

Program EVALPLOT
(Version 2021-1)

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

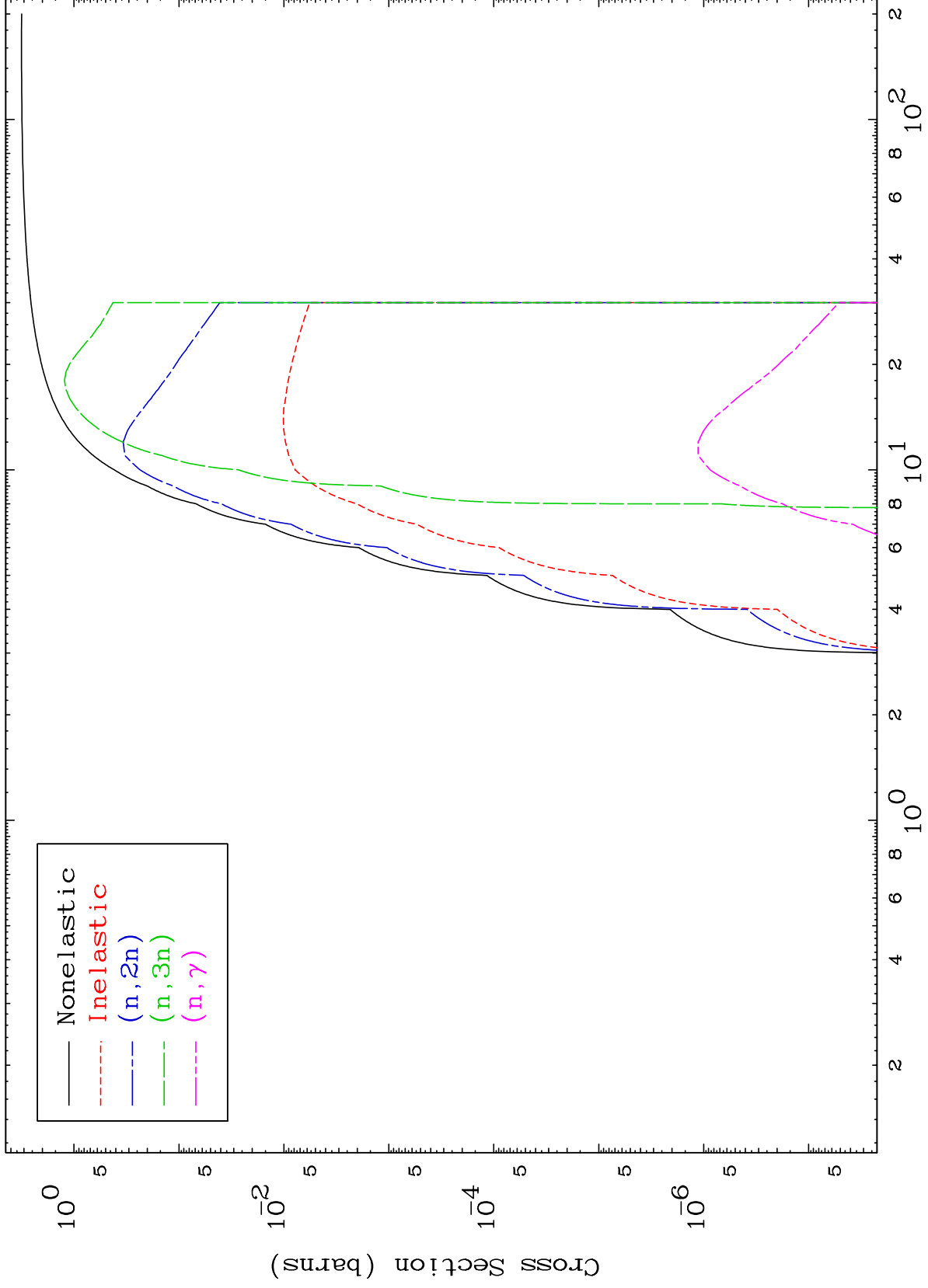
Web:redcullen1.net/HOMEPAGE.NEW

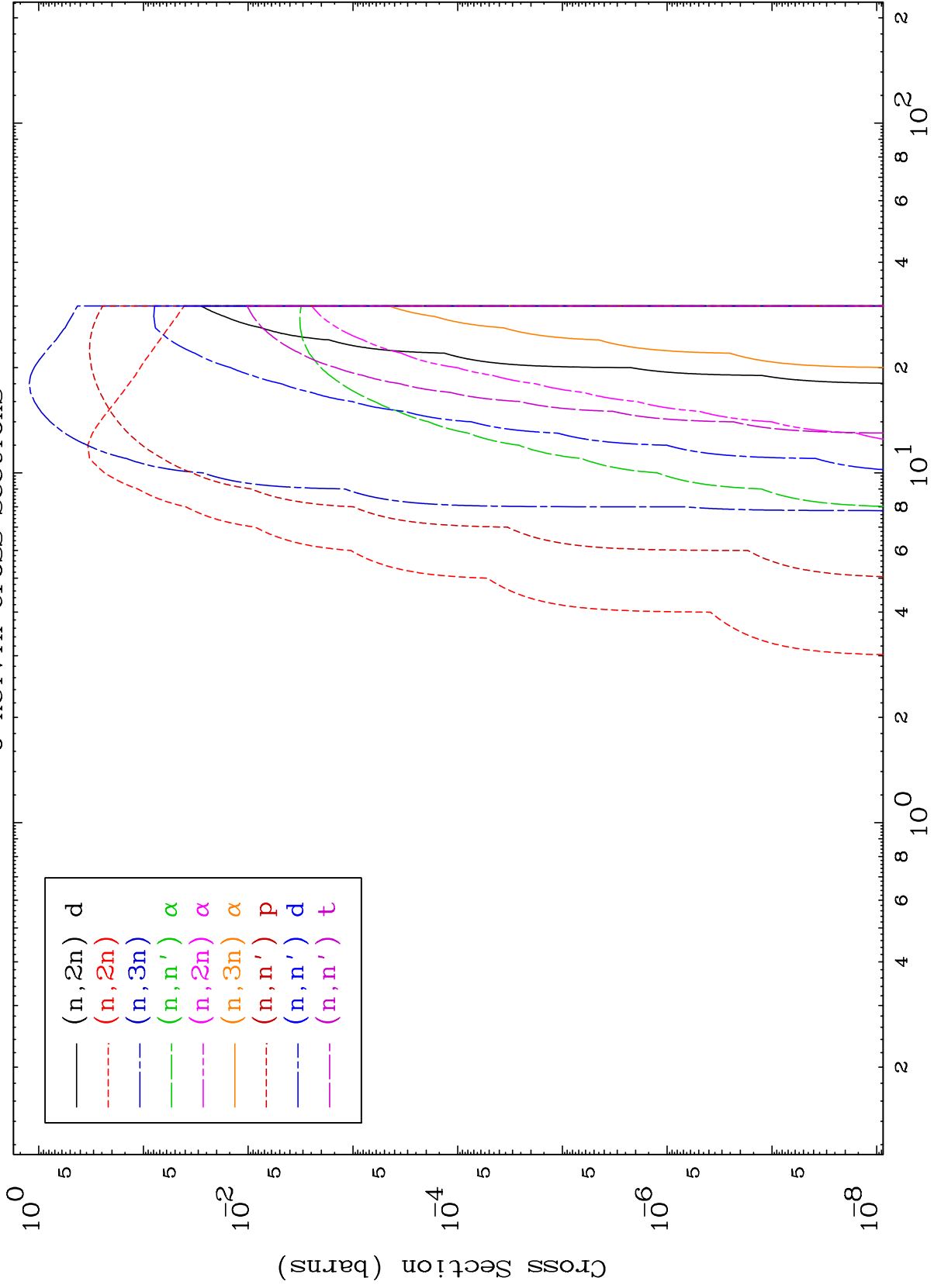
Press Mouse Button to Start

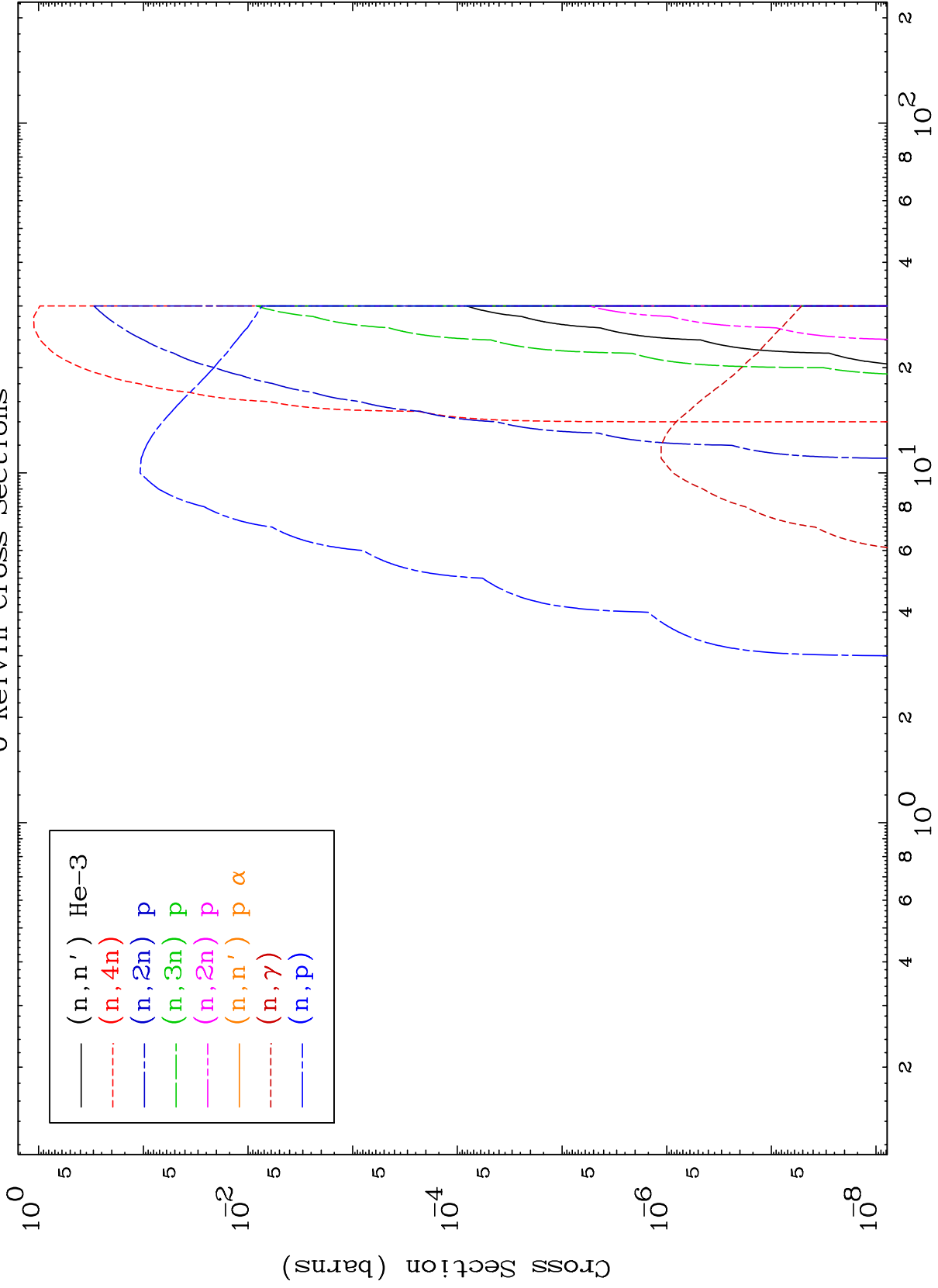
MAT 7740

