

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

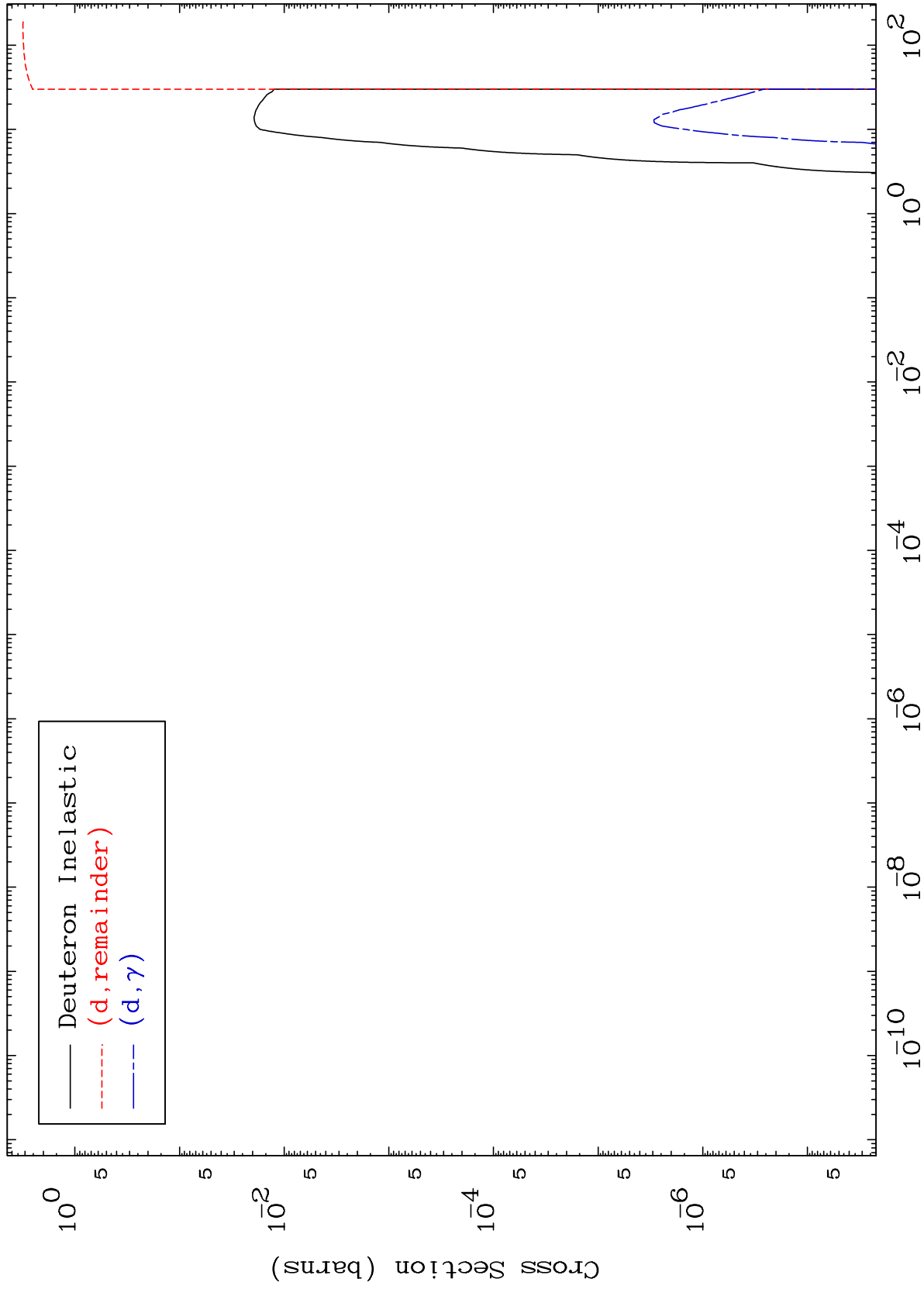
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7734

Deuteron Major
0 Kelvin Cross Sections

77-Ir-194



1

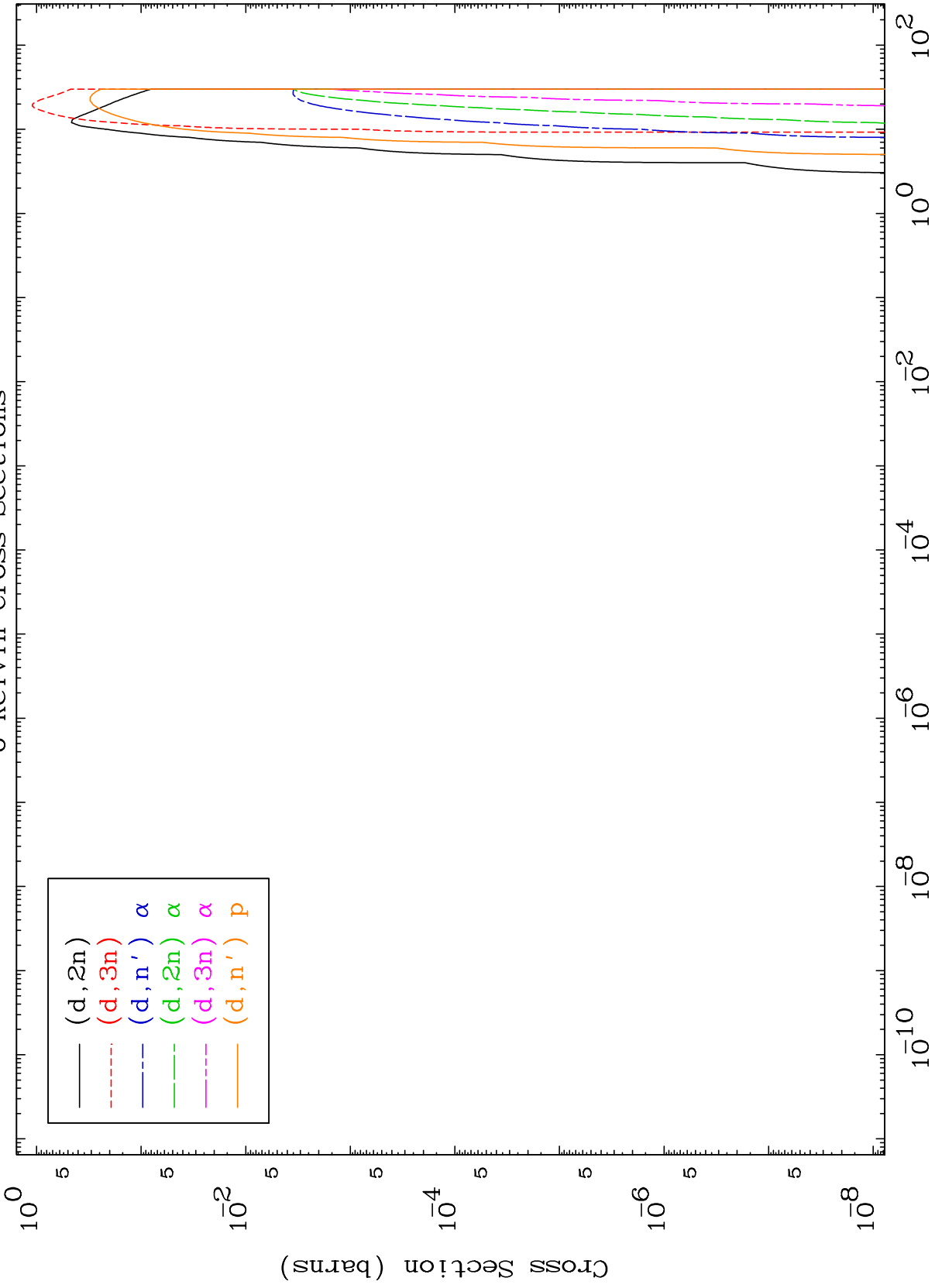
Incident Energy (MeV)

77-Ir-194

MAT 7734

Deuteron Neutron Production
0 Kelvin Cross Sections

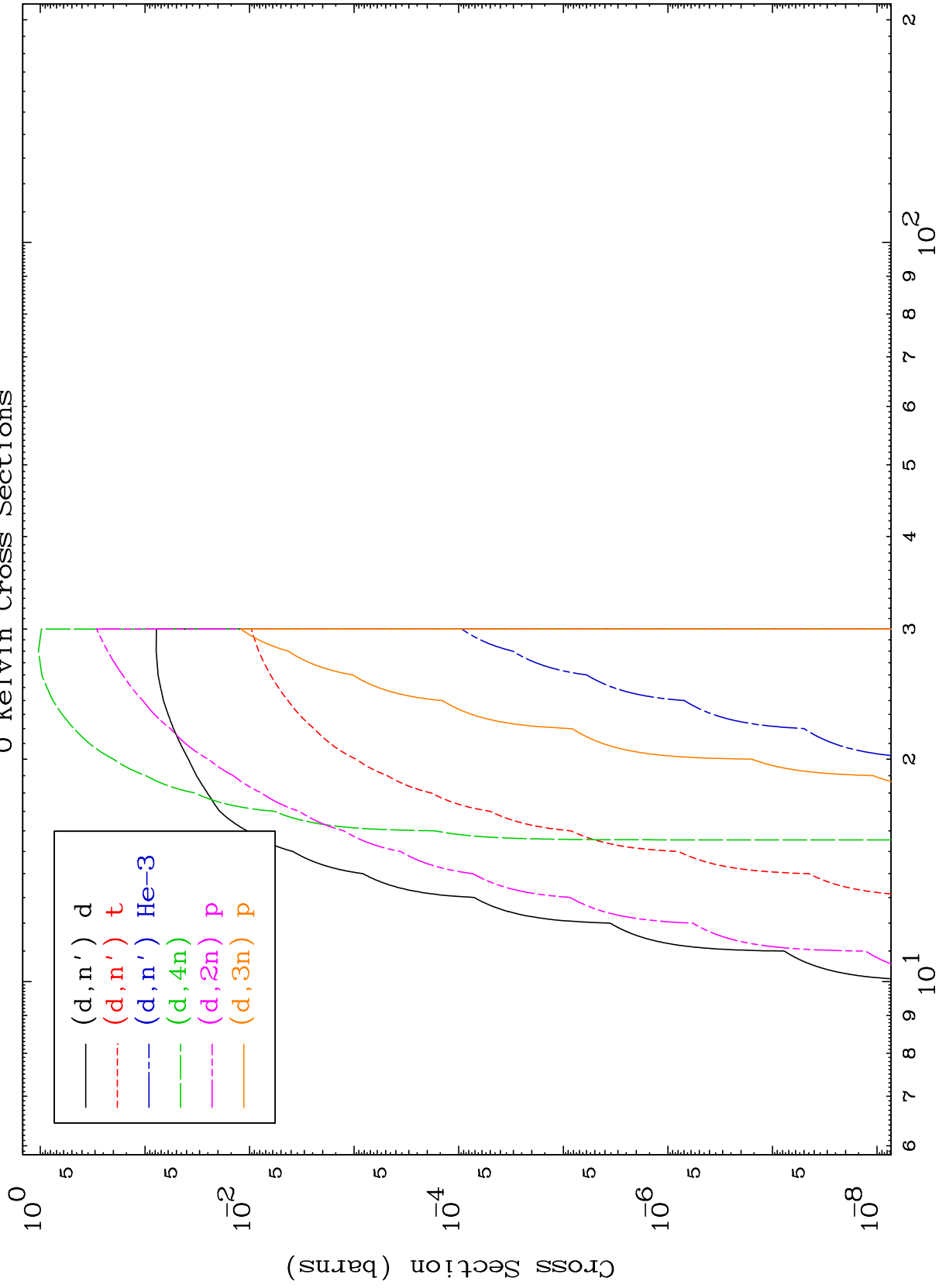
77-Ir-194



2

Incident Energy (MeV)

