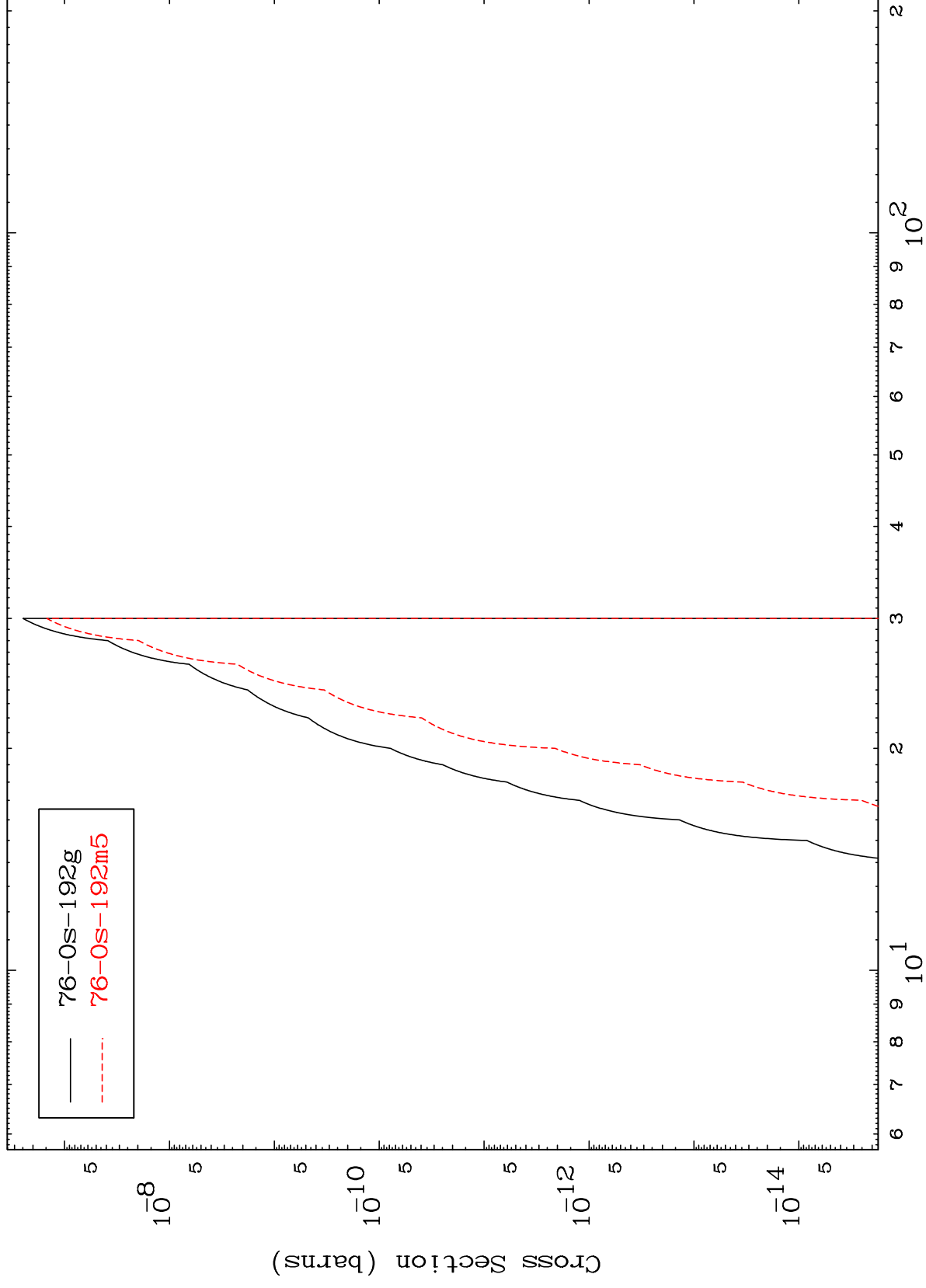
⁷⁷Ir-193

MAT 7731

(d,p) d

⁷⁷Ir-193

Radionuclide Production Cross Section



31

Incident Energy (MeV)

⁷⁷Ir-193