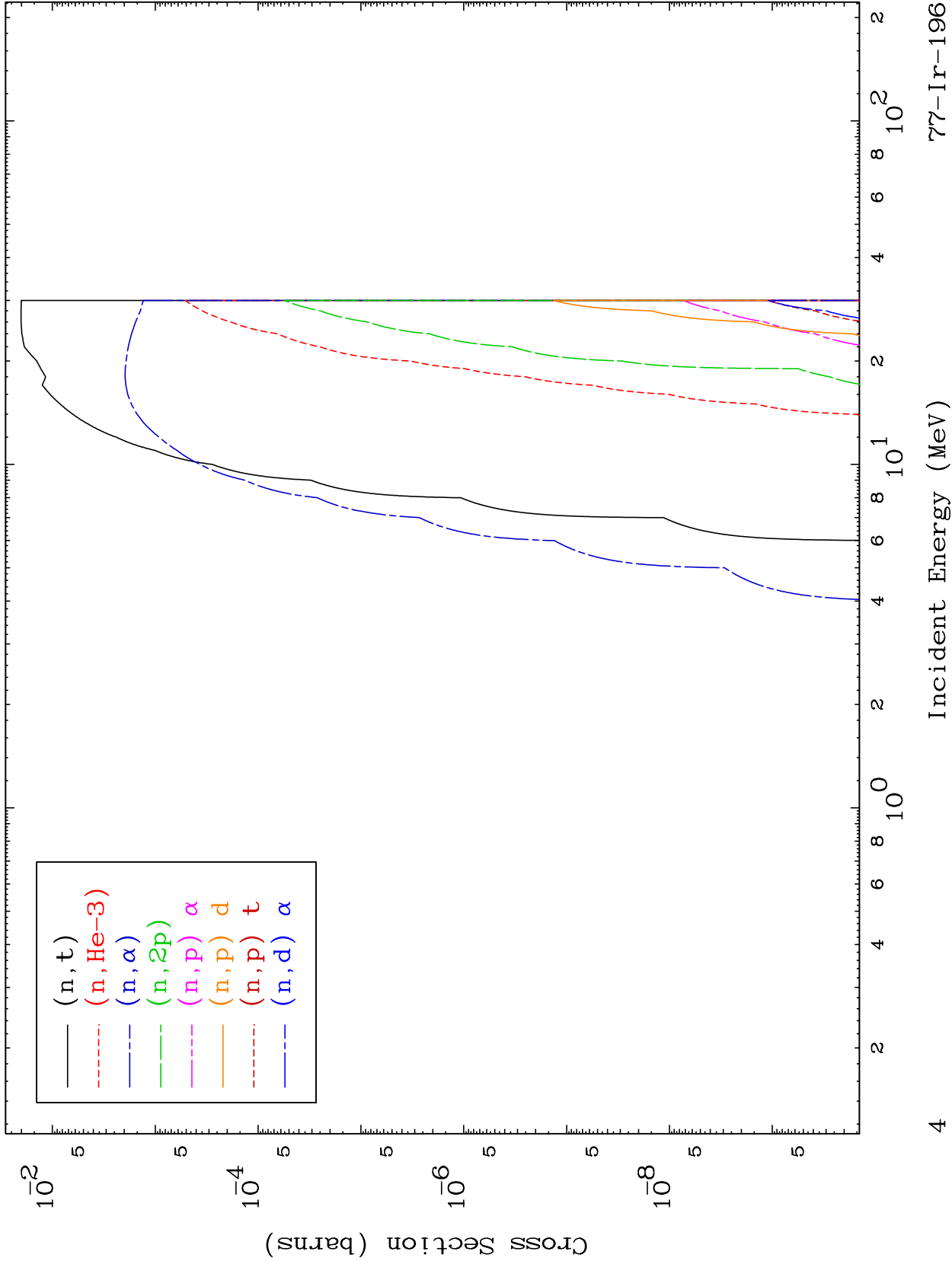
Deuteron Major
0 Kelvin Cross Sections

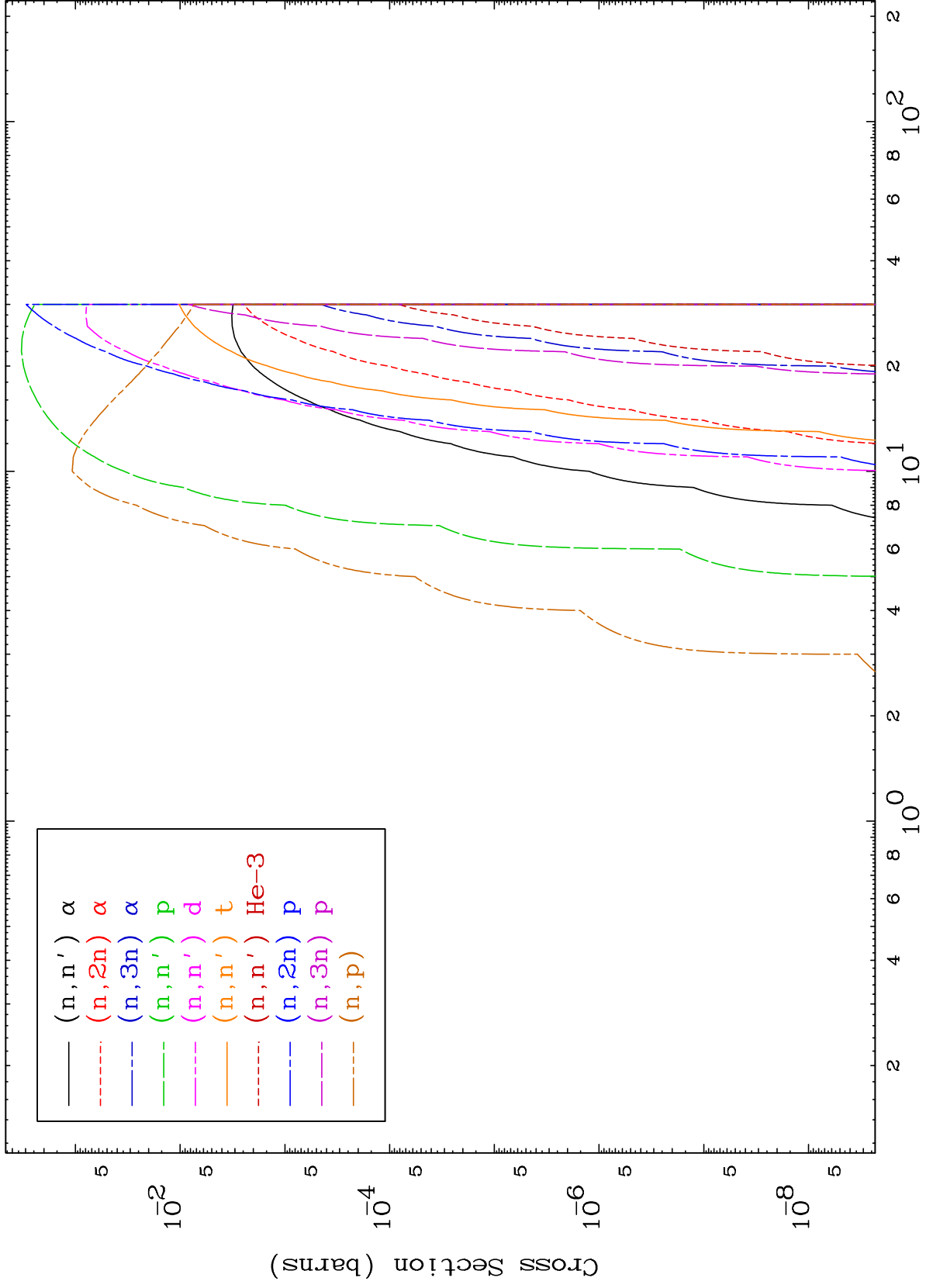
77-Ir-196

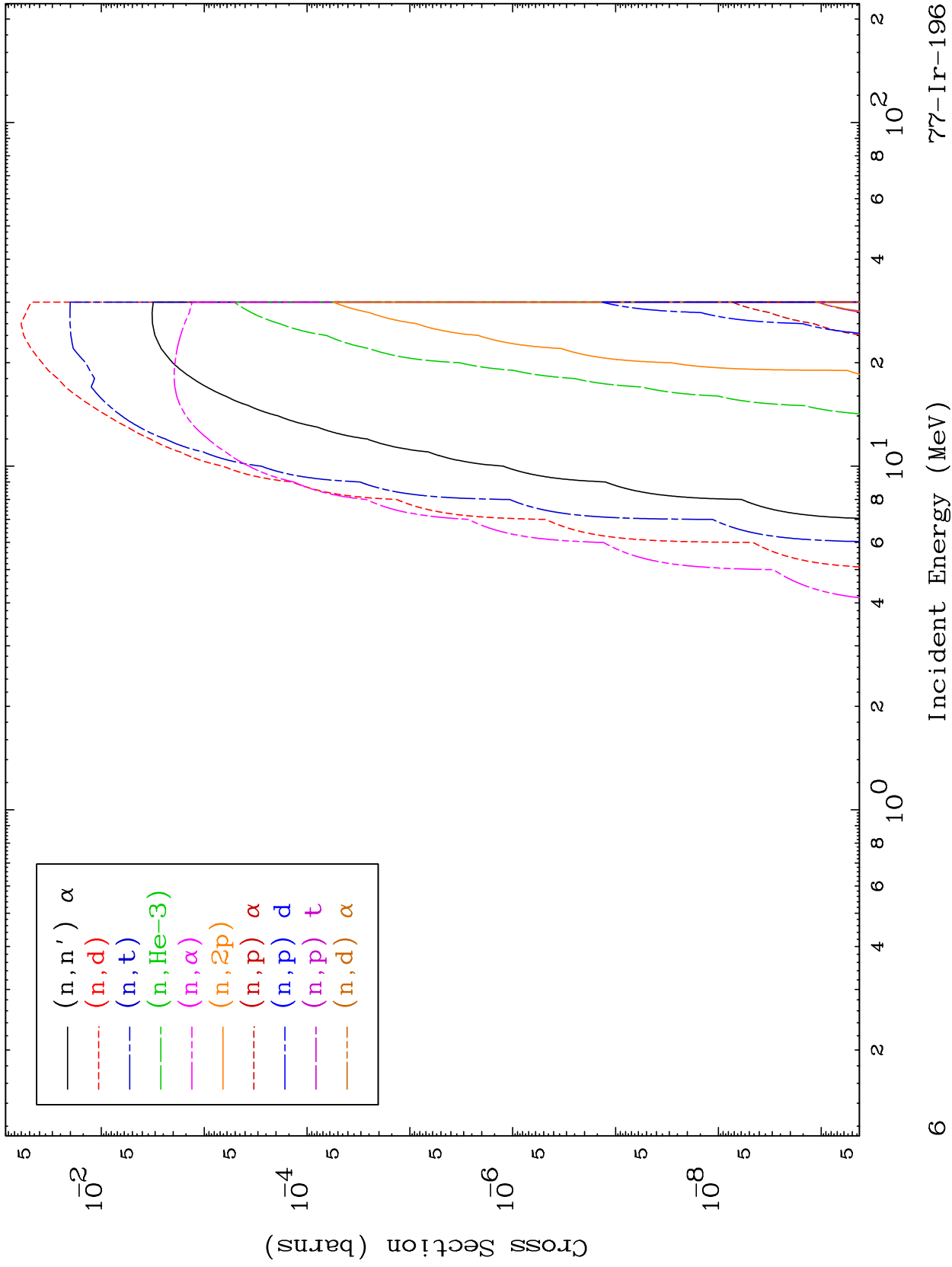










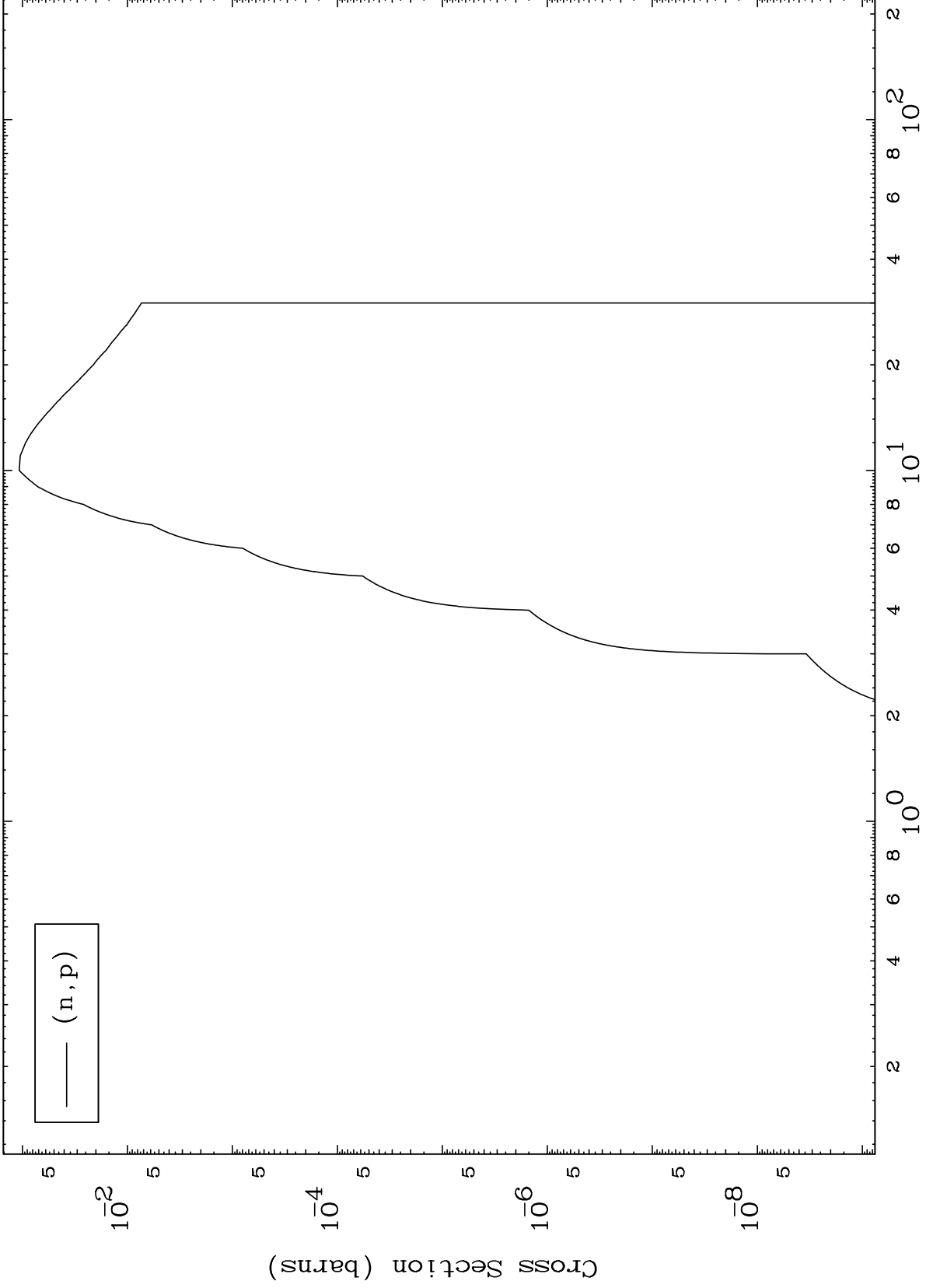


MAT 7740

(d,p) Levels

77-Ir-196

0 Kelvin Cross Sections

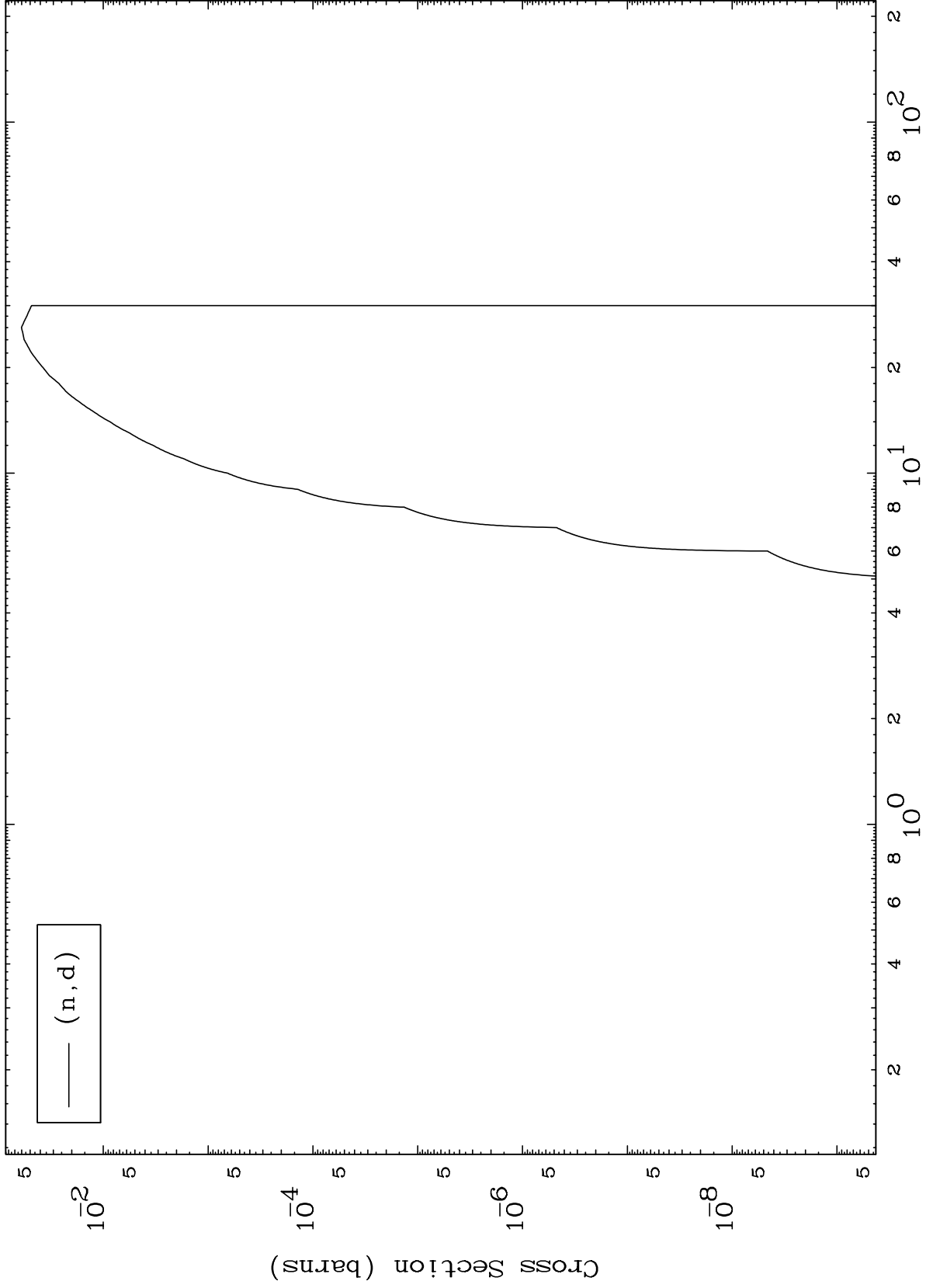