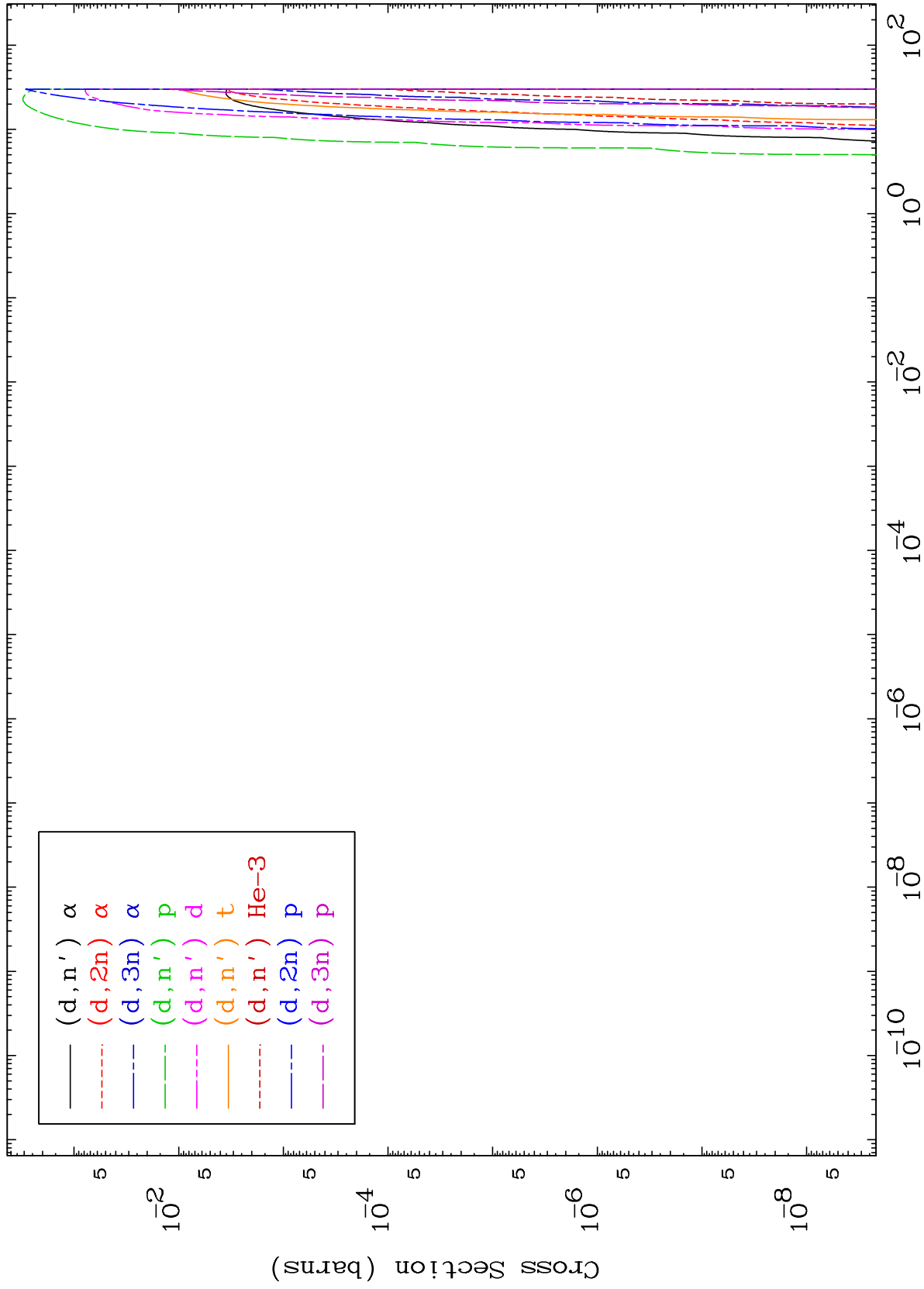
77-Ir-194



MAT 7734

Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-194

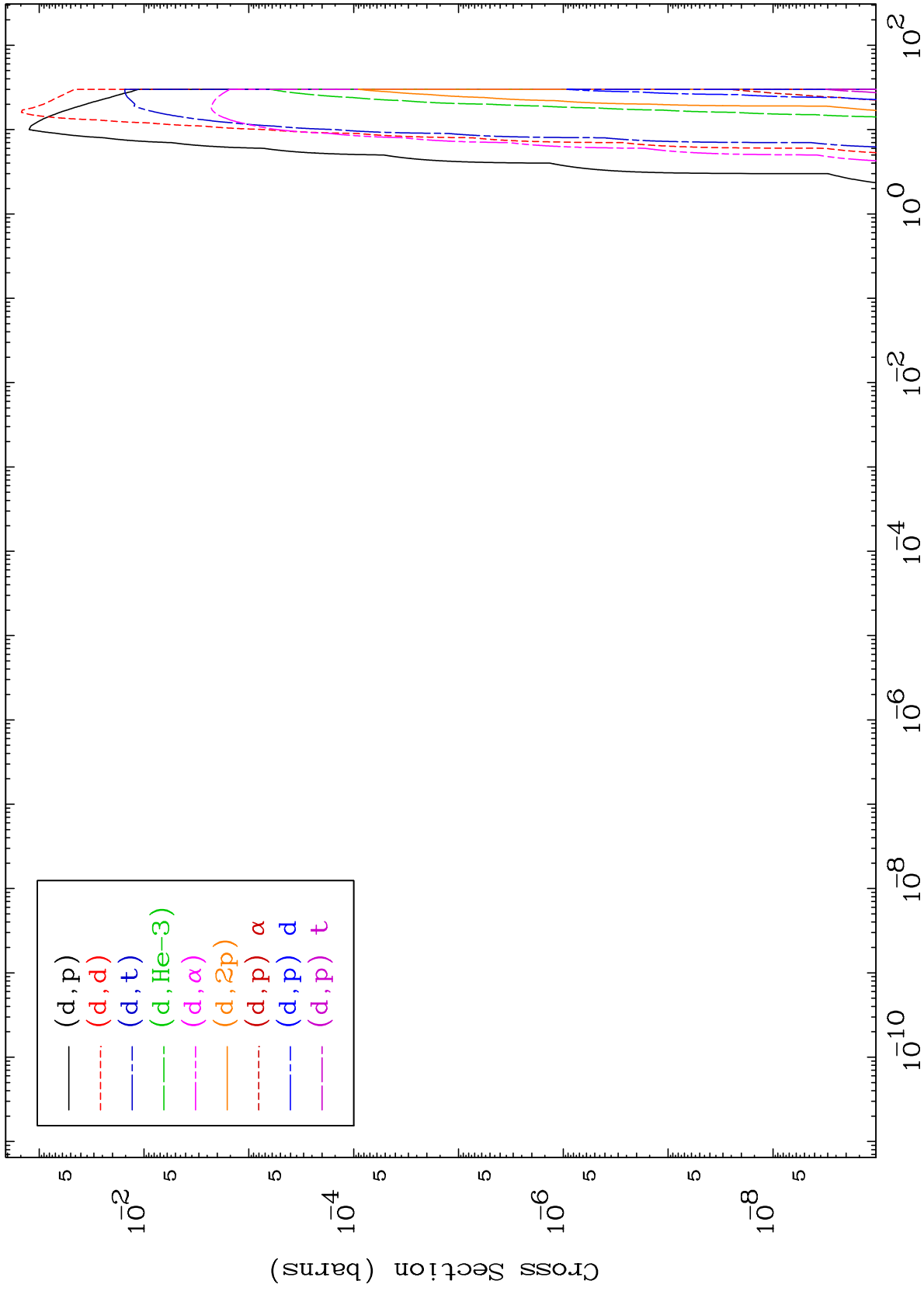


77-Ir-194

MAT 7734

Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-194



5

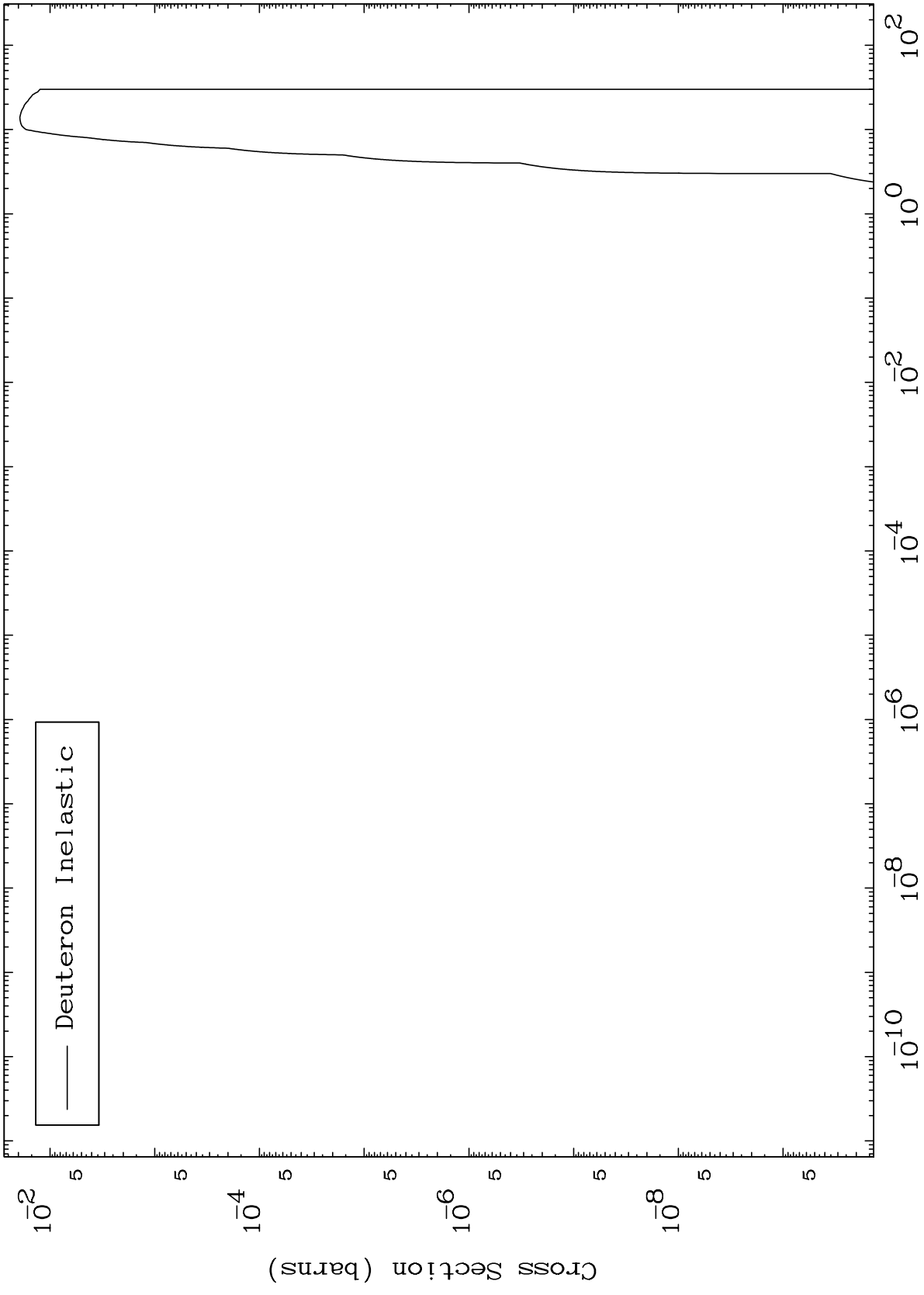
Incident Energy (MeV)

77-Ir-194

MAT 7734

(d,n') Level
0 Kelvin Cross Sections

77-Ir-194

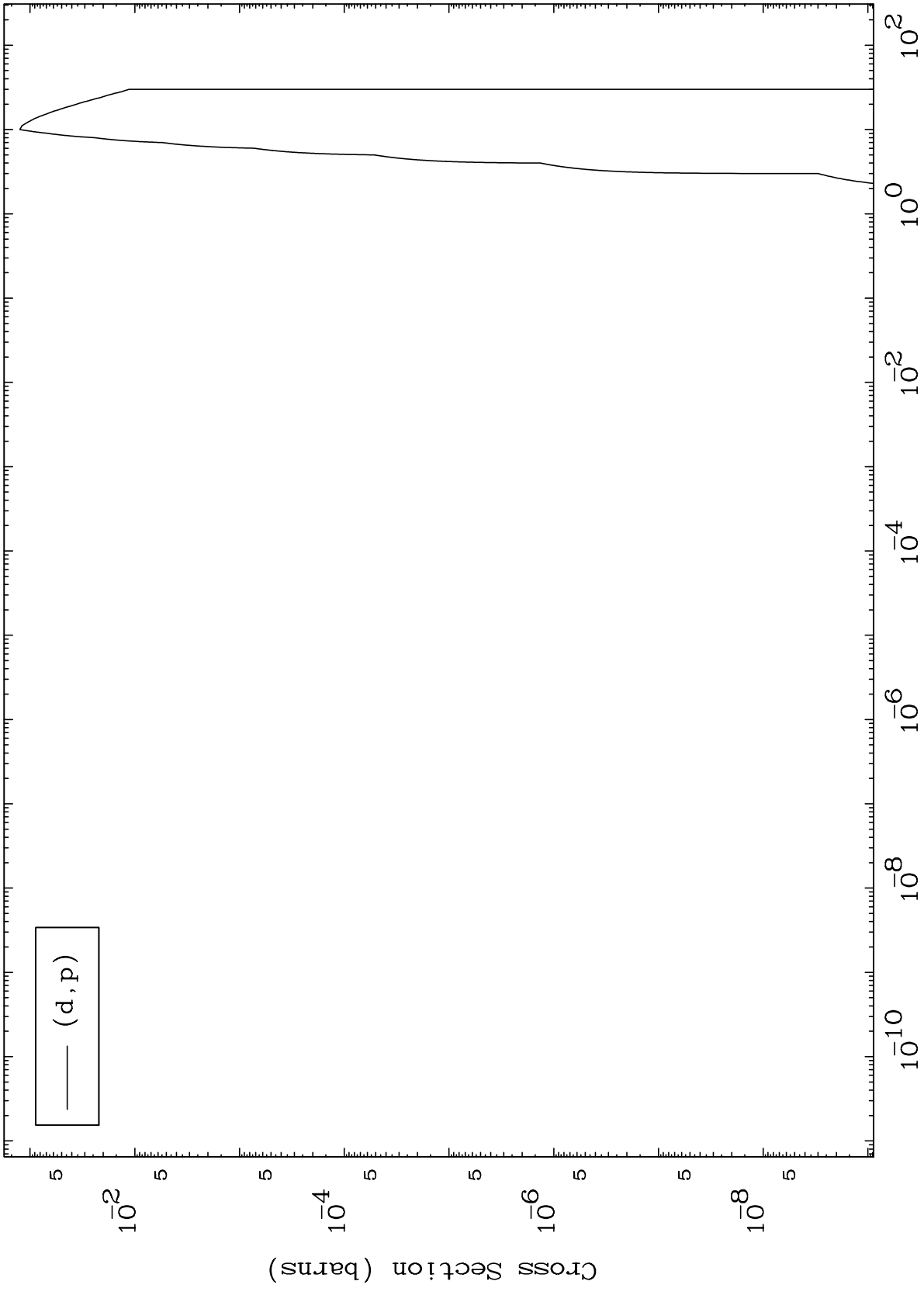


77-Ir-194

MAT 7734

(d,p) Levels
0 Kelvin Cross Sections

77-Ir-194



7

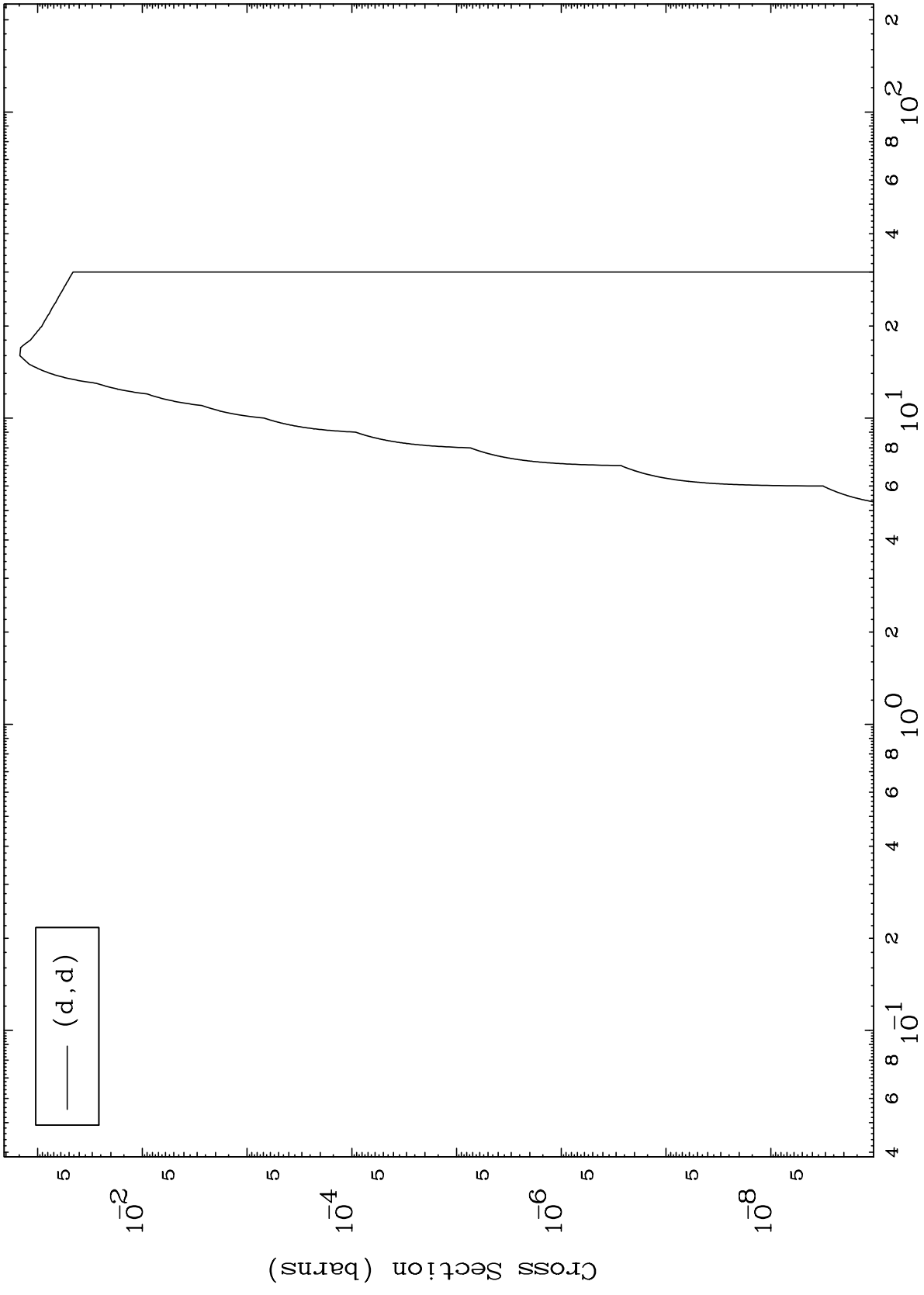
Incident Energy (MeV)

77-Ir-194

MAT 7734

(d,d) Levels
0 Kelvin Cross Sections

77-Ir-194



8

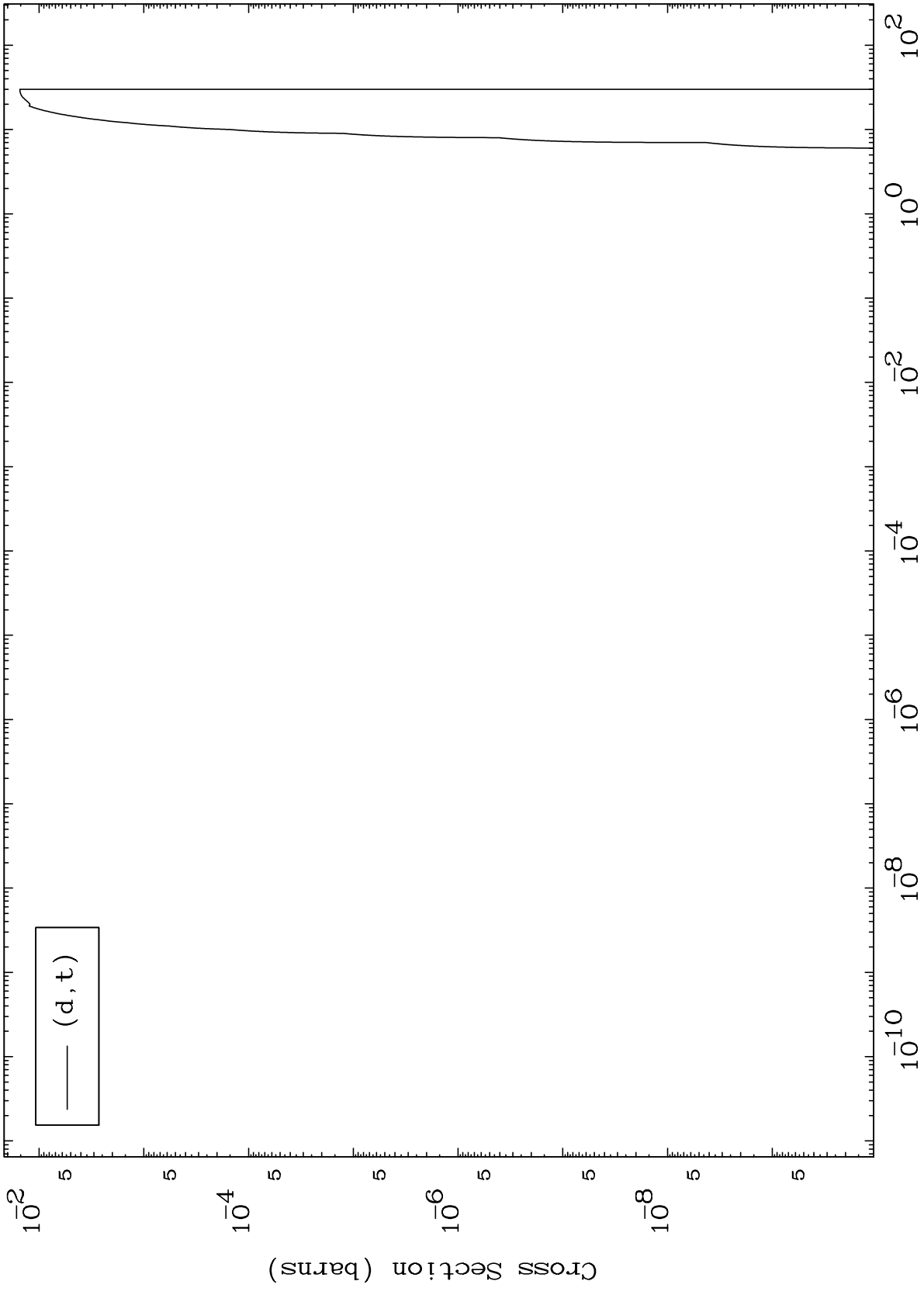
Incident Energy (MeV)

77-Ir-194

MAT 7734

(d,t) Levels
0 Kelvin Cross Sections

77-Ir-194

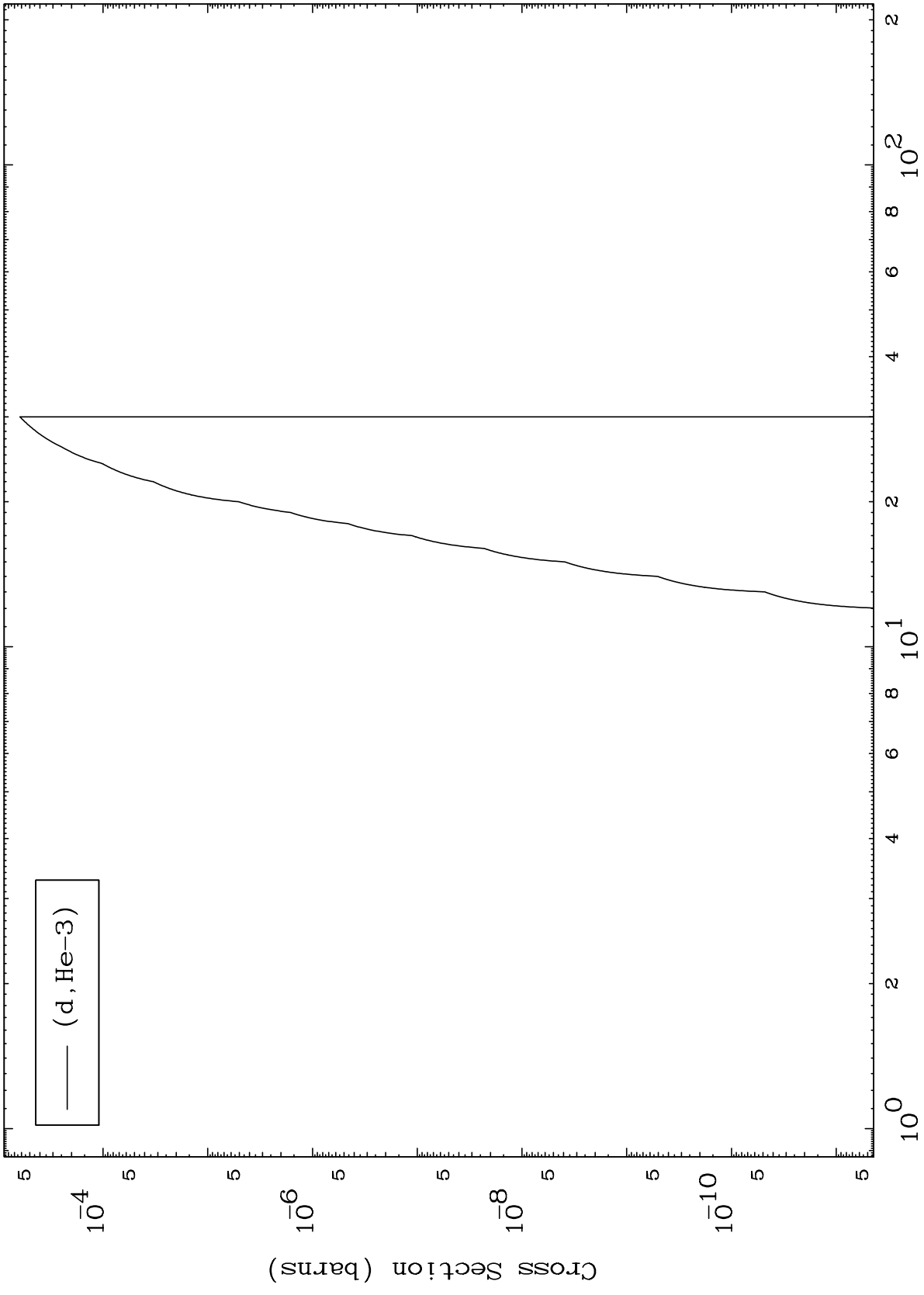


77-Ir-194

MAT 7734

(d,He3) Levels
0 Kelvin Cross Sections

77-Ir-194

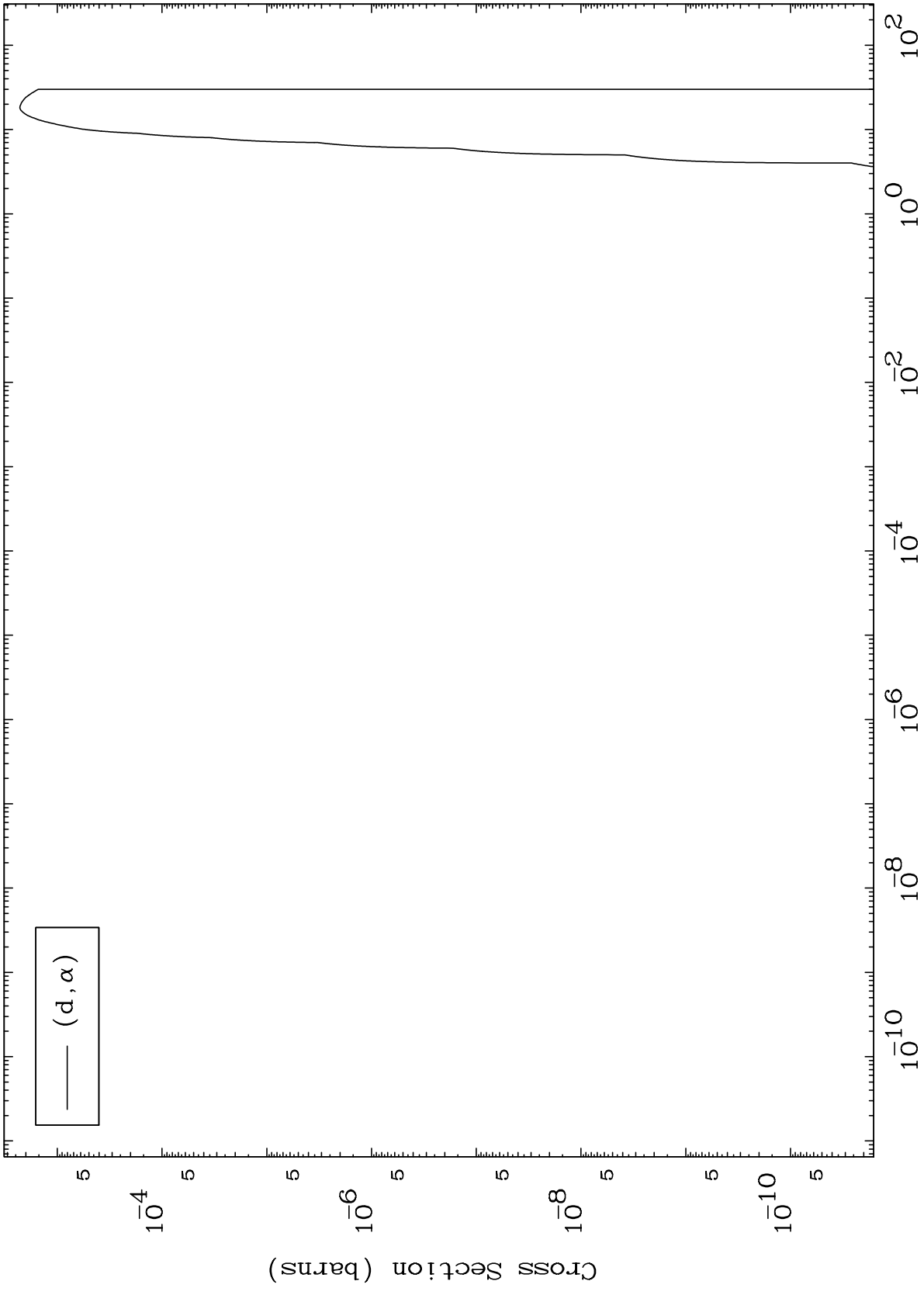


77-Ir-194

MAT 7734

(d, α) Levels
0 Kelvin Cross Sections

77-Ir-194



11

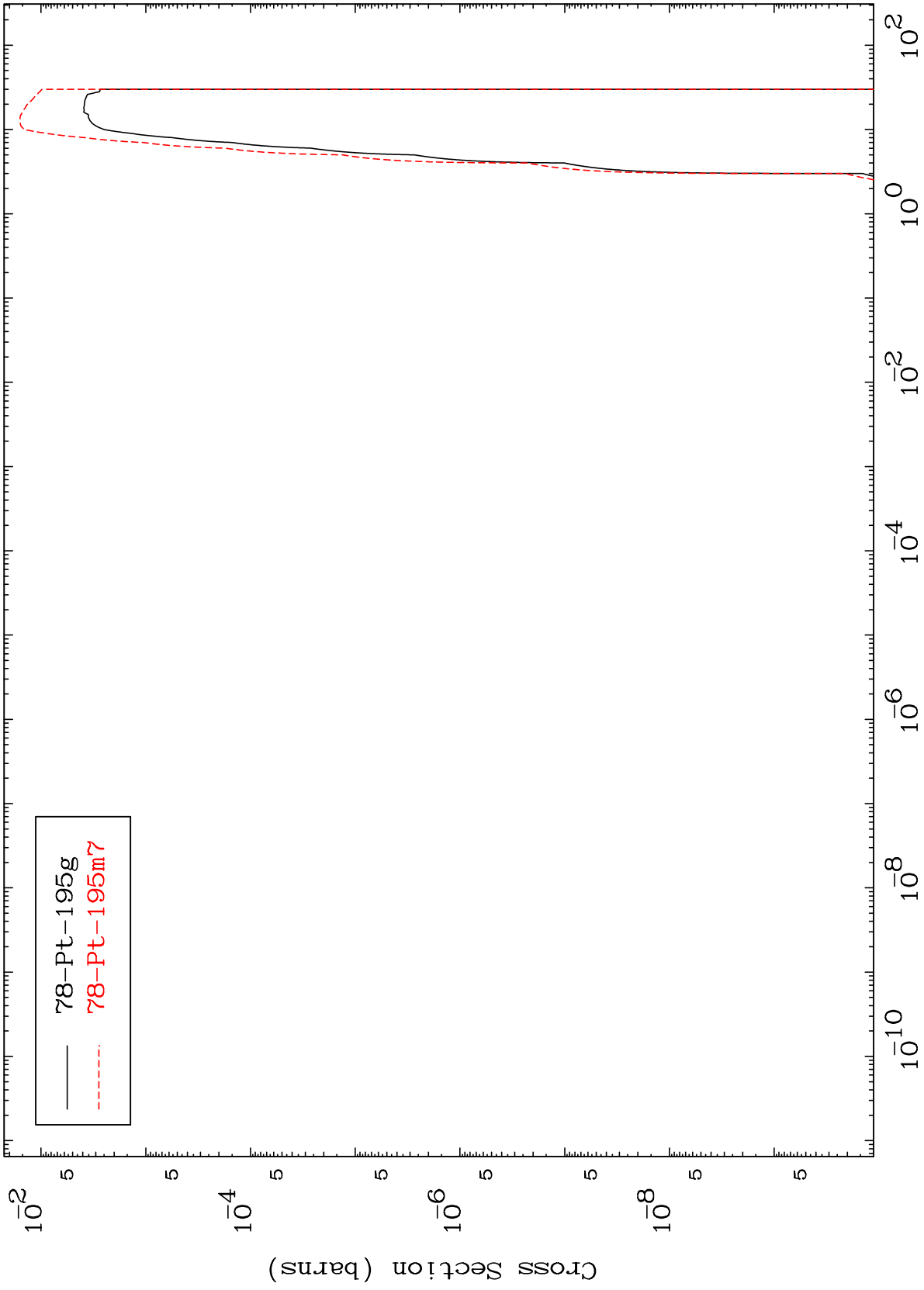
Incident Energy (MeV)