MAT 7740

(d,d) Levels

77-Ir-196

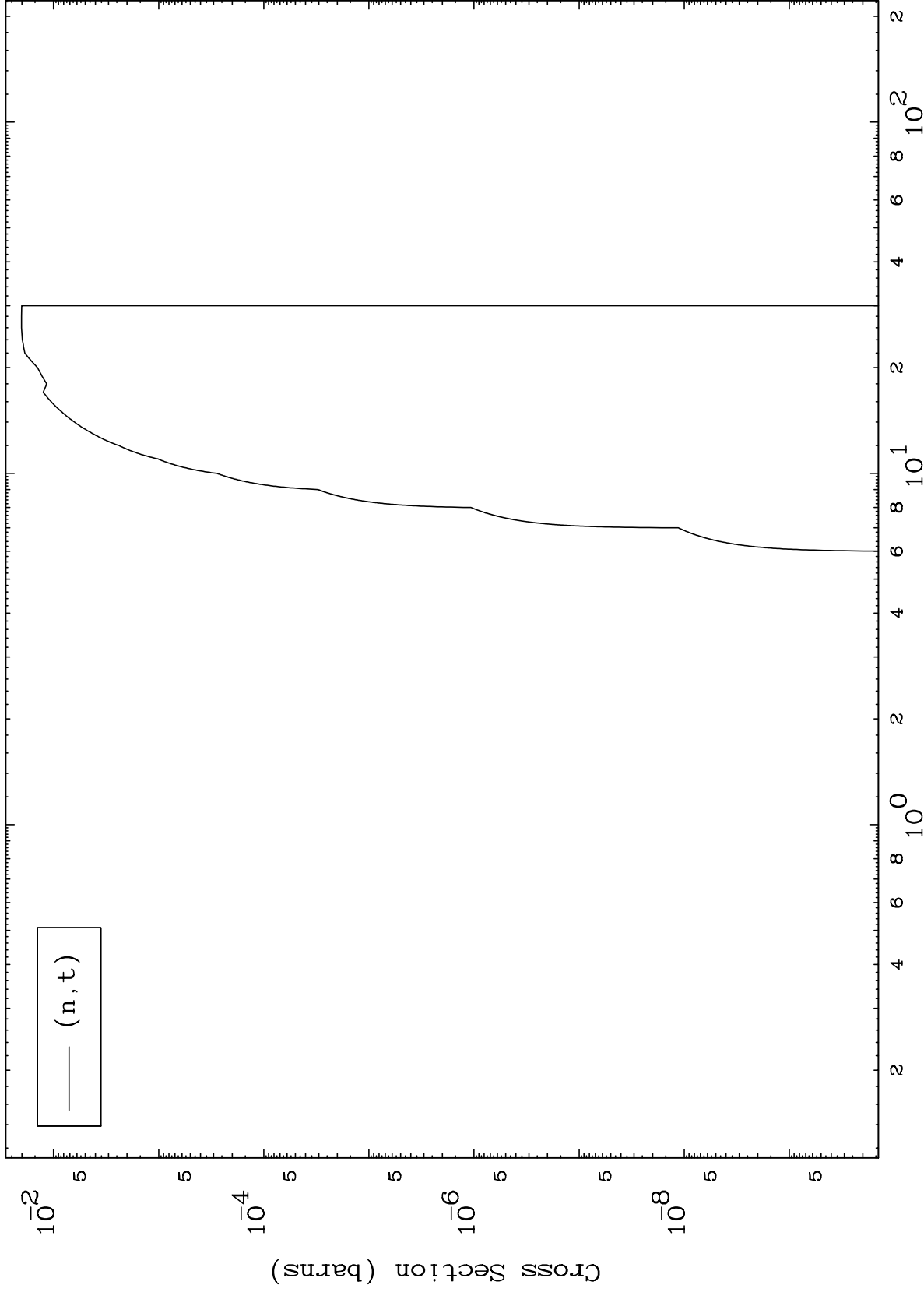
0 Kelvin Cross Sections



MAT 7740

77-Ir-196

(d,t) Levels
0 Kelvin Cross Sections

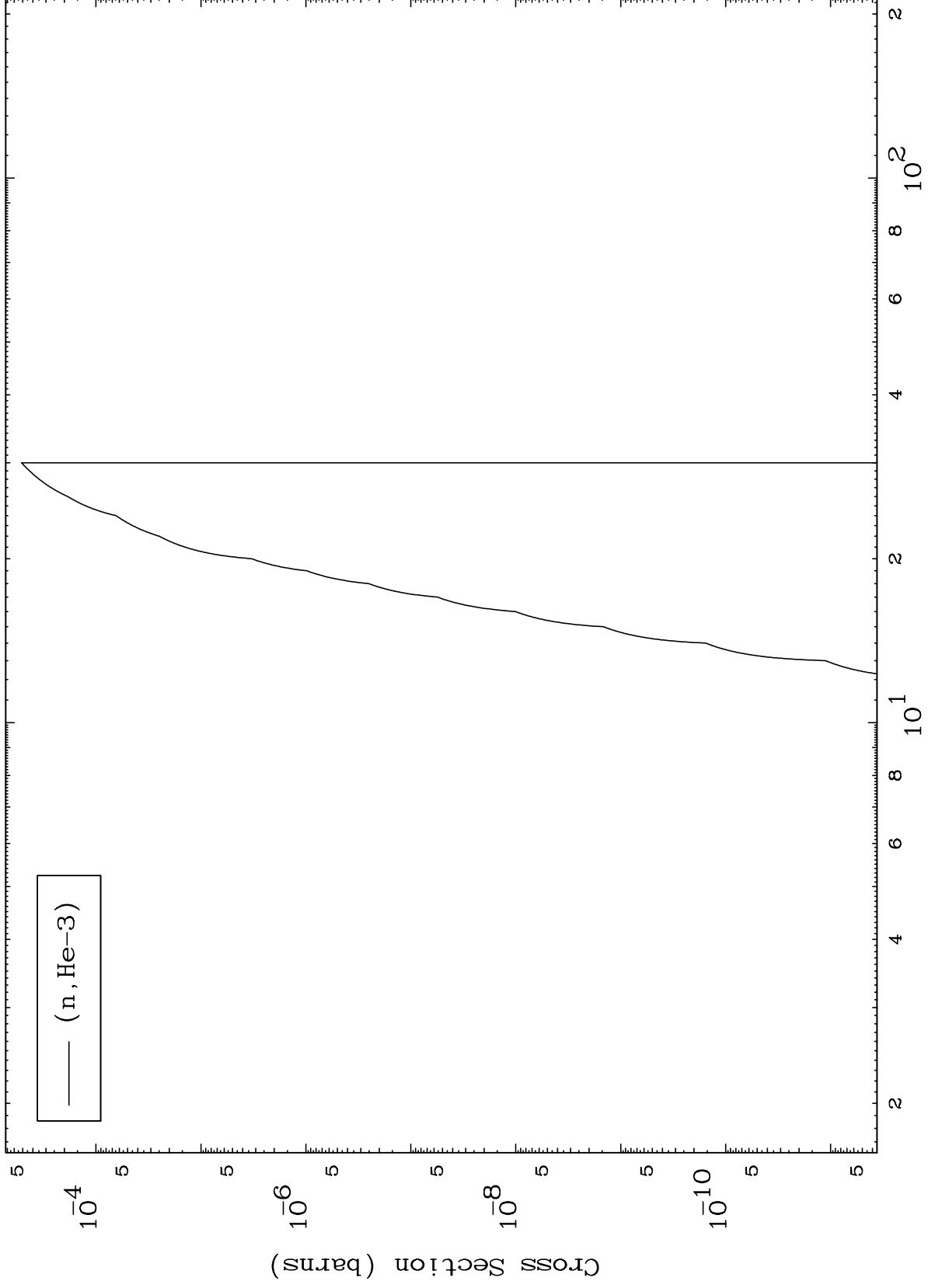


MAT 7740

(d,He3) Levels

77-Ir-196

0 Kelvin Cross Sections



10

Incident Energy (MeV)