77-Ir-194

MAT 7734

Deuteron Inelastic
Radionuclide Production Cross Section

77-Ir-194

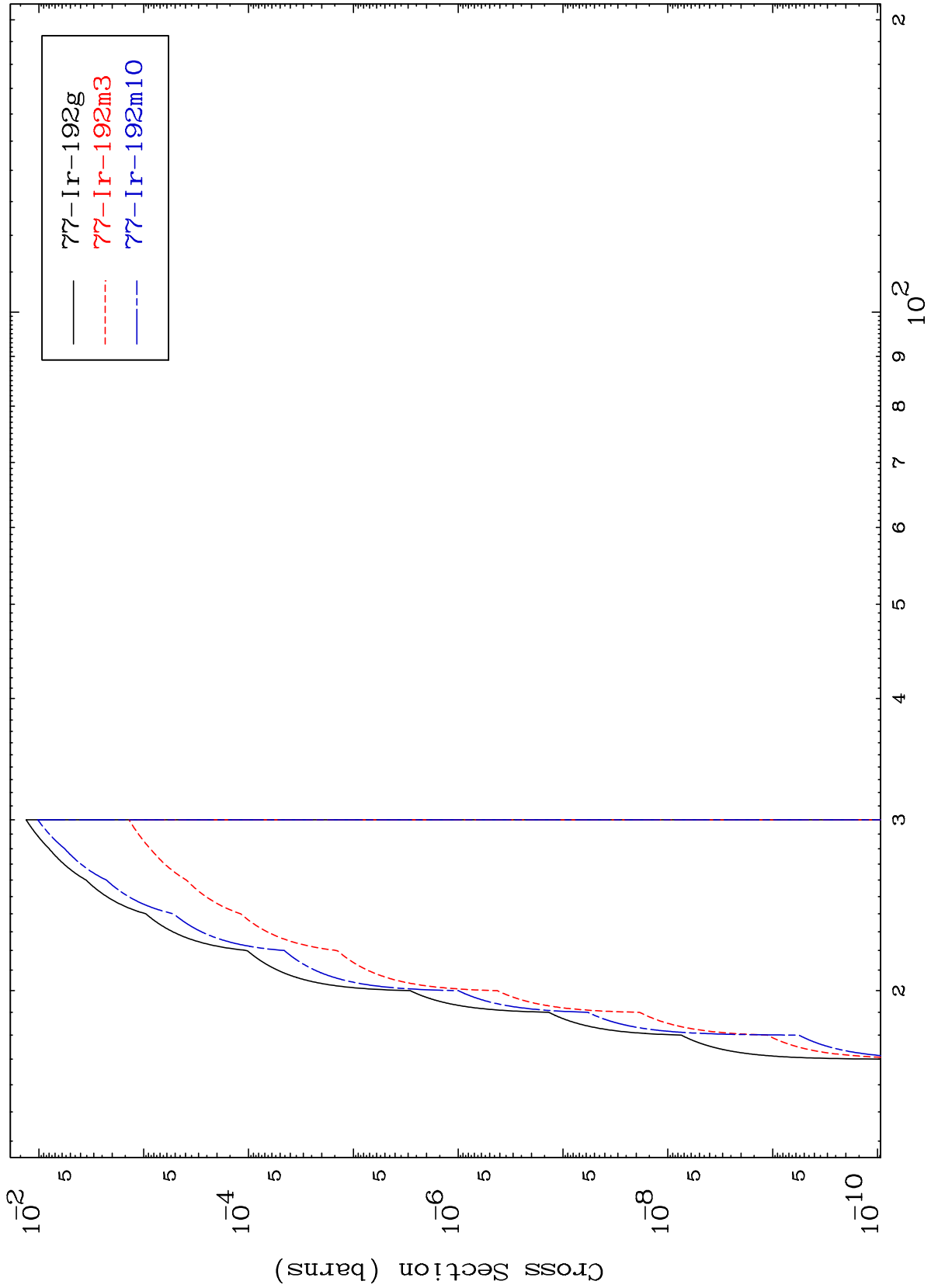


MAT 7734

(d,2n) d

77-Ir-194

Radionuclide Production Cross Section



13

Incident Energy (MeV)

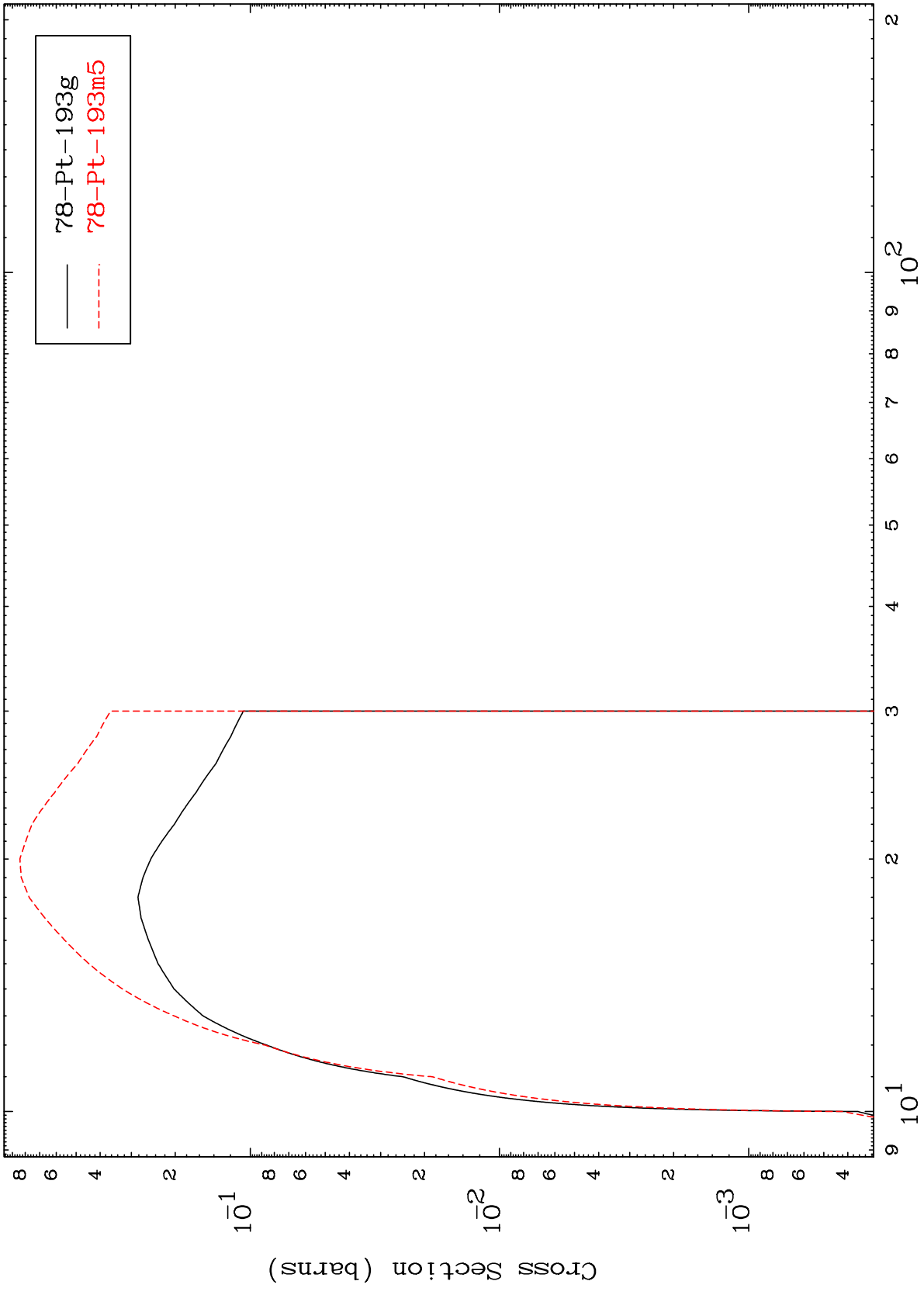
77-Ir-194

MAT 7734

(d,3n)

77-Ir-194

Radionuclide Production Cross Section



14

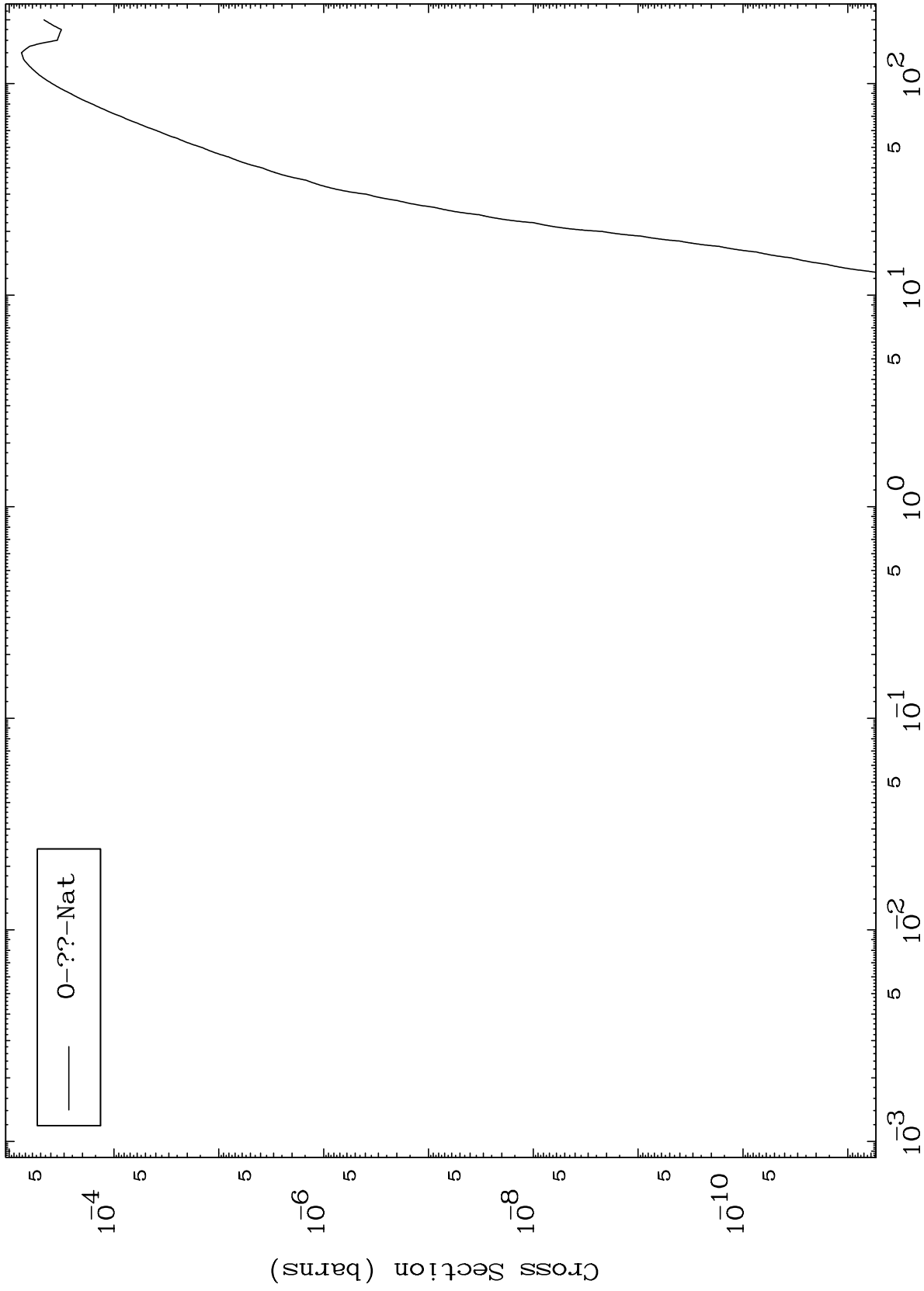
Incident Energy (MeV)

77-Ir-194

MAT 7734

Deuteron Fission
Radionuclide Production Cross Section

77-Ir-194



15

Incident Energy (MeV)