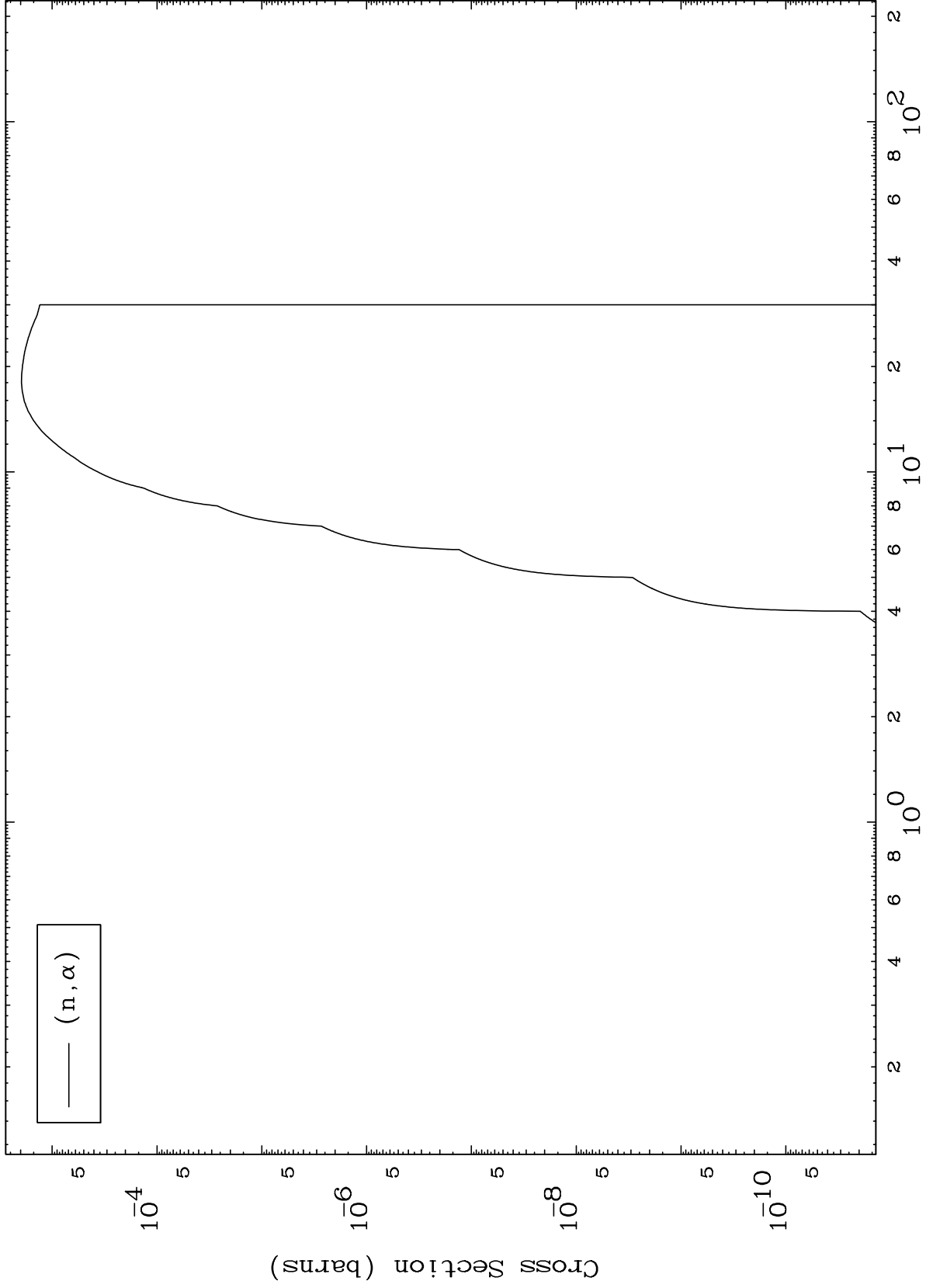
77-Ir-196

MAT 7740

(d, α) Levels

77-Ir-196

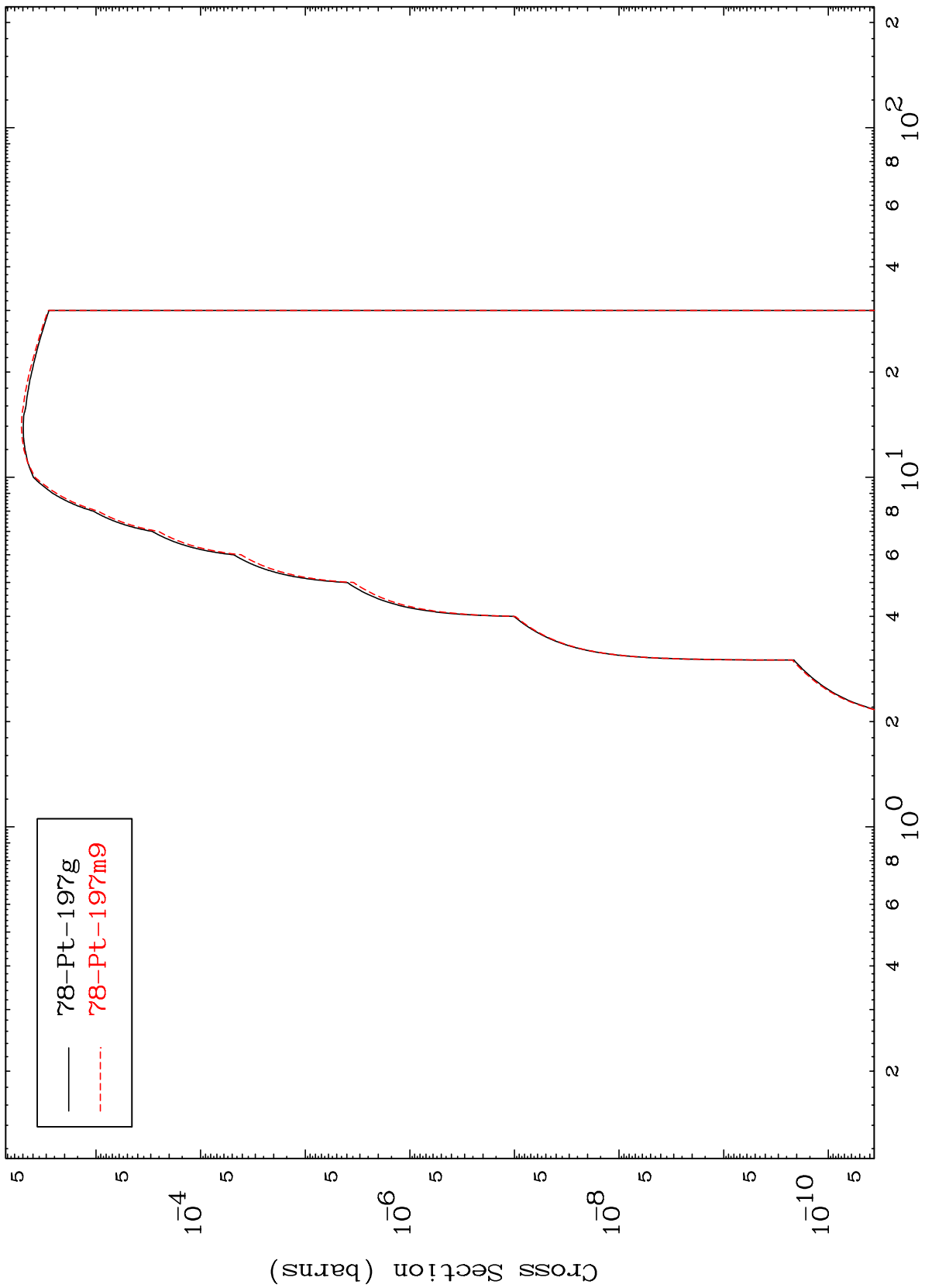
0 Kelvin Cross Sections



MAT 7740

77-Ir-196

Inelastic
Radionuclide Production Cross Section

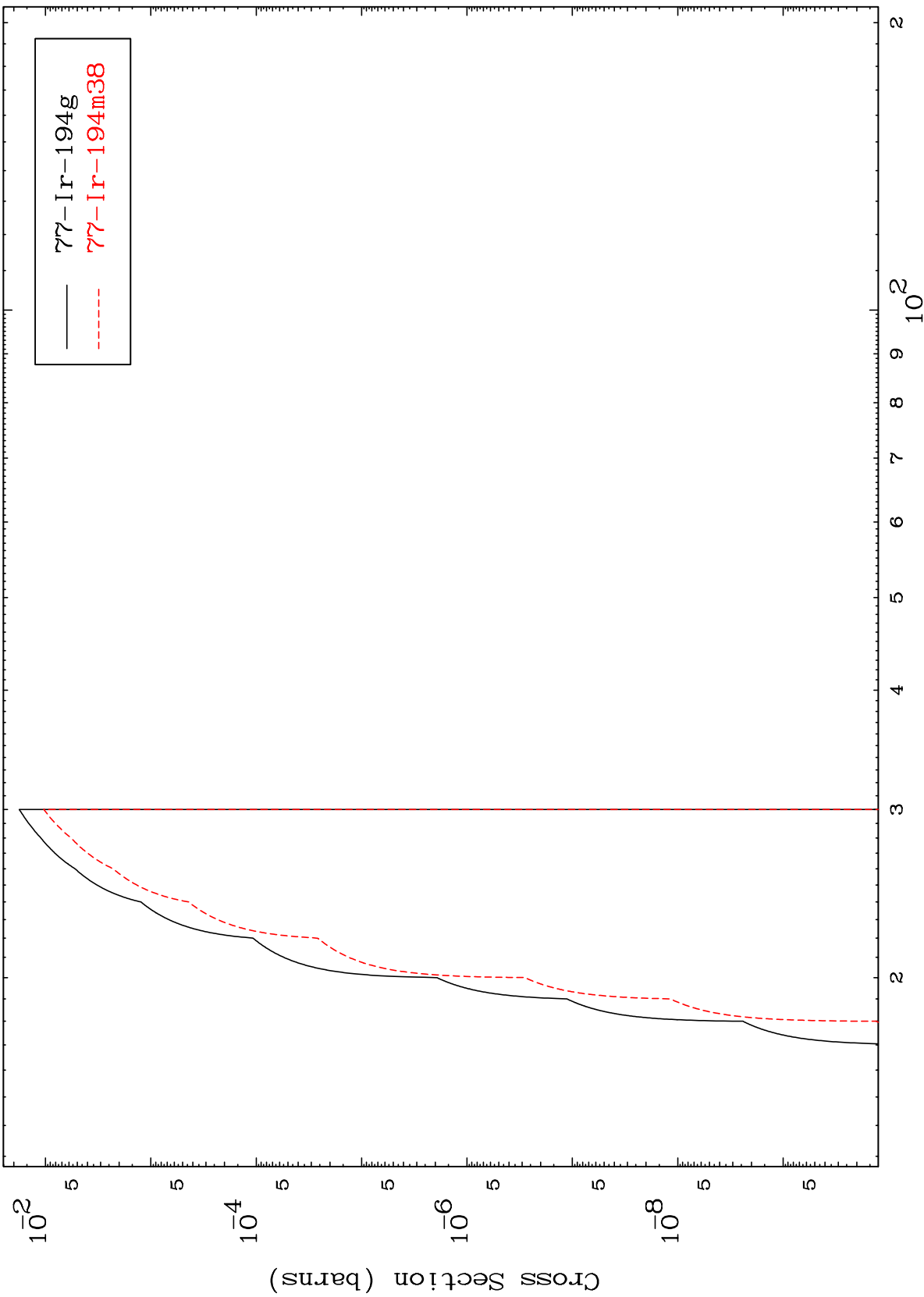


MAT 7740

(n,2n) d

77-Ir-196

Radionuclide Production Cross Section

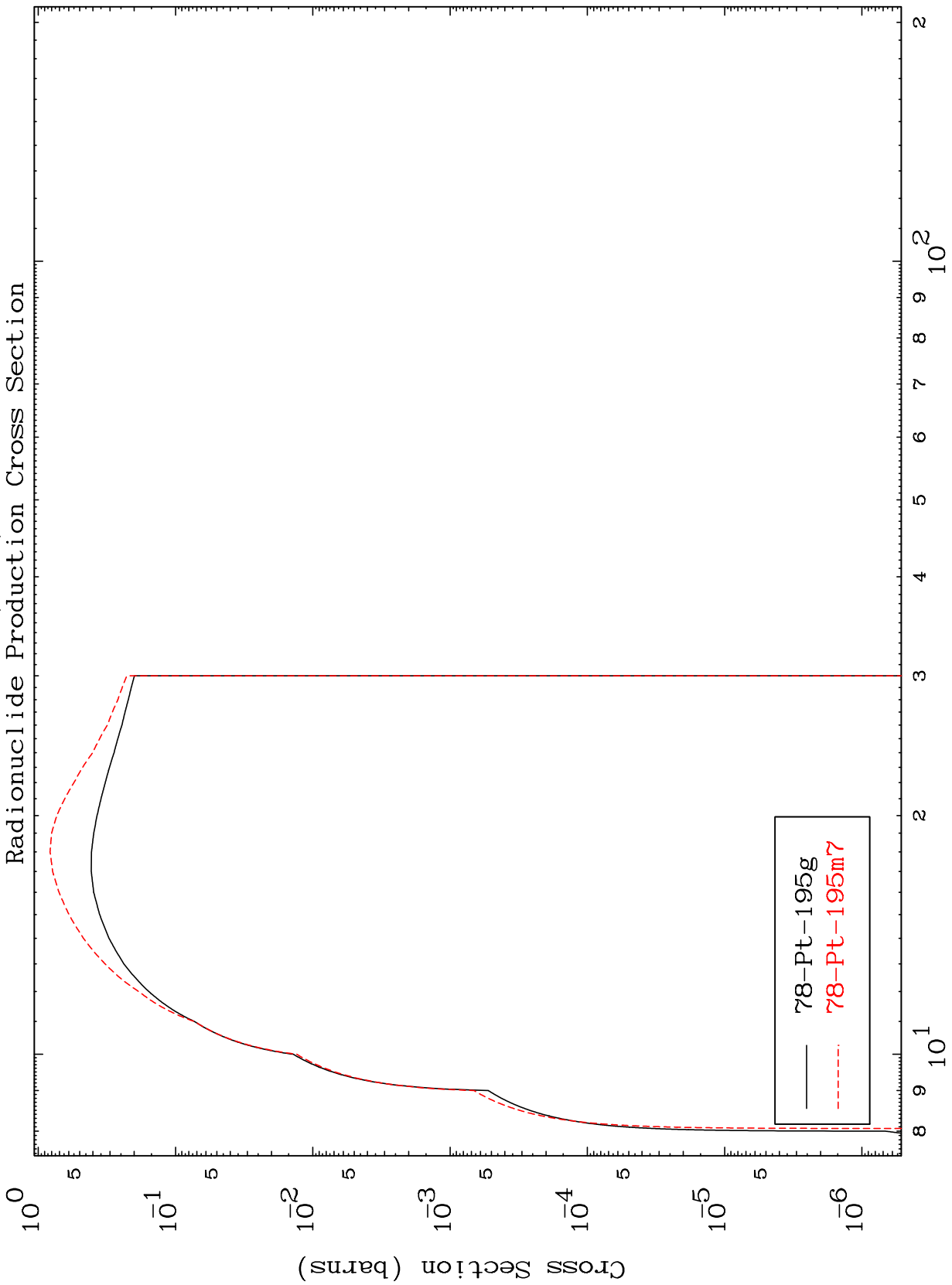


77-Ir-194g
77-Ir-194m38

MAT 7740

77-Ir-196

(n,3n)
Radionuclide Production Cross Section



77-Ir-196

Incident Energy (MeV)

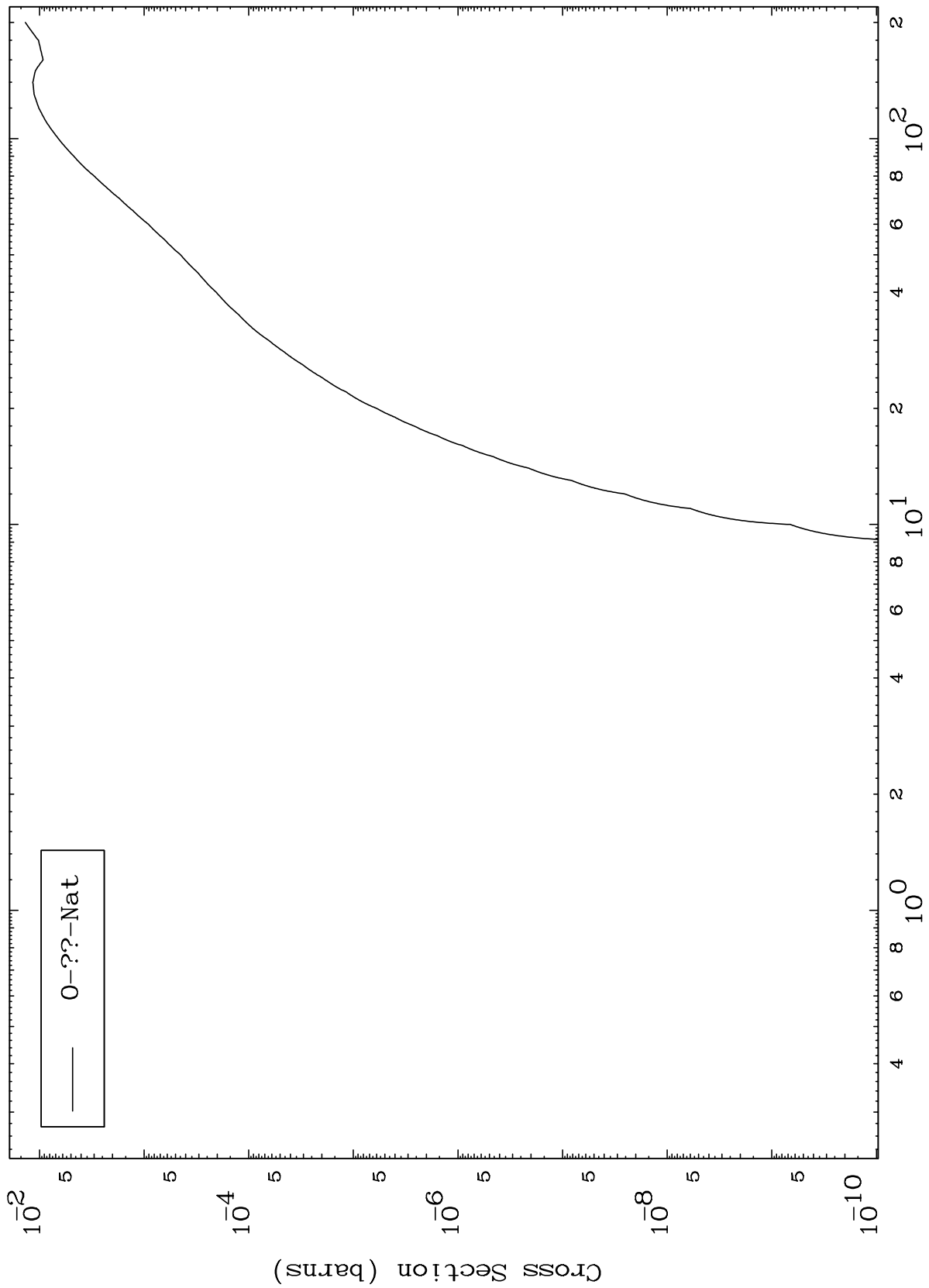
14

MAT 7740

Fission

⁷⁷Ir-196

Radionuclide Production Cross Section

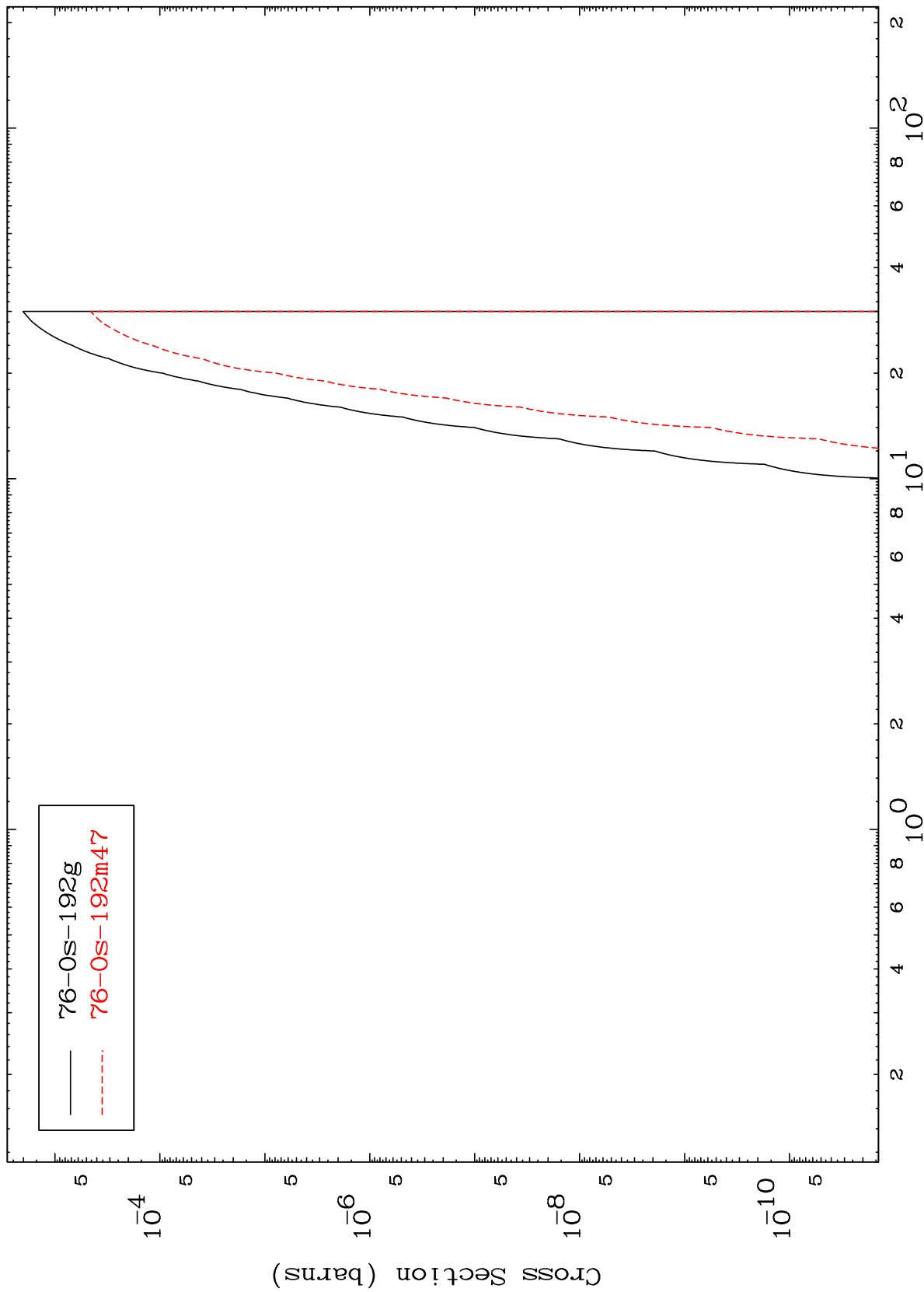


MAT 7740

(n,2n) α

77-Ir-196

Radionuclide Production Cross Section

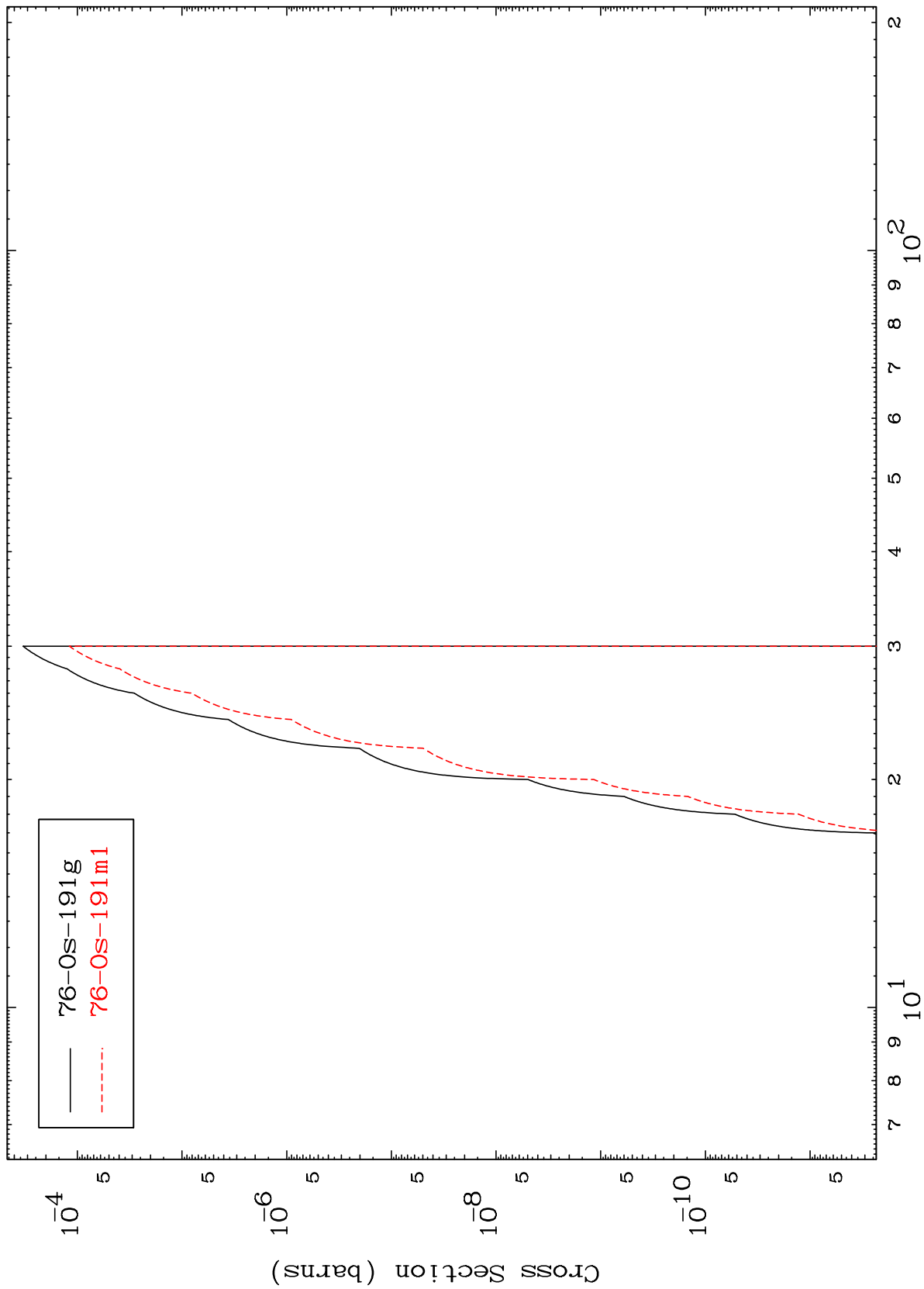


MAT 7740

(n,3n) α

⁷⁷Ir-196

Radionuclide Production Cross Section



17

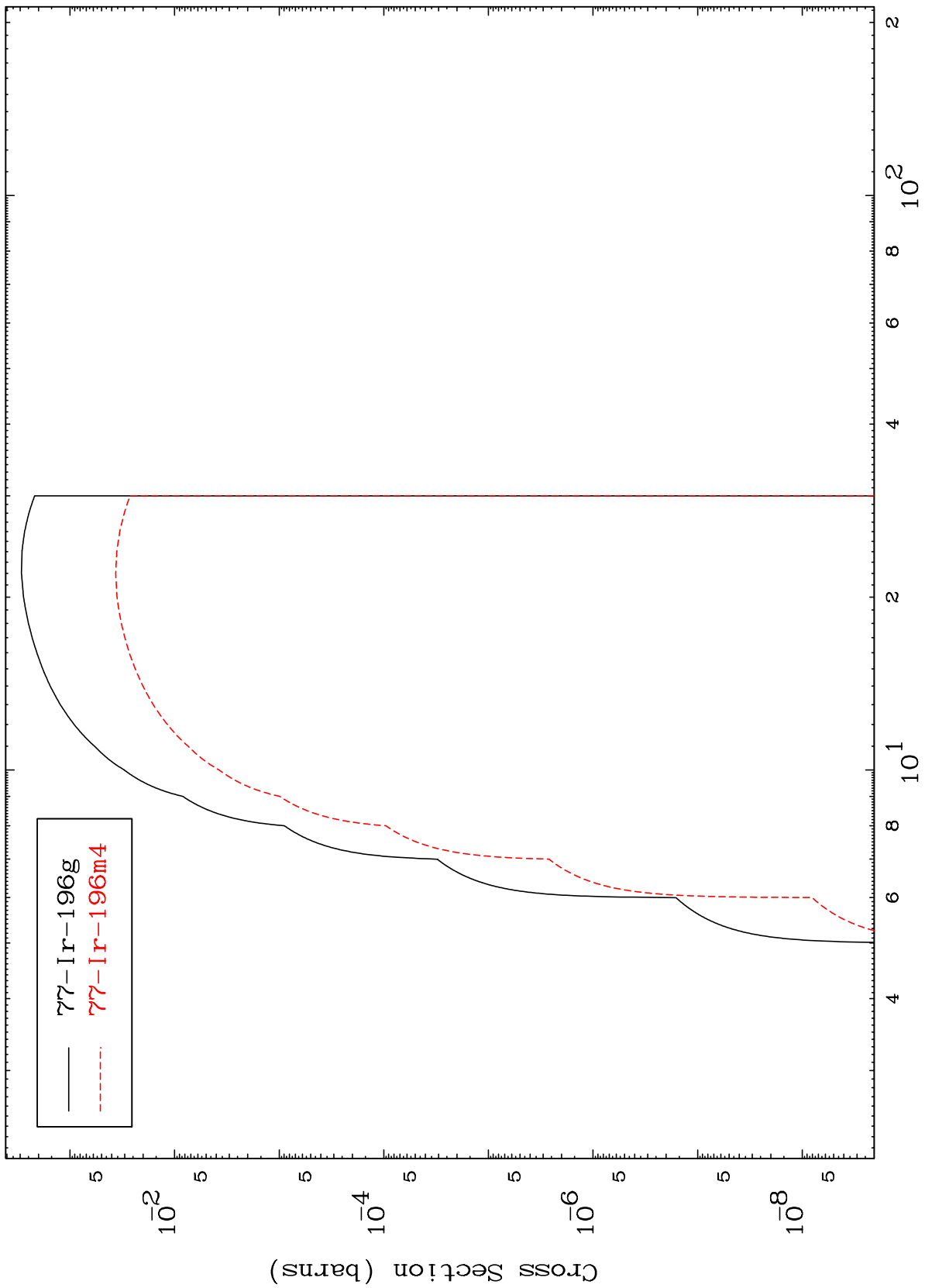
Incident Energy (MeV)