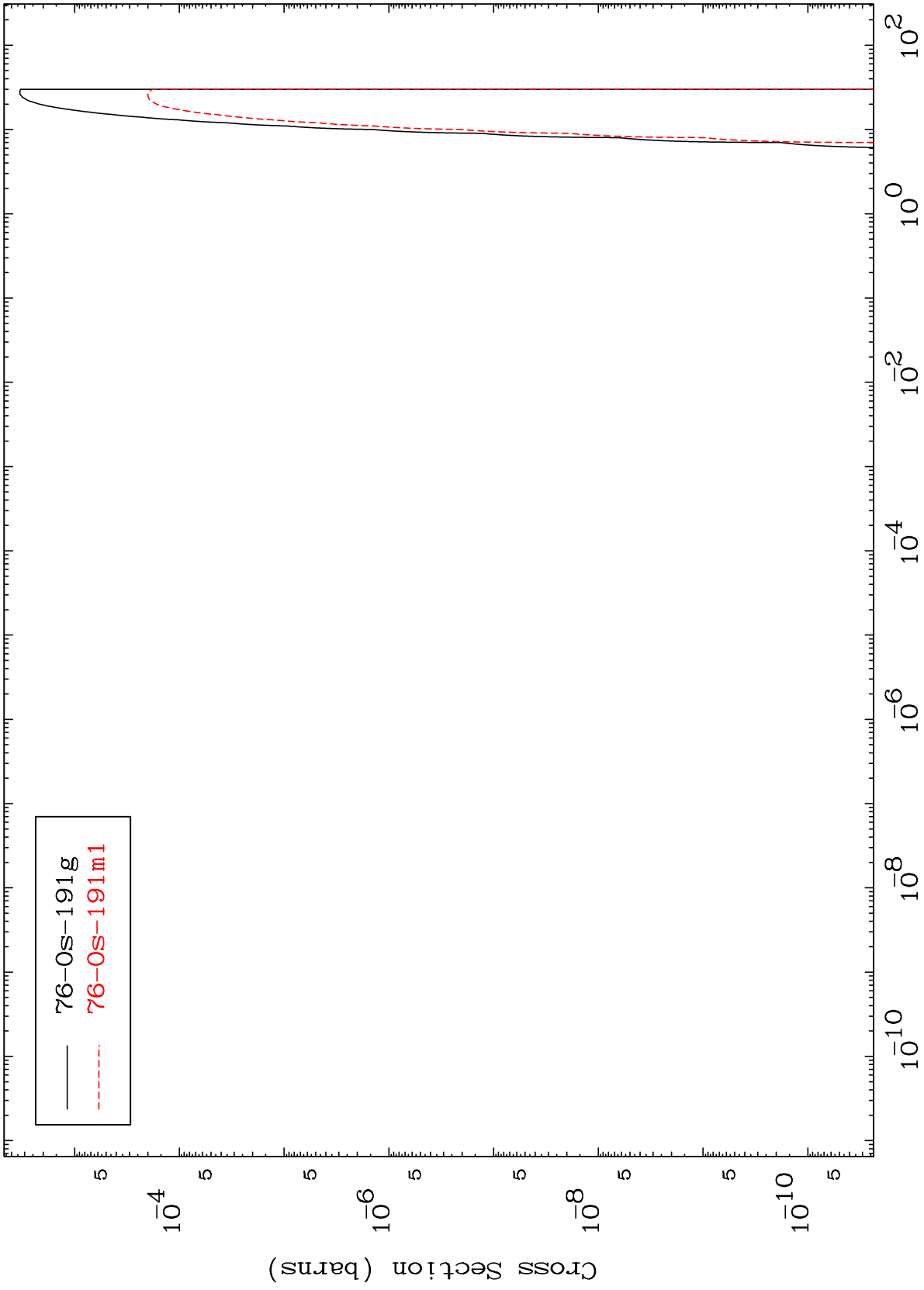
77-Ir-194

MAT 7734

(d,n') α

⁷⁷Ir-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

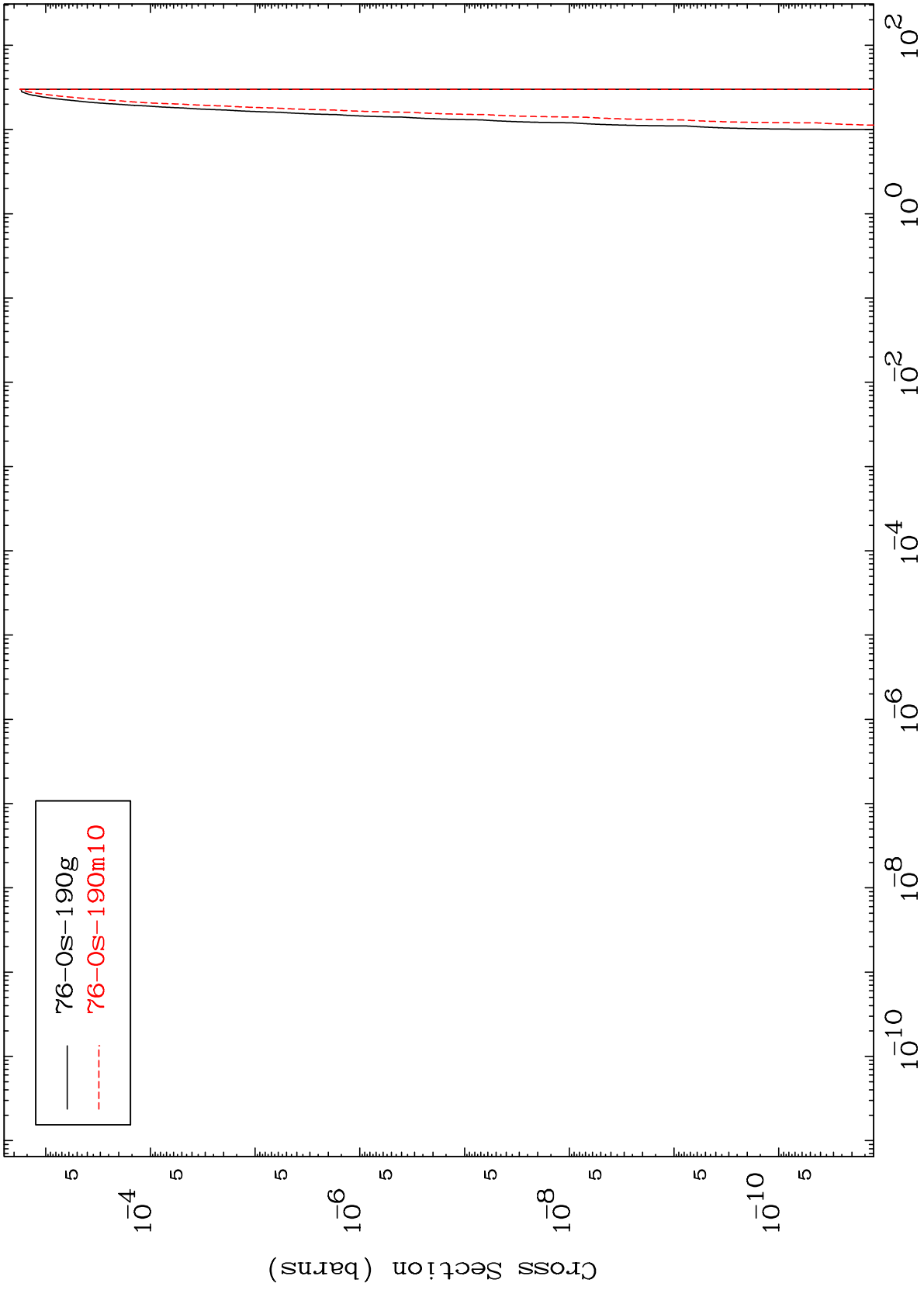
⁷⁷Ir-194

MAT 7734

(d,2n) α

⁷⁷Ir-194

Radionuclide Production Cross Section

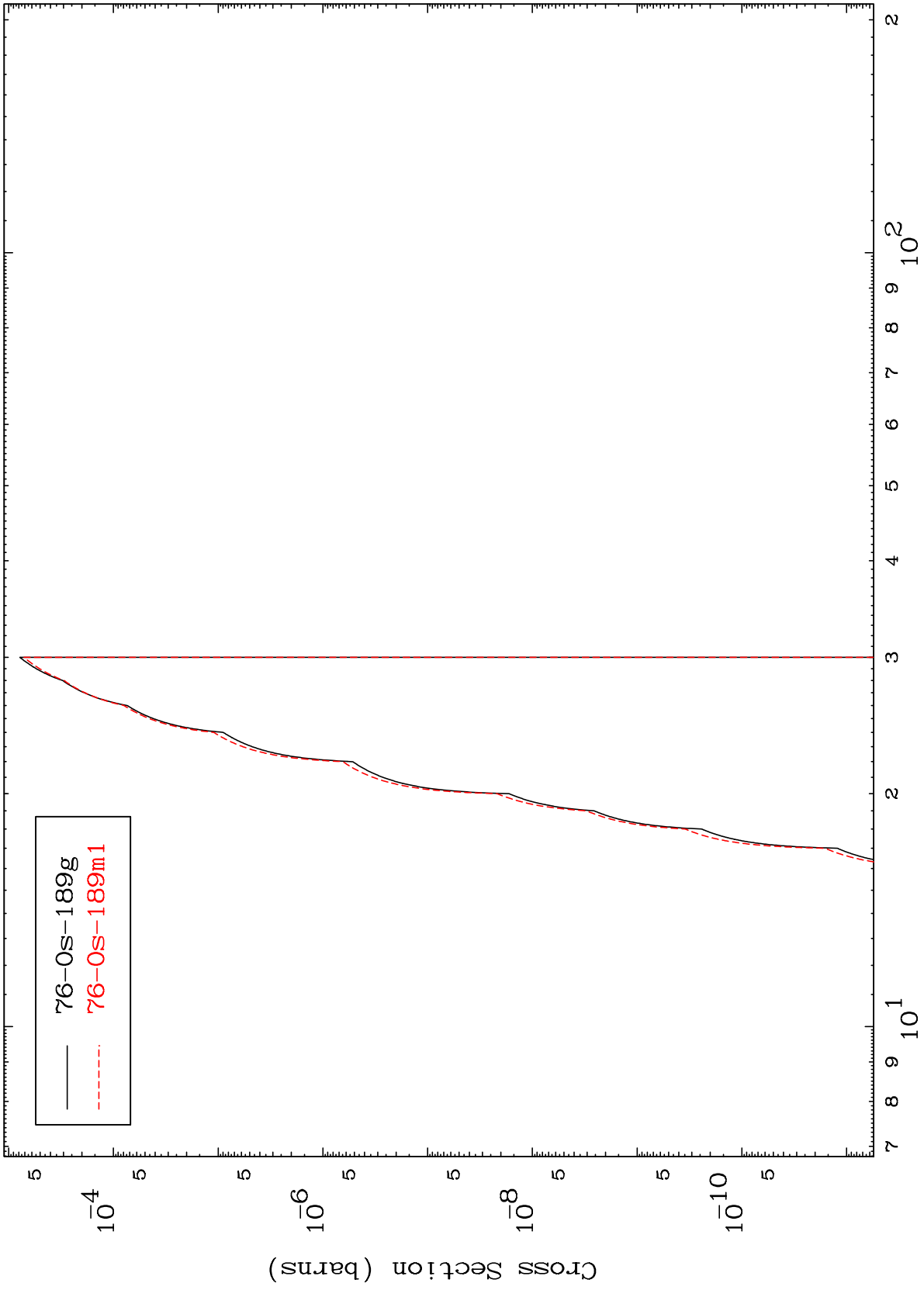


MAT 7734

(d,3n) α

77-Ir-194

Radionuclide Production Cross Section



18

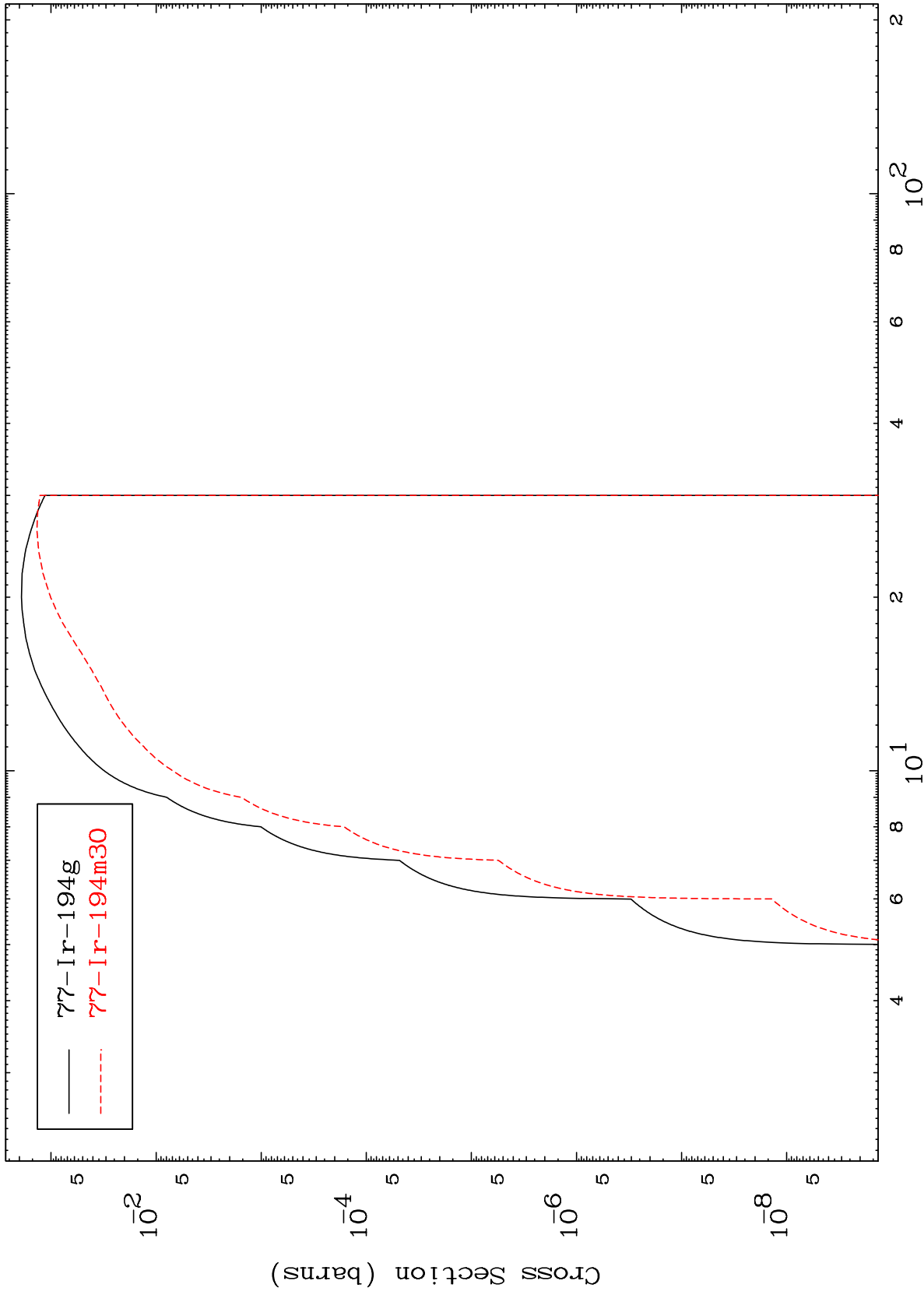
Incident Energy (MeV)