⁷⁷Ir-196

MAT 7740

⁷⁷Ir-196

Radionuclide Production Cross Section



18

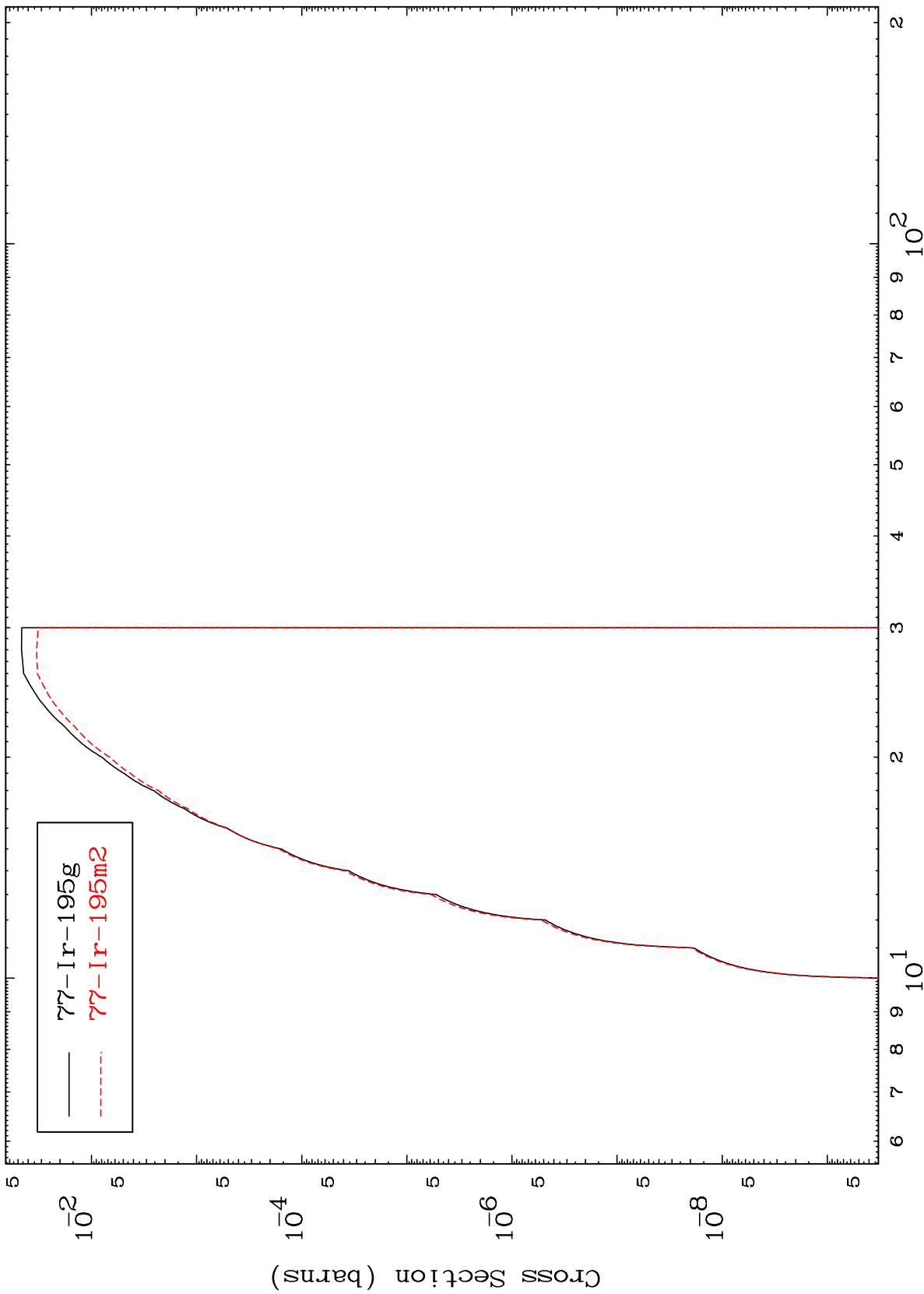
⁷⁷Ir-196

MAT 7740

(n,n') d

77-Ir-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

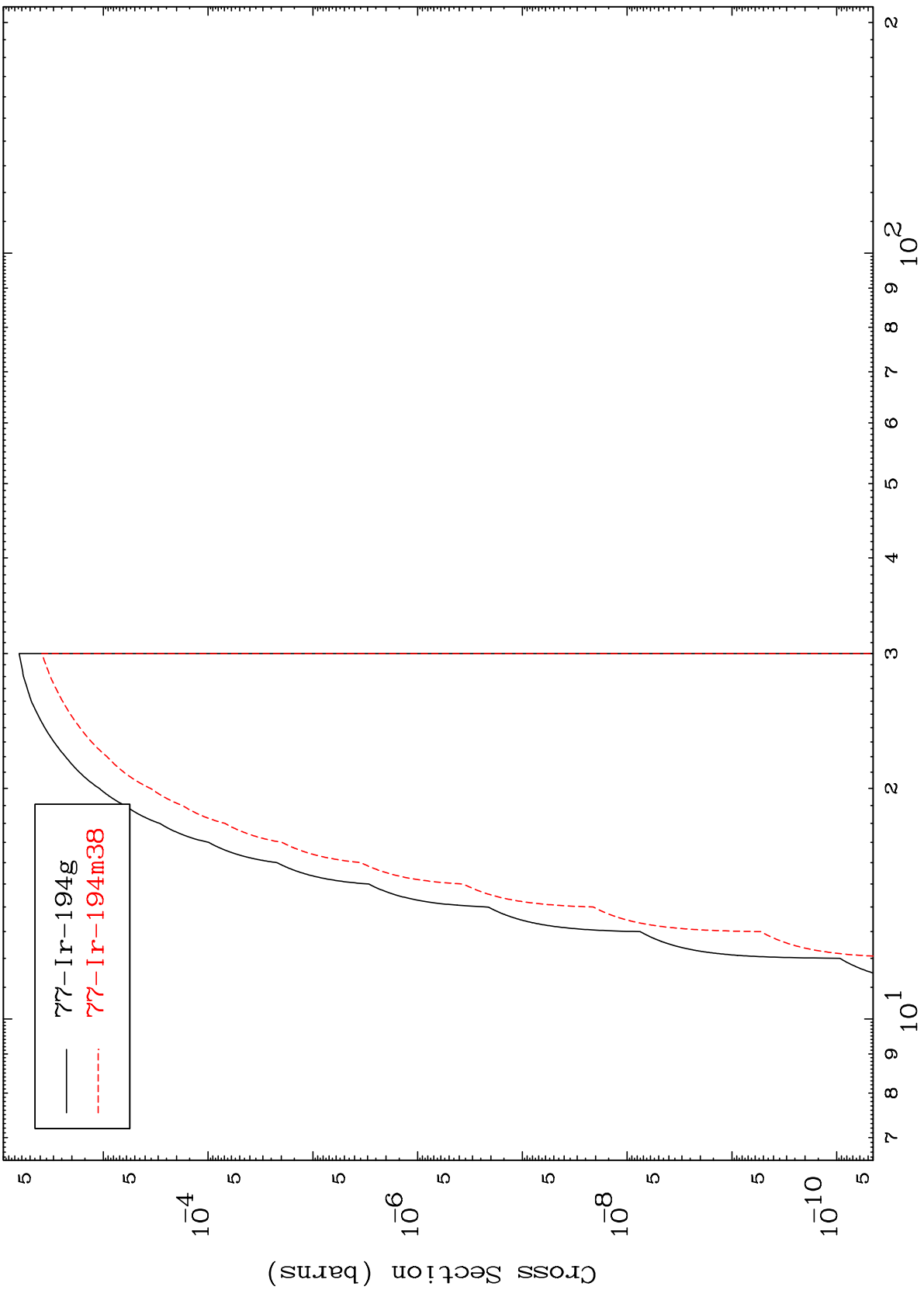
77-Ir-196

MAT 7740

(n,n') t

⁷⁷Ir-196

Radionuclide Production Cross Section



— ⁷⁷Ir-194g
- - - ⁷⁷Ir-194m38

20

Incident Energy (MeV)