77-Ir-194

MAT 7734

77-Ir-194

(d,n') p
Radionuclide Production Cross Section



19

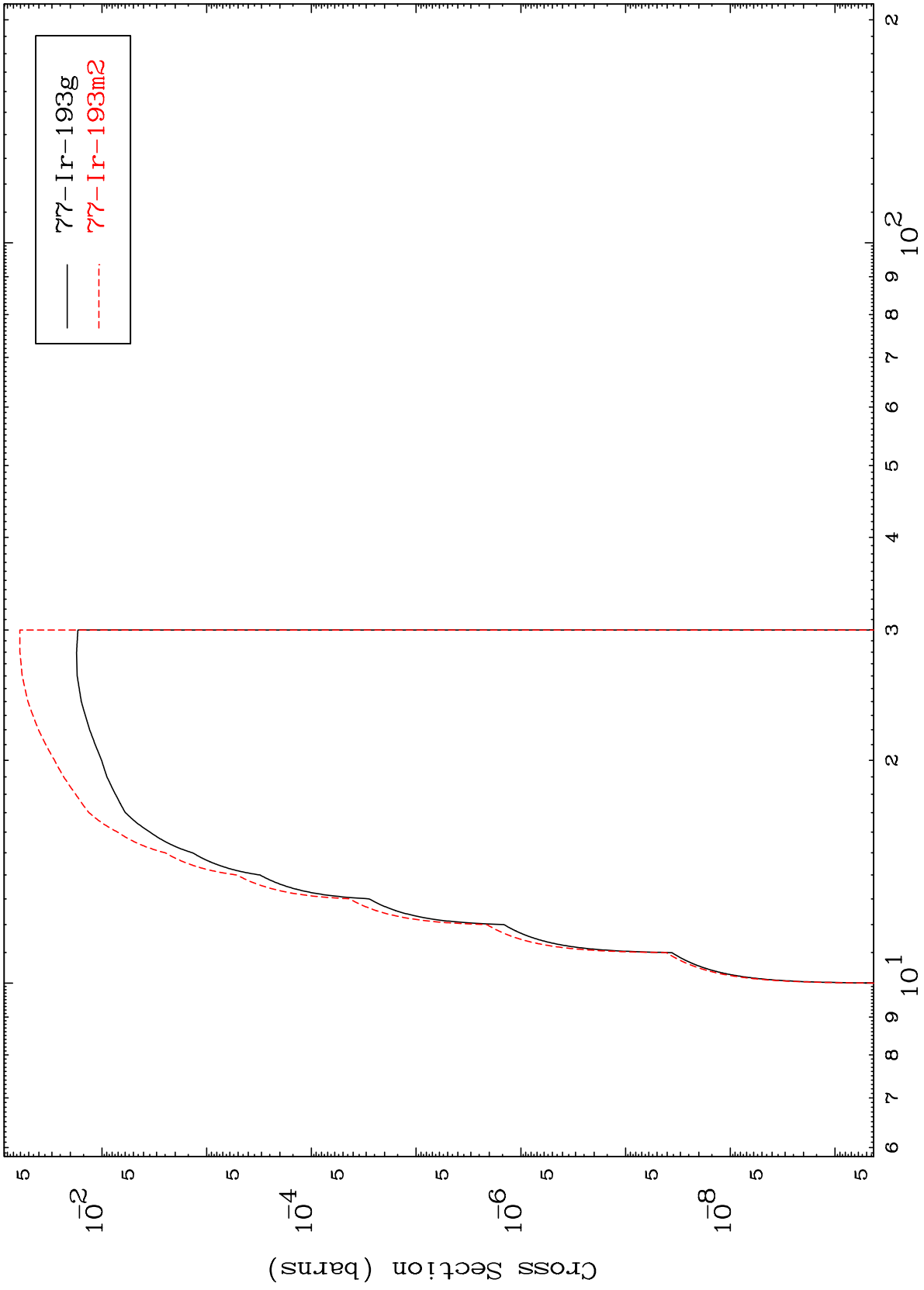
77-Ir-194

MAT 7734

(d,n') d

77-Ir-194

Radionuclide Production Cross Section



20

Incident Energy (MeV)

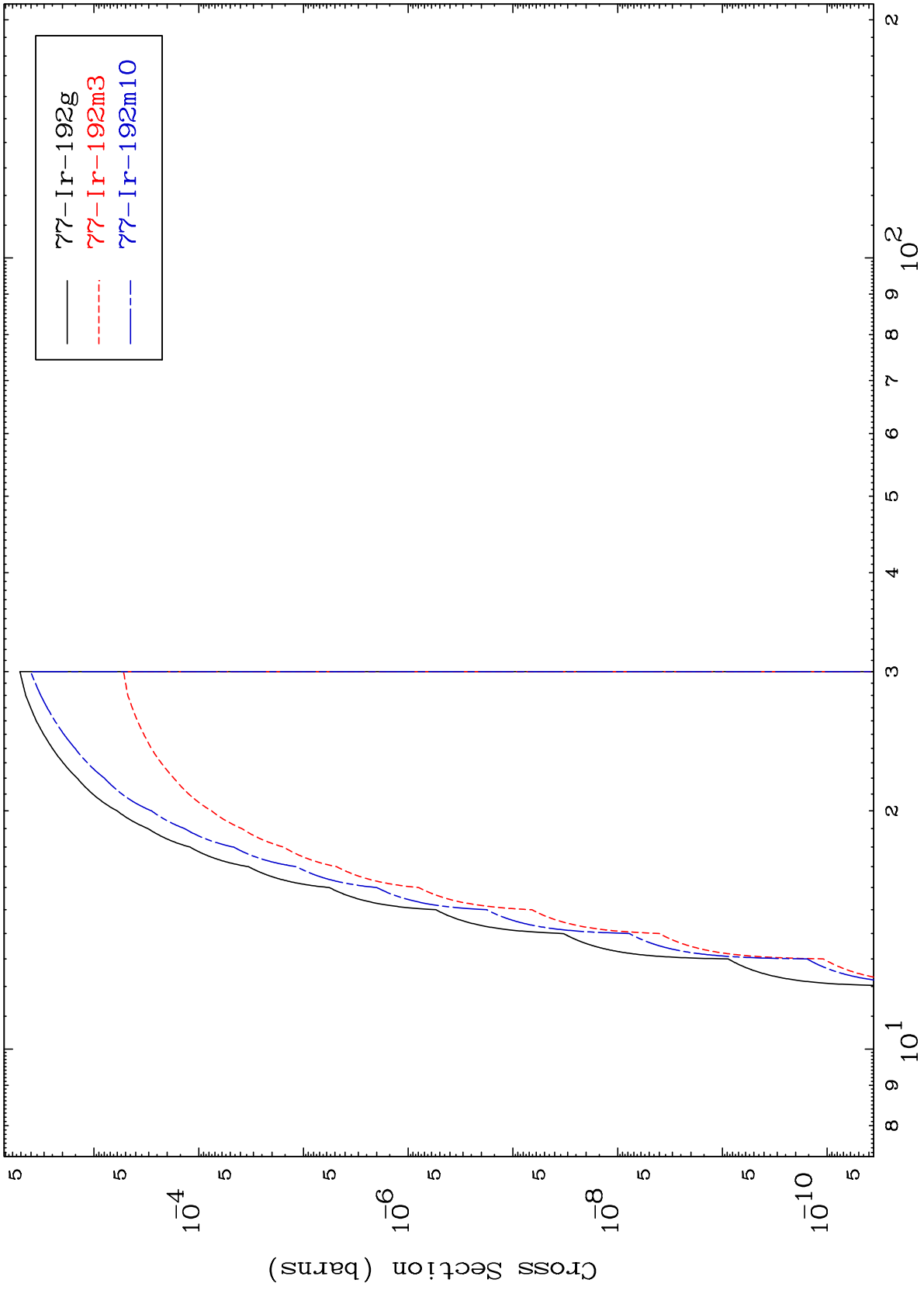
77-Ir-194

MAT 7734

(d,n') t

77-Ir-194

Radionuclide Production Cross Section



21

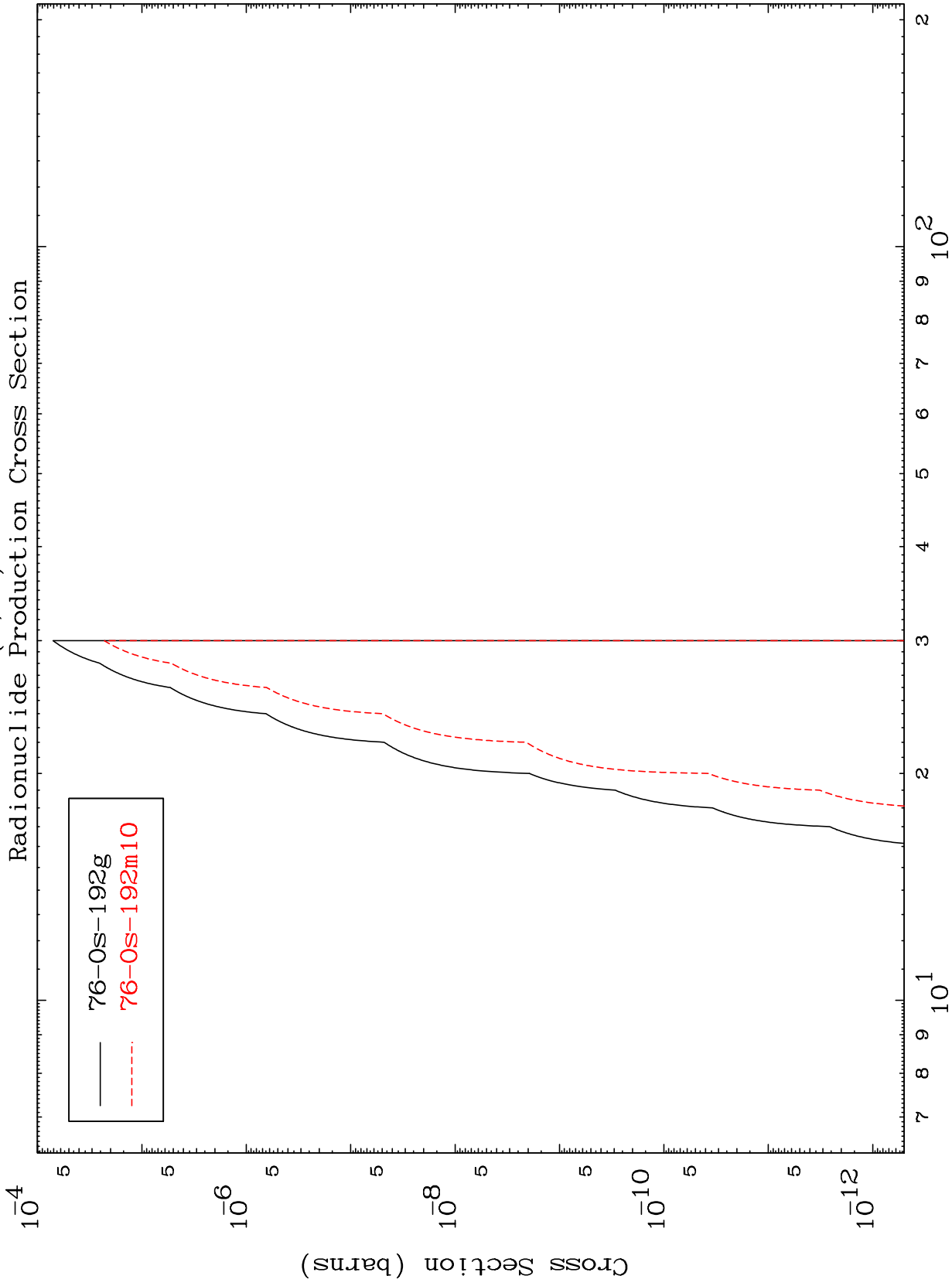
Incident Energy (MeV)

77-Ir-194

MAT 7734

(d,n') He-3

77-Ir-194



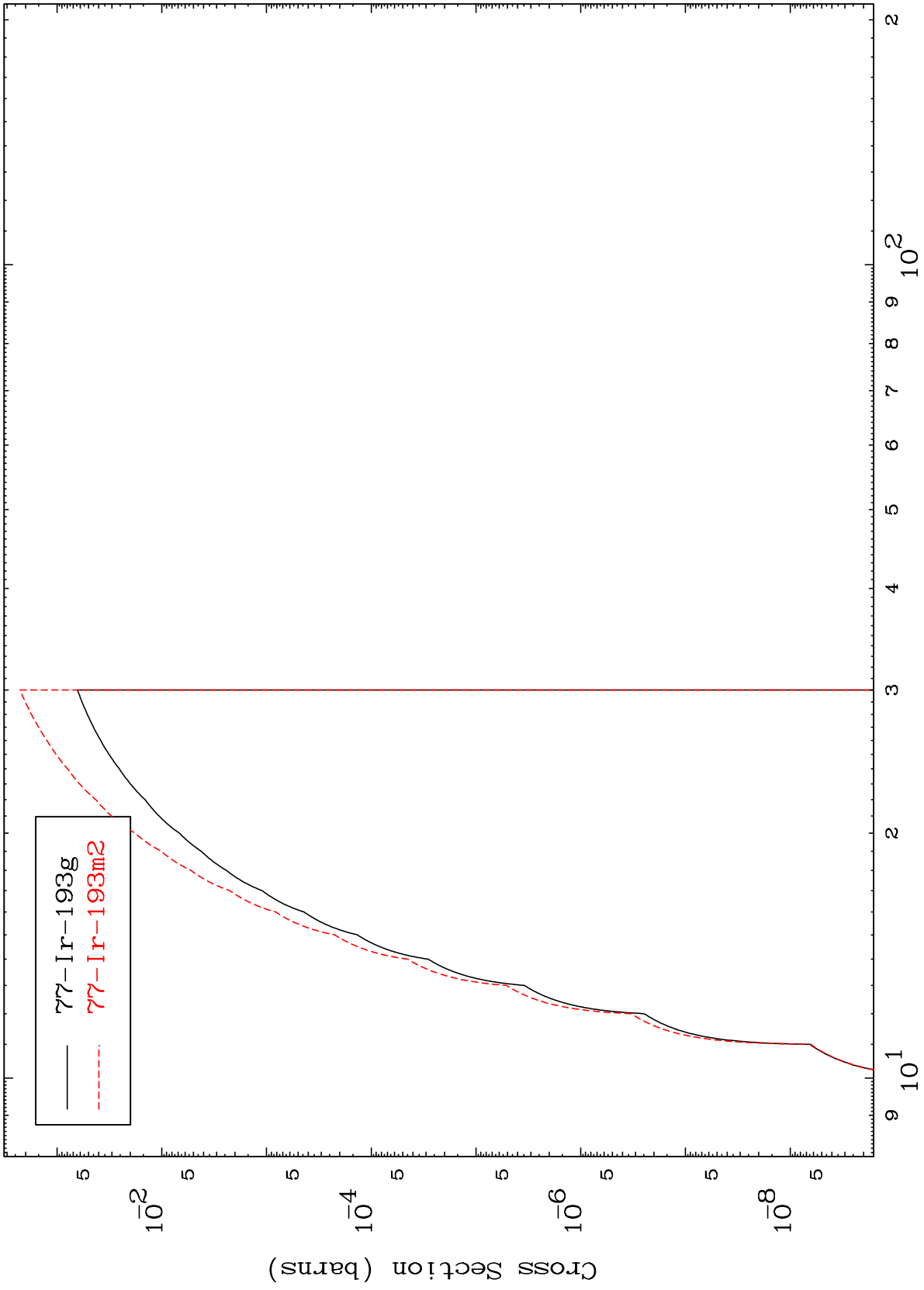
76-Os-192g
76-Os-192m10

MAT 7734

(d,2n) p

⁷⁷Ir-194

Radionuclide Production Cross Section



23

Incident Energy (MeV)