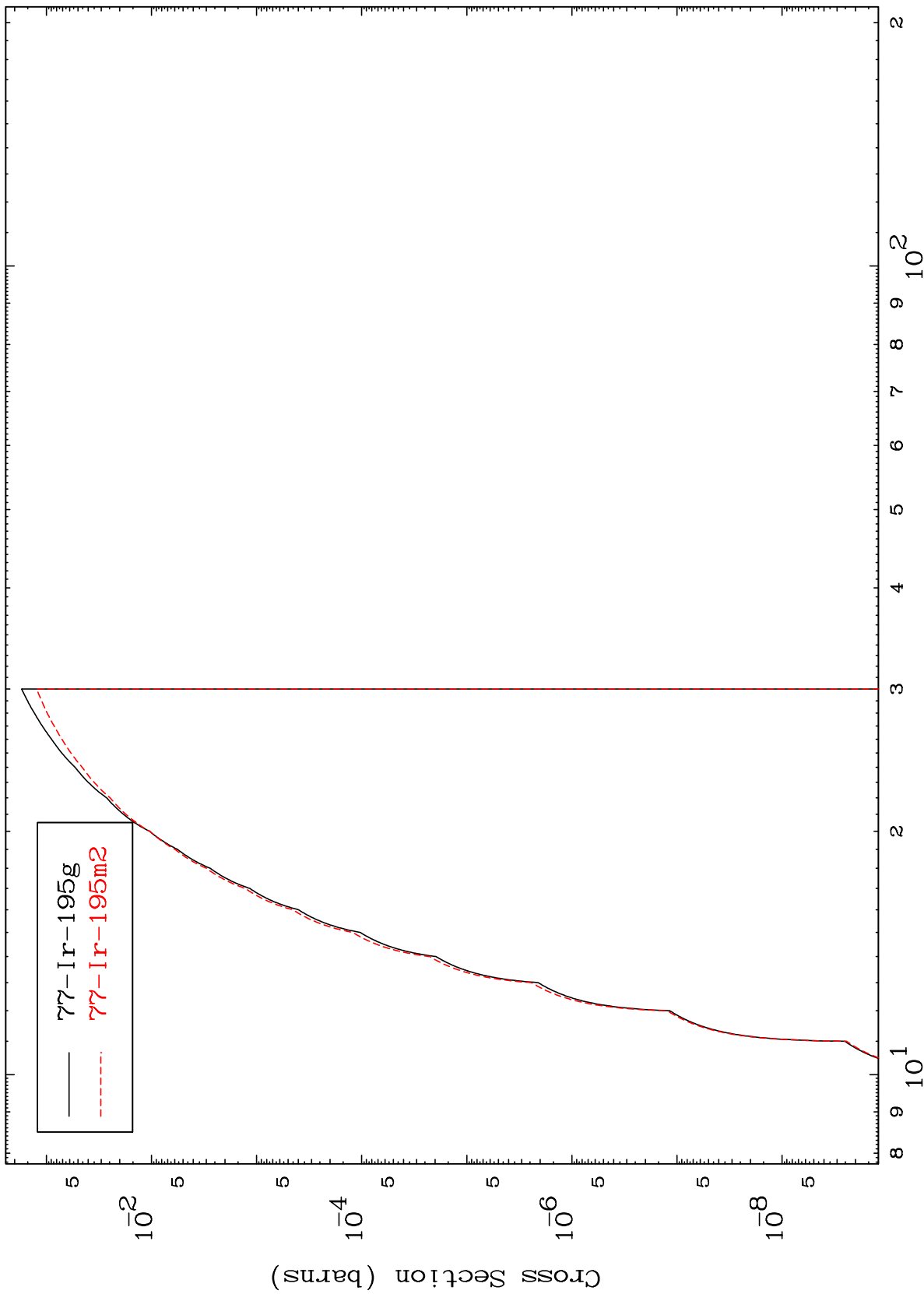
⁷⁷Ir-196

MAT 7740

(n,2n) p

⁷⁷Ir-196

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-196

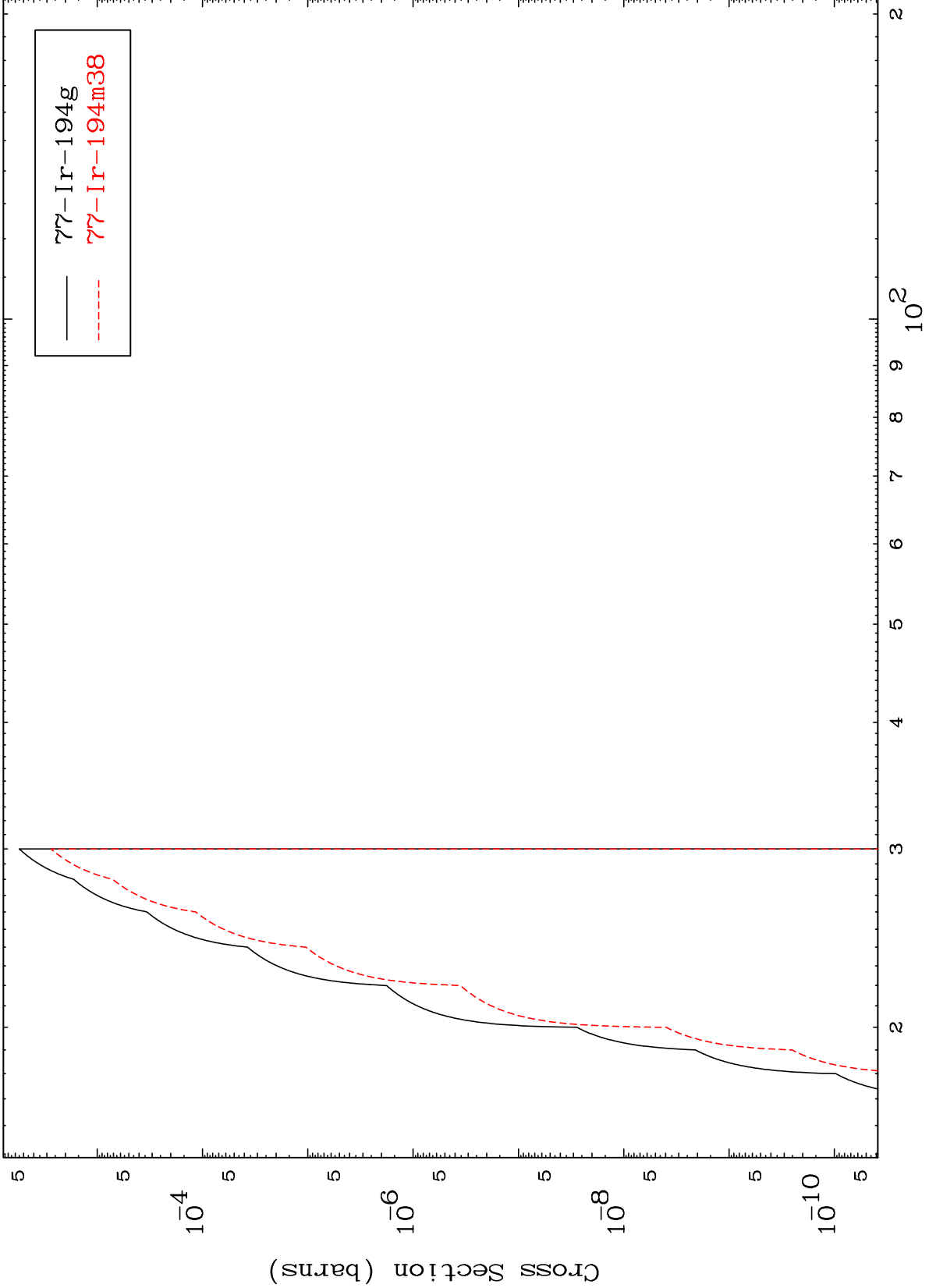
21

MAT 7740

(n,3n) p

⁷⁷Ir-196

Radionuclide Production Cross Section



77-Ir-194g
77-Ir-194m38

22

Incident Energy (MeV)

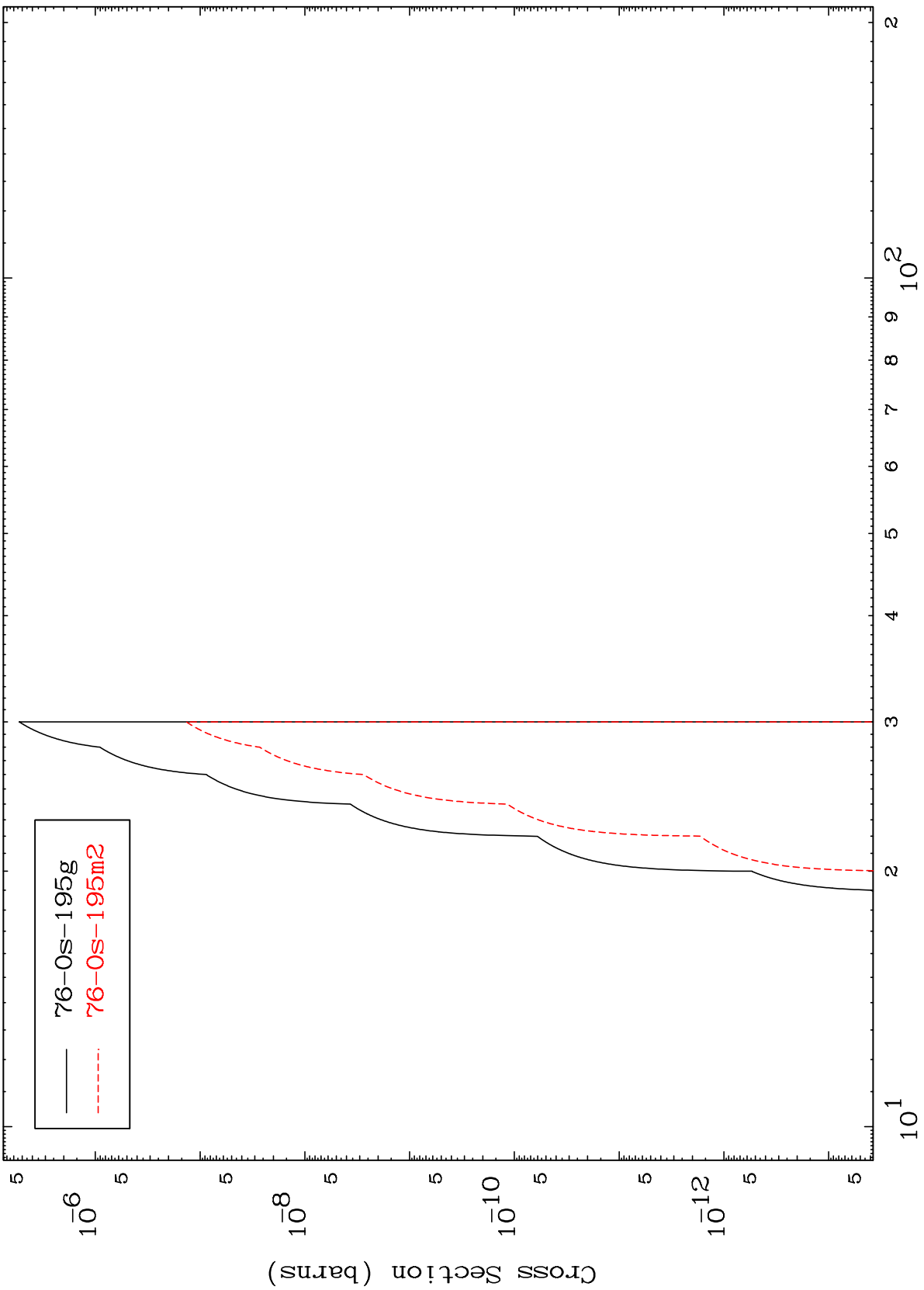
⁷⁷Ir-196

MAT 7740

(n,2n) p

77-Ir-196

Radionuclide Production Cross Section



76-0s-195g
76-0s-195m2

23

Incident Energy (MeV)

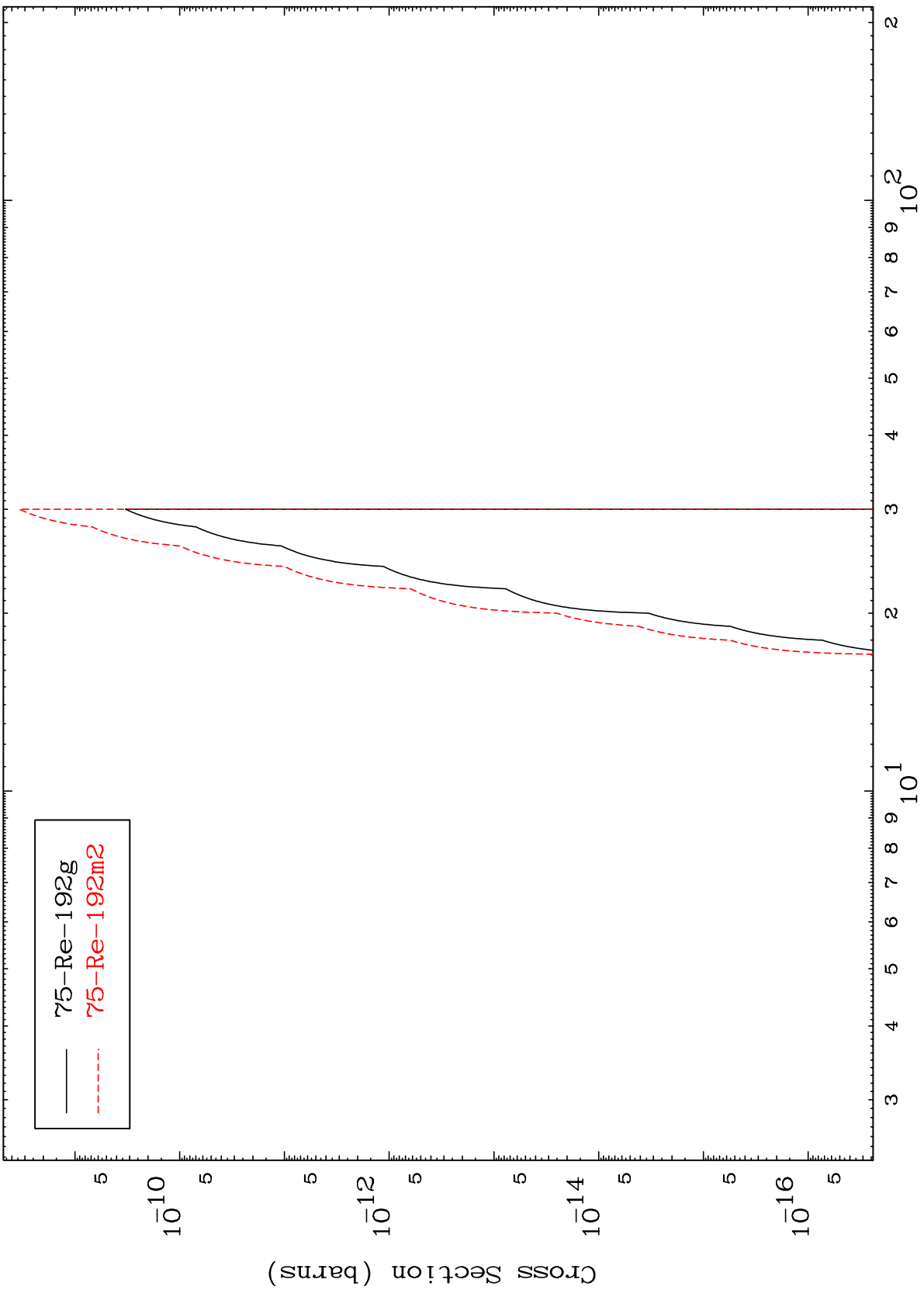
77-Ir-196

MAT 7740

(n,n') p α

77-Ir-196

Radionuclide Production Cross Section

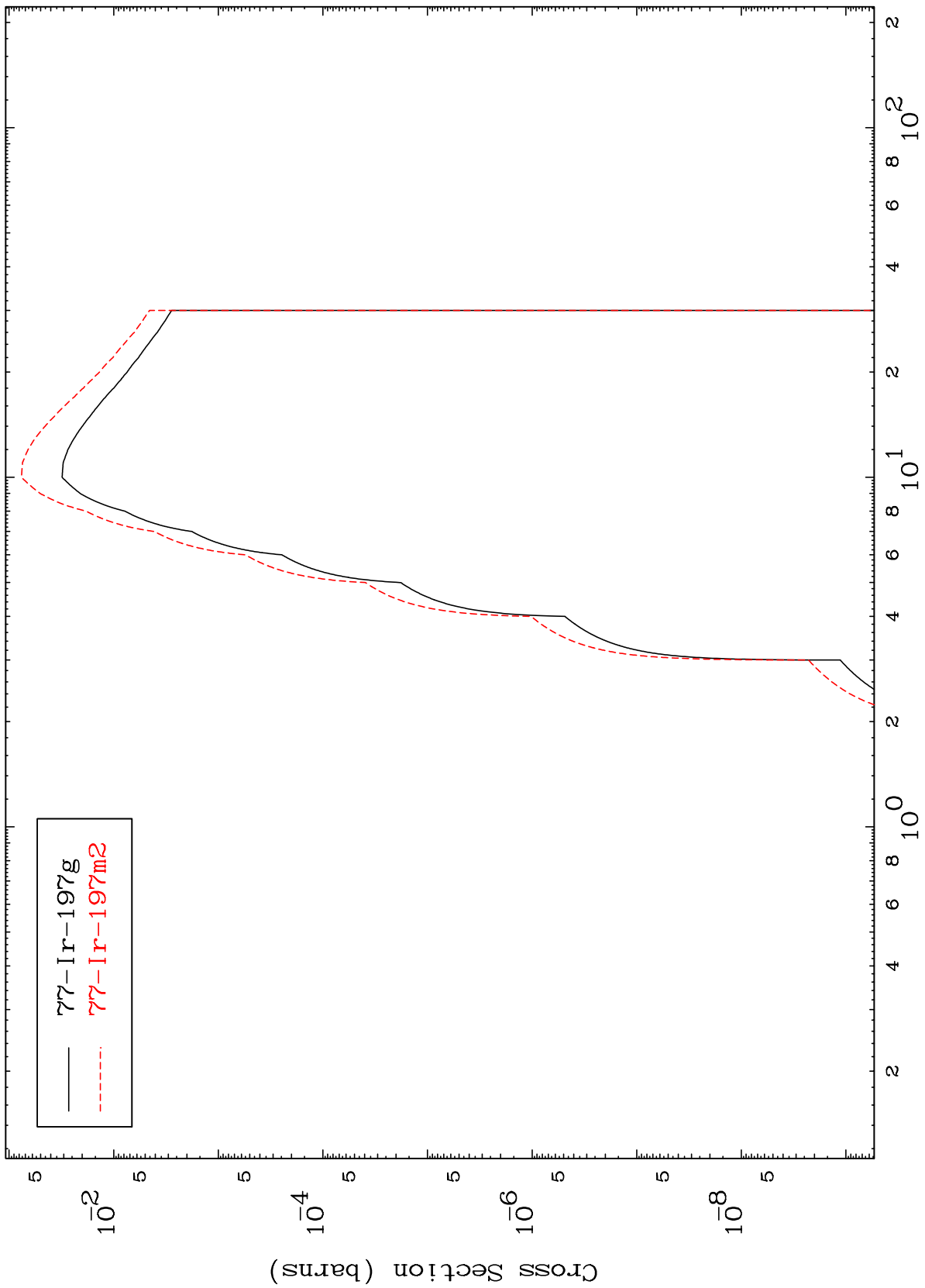


75-Re-192g
75-Re-192m2

MAT 7740

77-Ir-196

(n,p)
Radionuclide Production Cross Section



— 77-Ir-197g
- - - 77-Ir-197m2

77-Ir-196

Incident Energy (MeV)