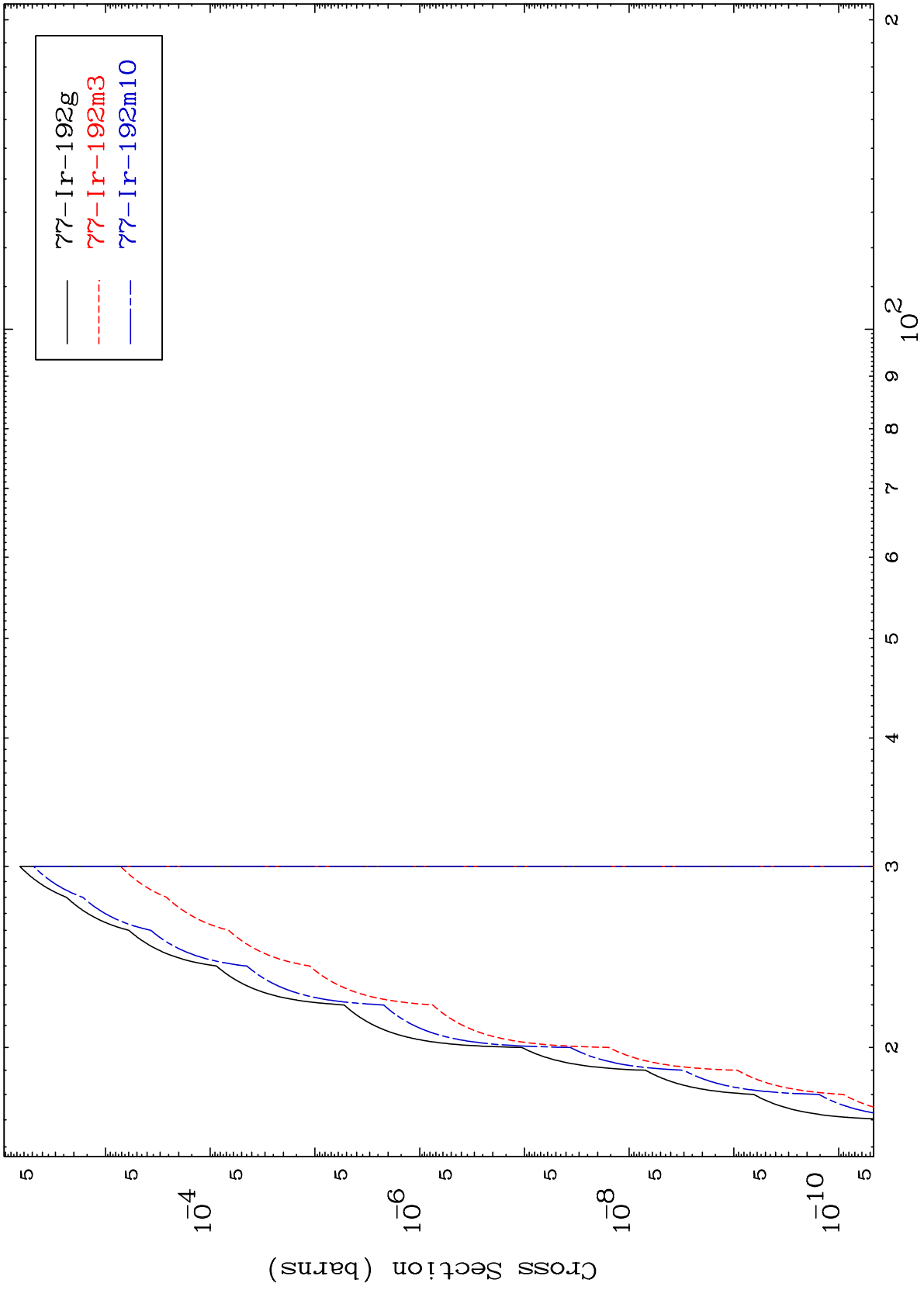
⁷⁷Ir-194

MAT 7734

(d,3n) p

77-Ir-194

Radionuclide Production Cross Section



24

Incident Energy (MeV)

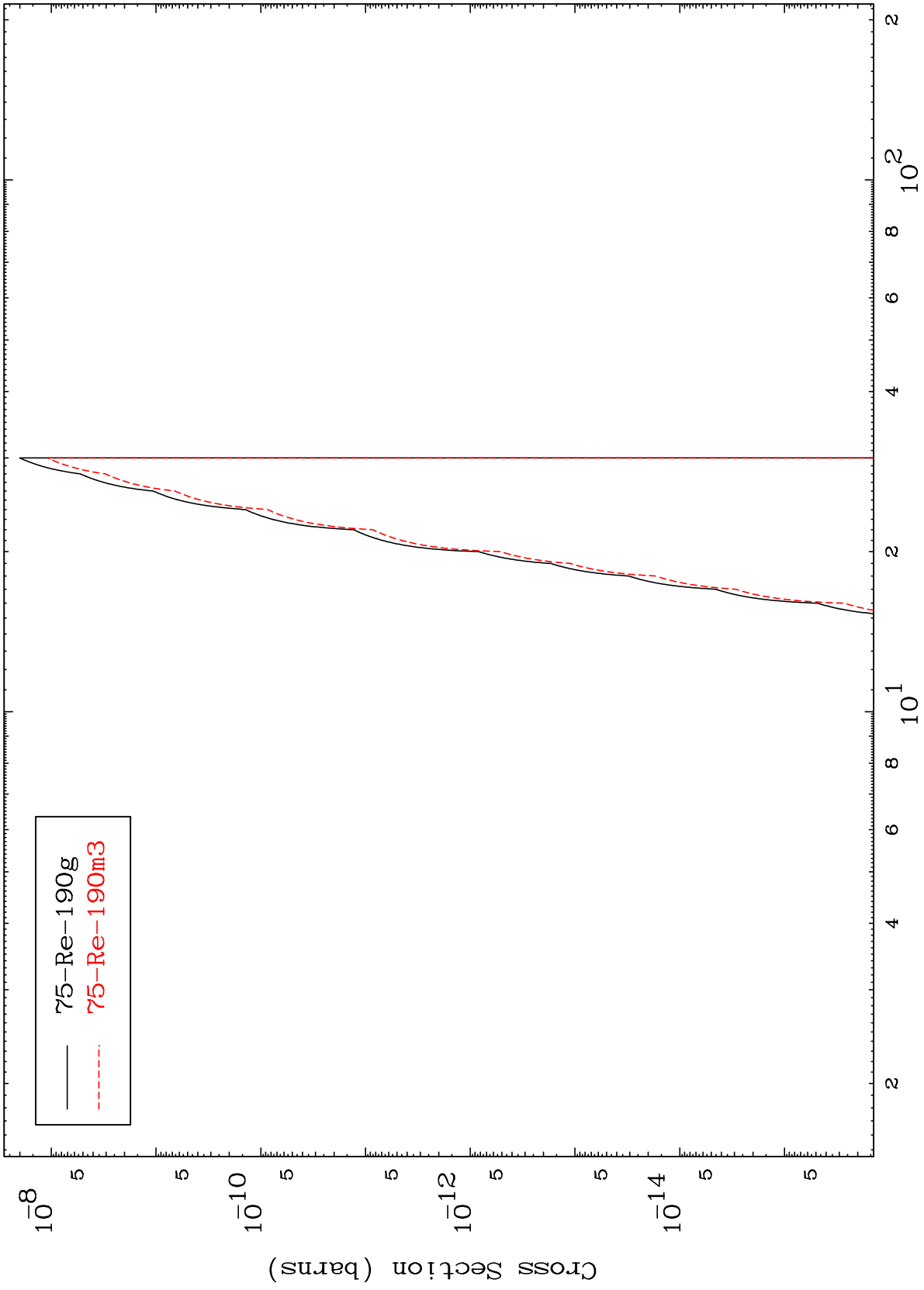
77-Ir-194

MAT 7734

(d,n') p α

77-Ir-194

Radionuclide Production Cross Section



25

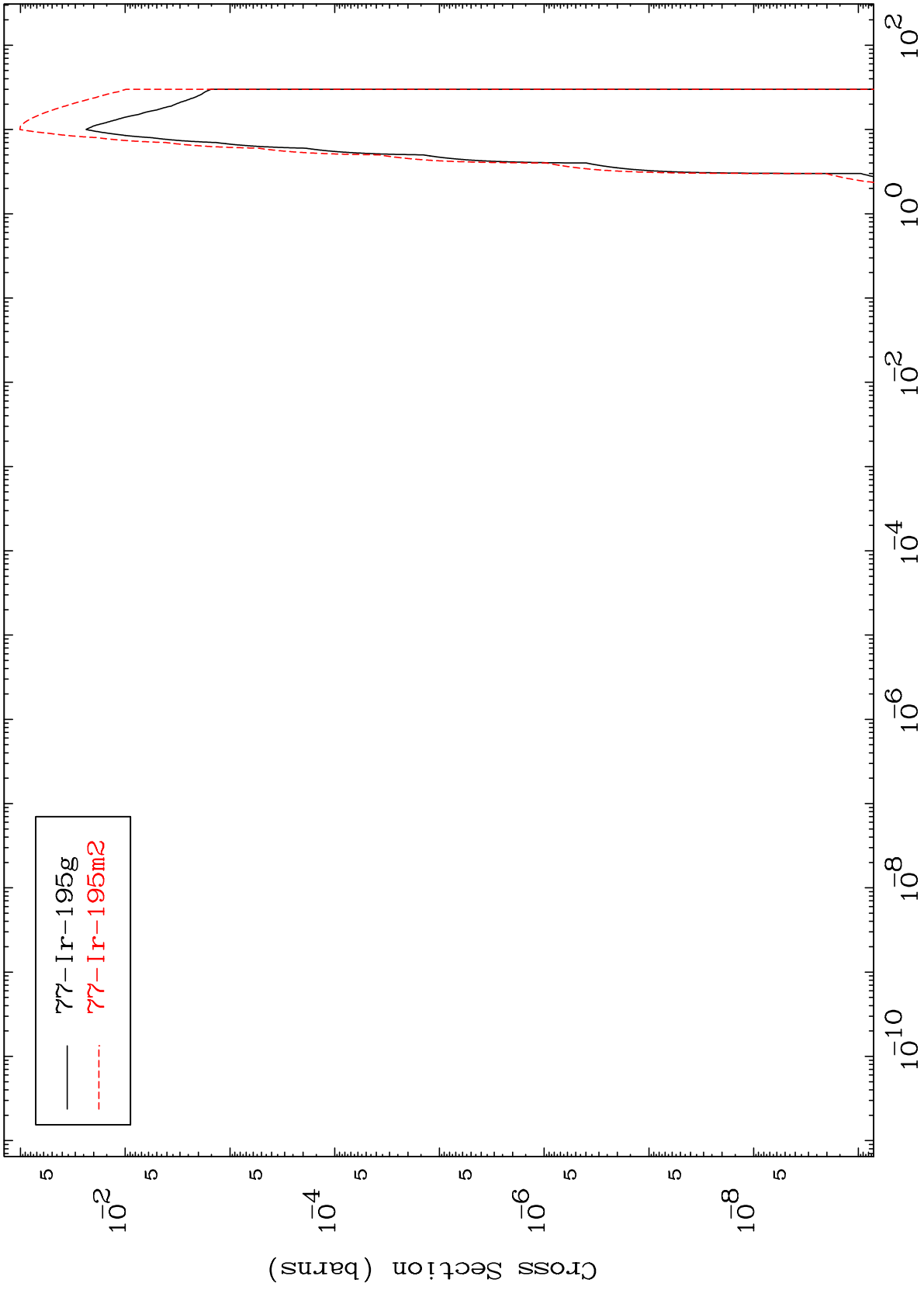
Incident Energy (MeV)

77-Ir-194

MAT 7734

(d,p)
Radionuclide Production Cross Section

⁷⁷Ir-194

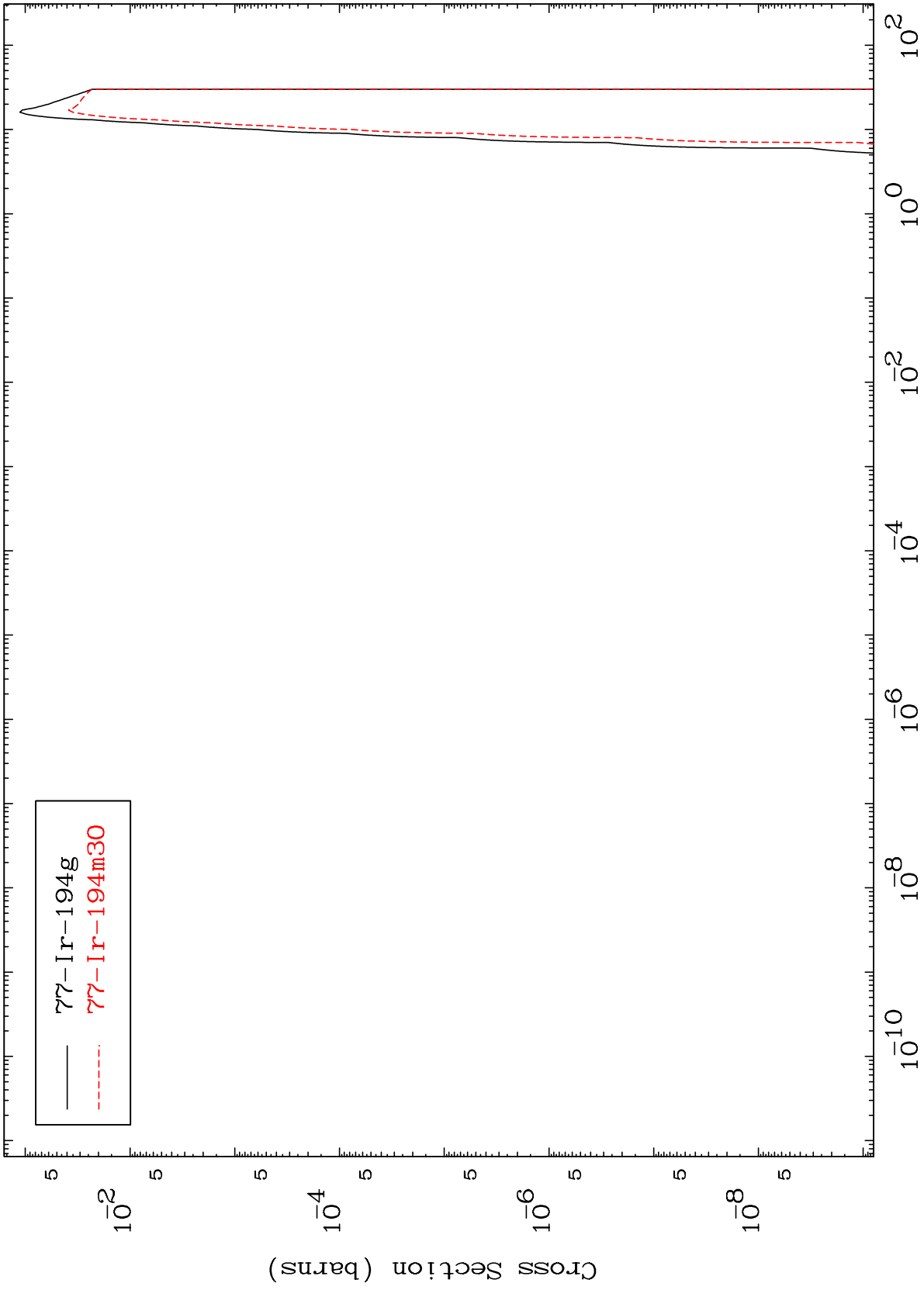


⁷⁷Ir-194

MAT 7734

(d,d)

Radionuclide Production Cross Section



27

Incident Energy (MeV)

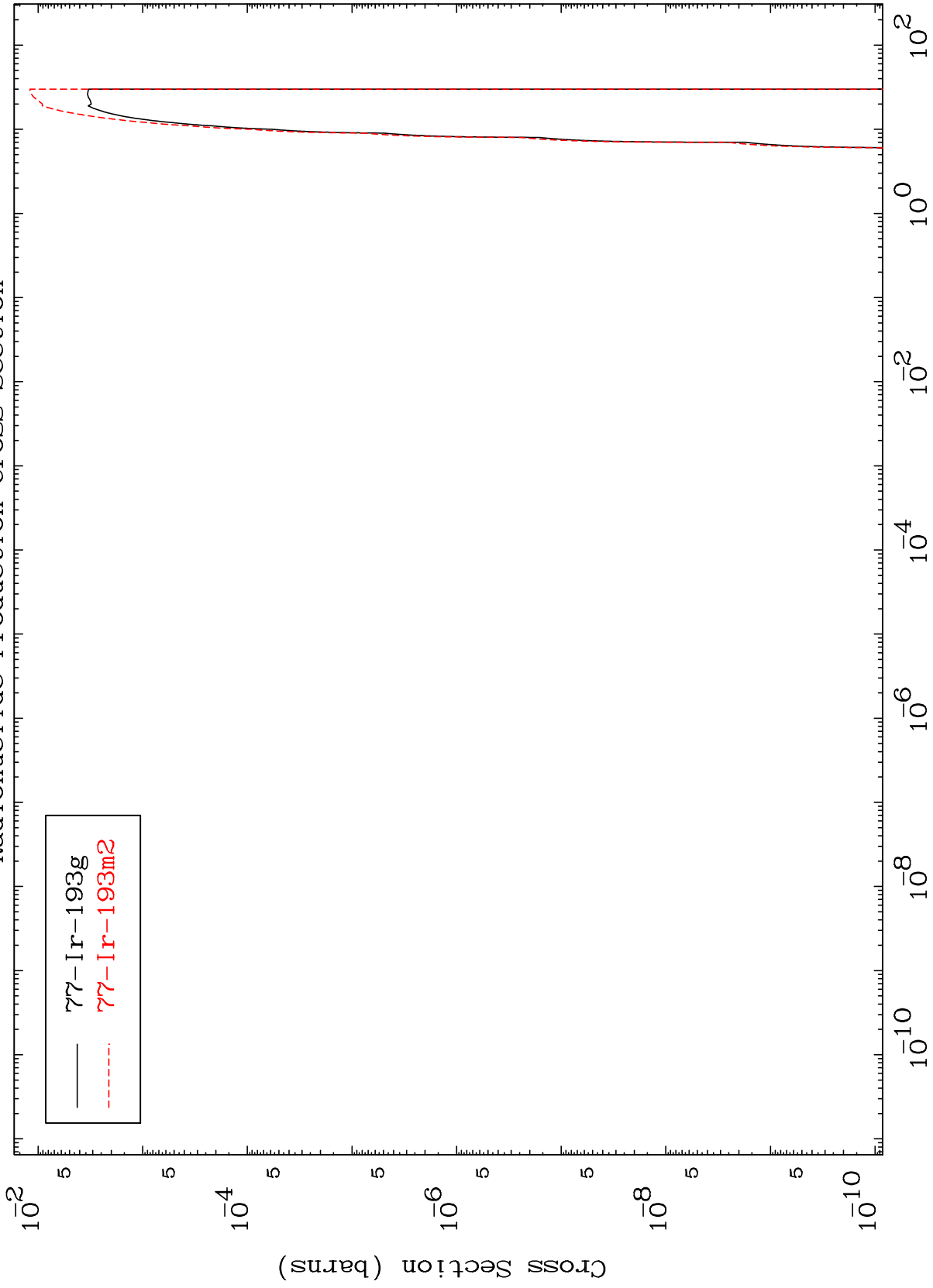
$^{77}\text{Ir-194}$

MAT 7734

(d, t)

⁷⁷Ir-194

Radionuclide Production Cross Section



28

Incident Energy (MeV)

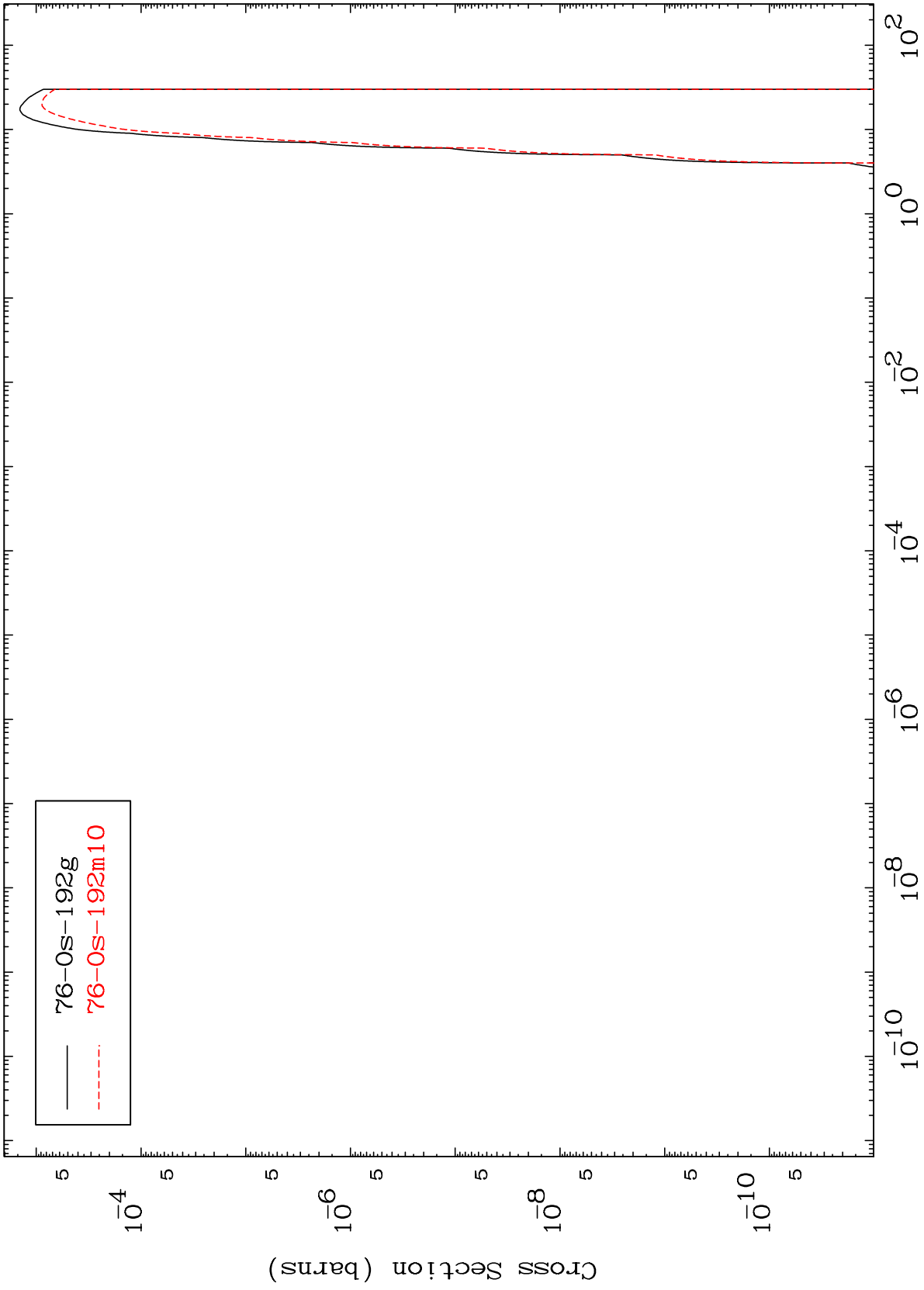
⁷⁷Ir-194

MAT 7734

(d, α)

⁷⁷Ir-194

Radionuclide Production Cross Section



29

Incident Energy (MeV)

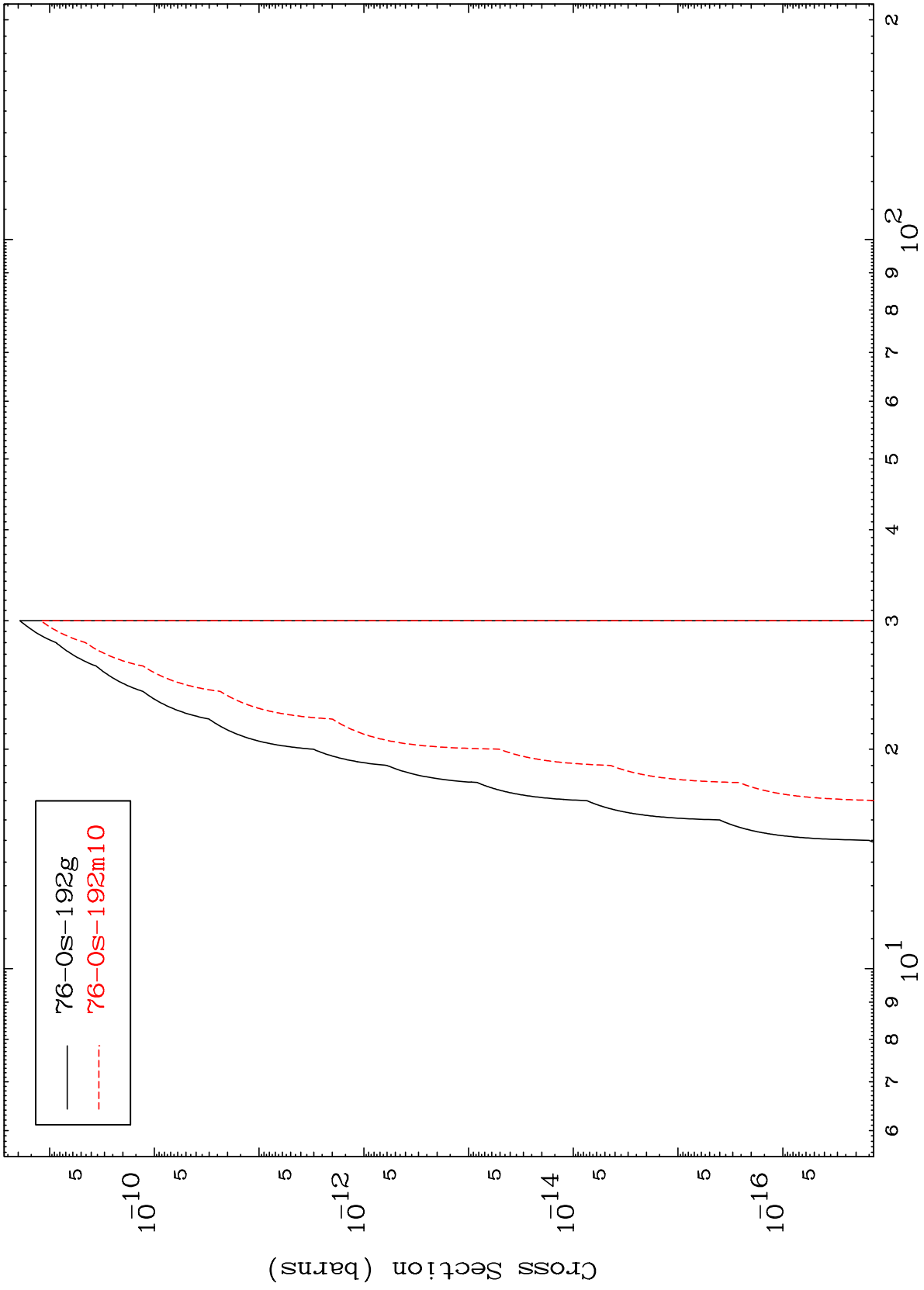
⁷⁷Ir-194

MAT 7734

(d,p) t

77-Ir-194

Radionuclide Production Cross Section



30

Incident Energy (MeV)

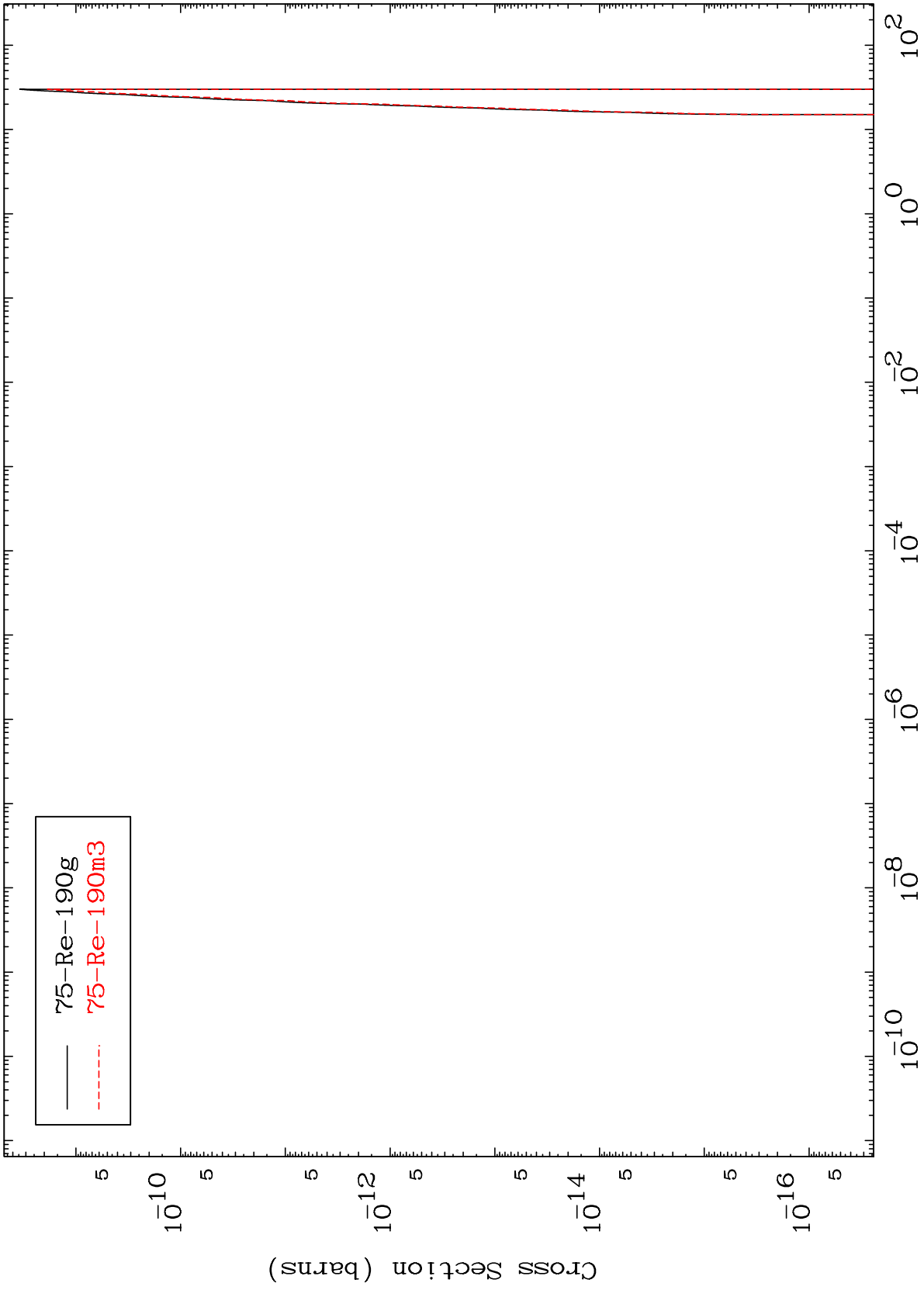
77-Ir-194

MAT 7734

(d,d) α

77-Ir-194

Radionuclide Production Cross Section



77-Ir-194