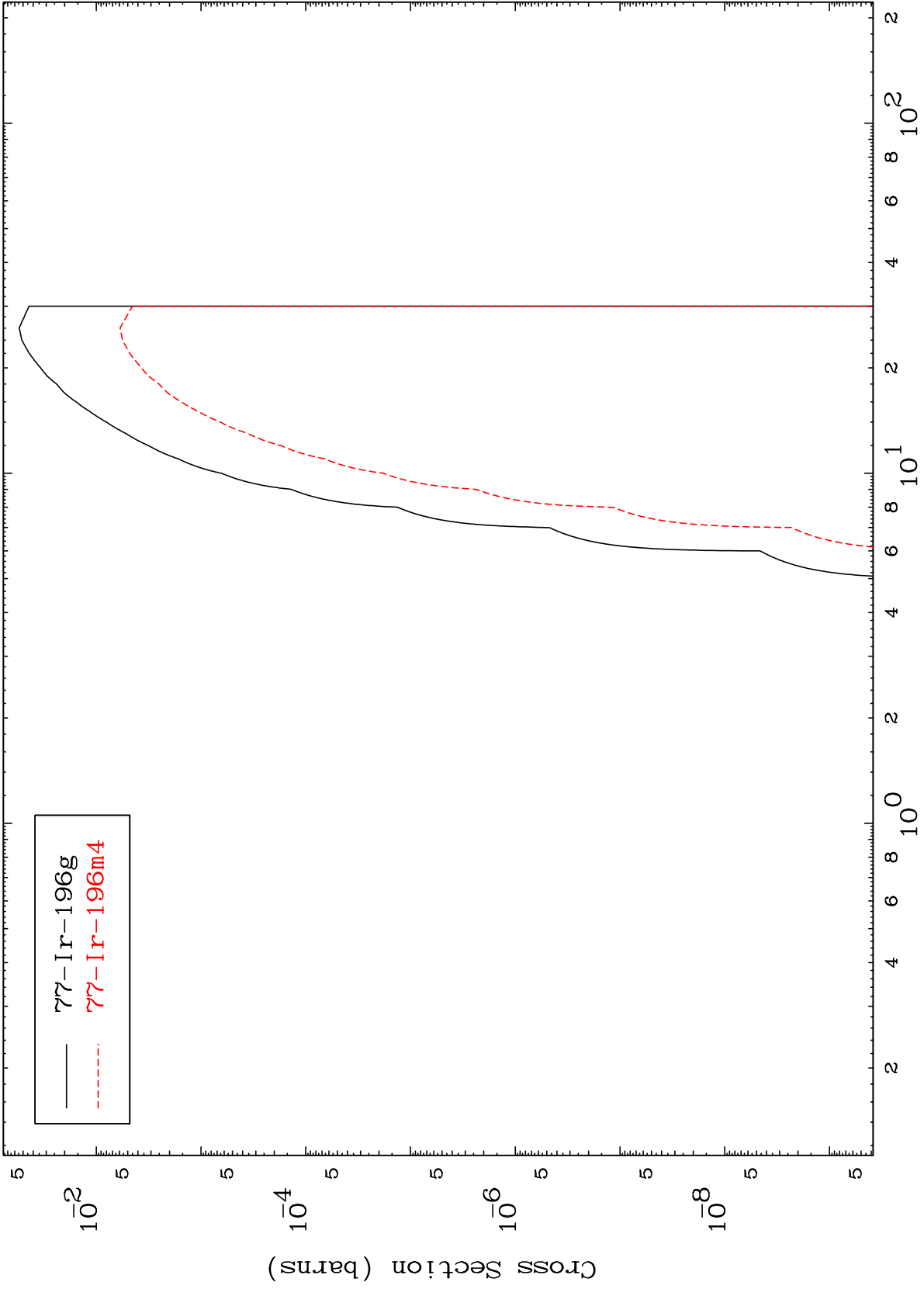
25

MAT 7740

(n,d)

⁷⁷Ir-196

Radionuclide Production Cross Section



26

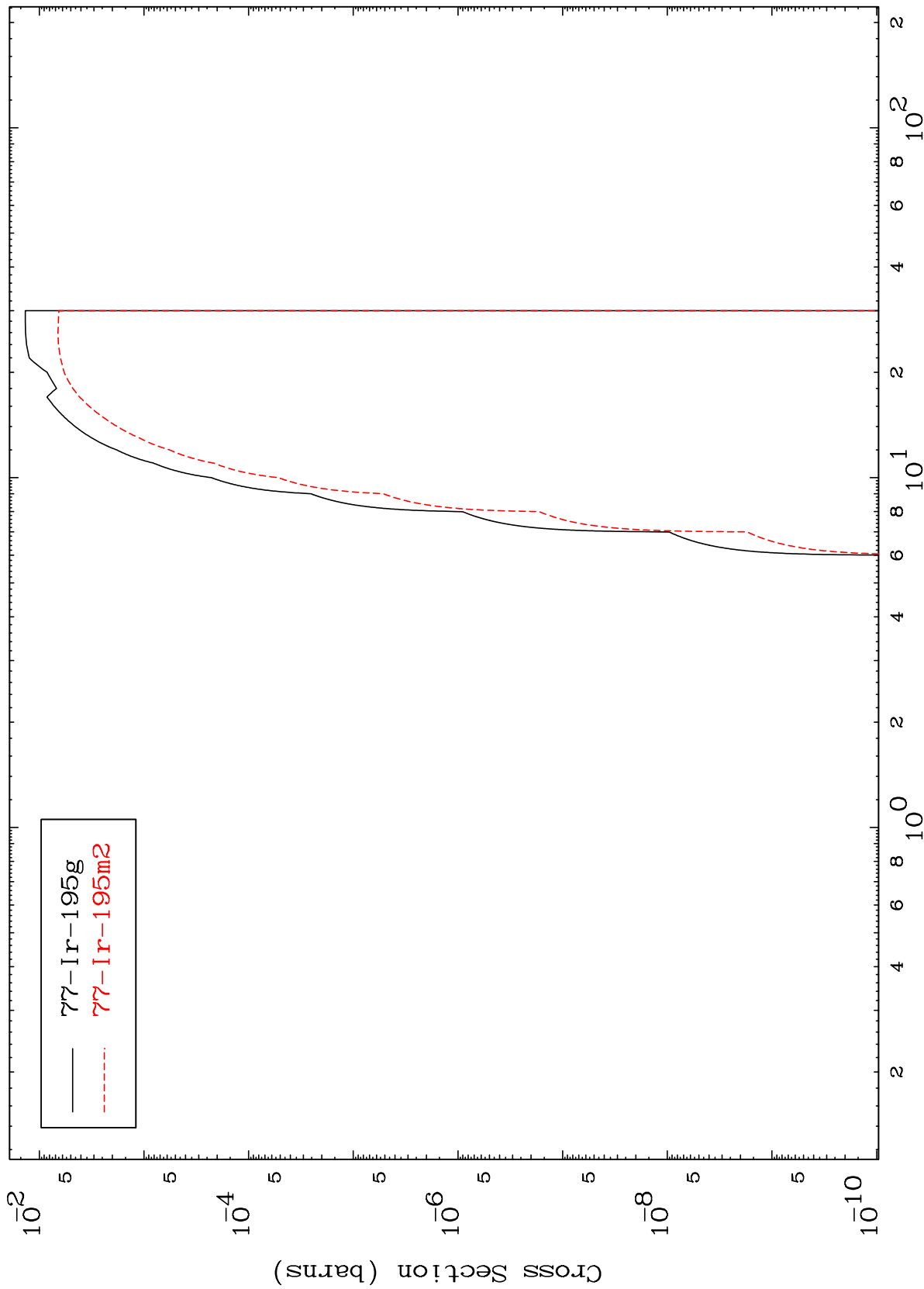
Incident Energy (MeV)

⁷⁷Ir-196

MAT 7740

⁷⁷Ir-196

(n, t)
Radionuclide Production Cross Section



⁷⁷Ir-196

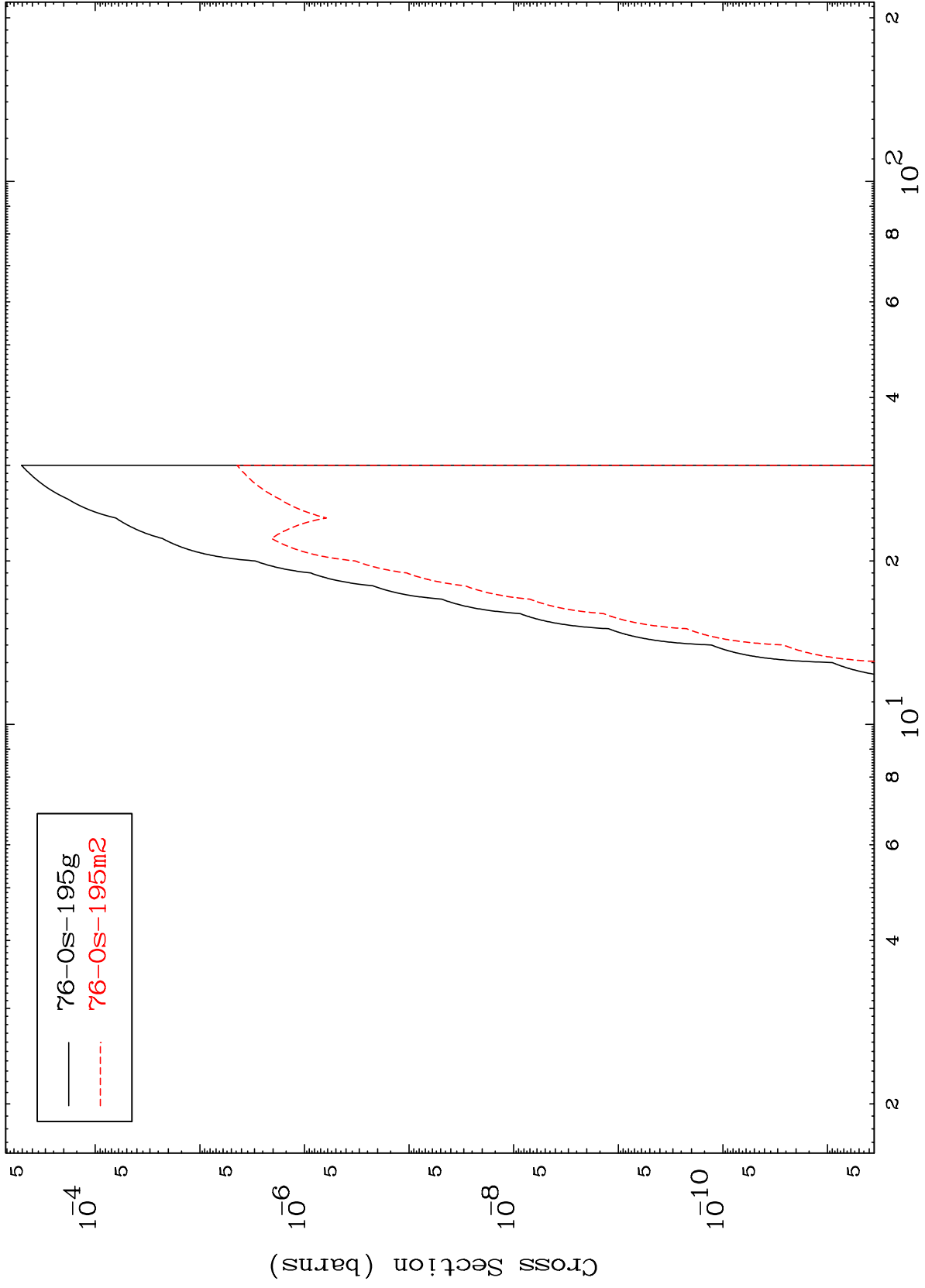
Incident Energy (MeV)

MAT 7740

(n,He-3)

⁷⁷Ir-196

Radionuclide Production Cross Section



— 76-Os-195g
- - - 76-Os-195m2

28

Incident Energy (MeV)

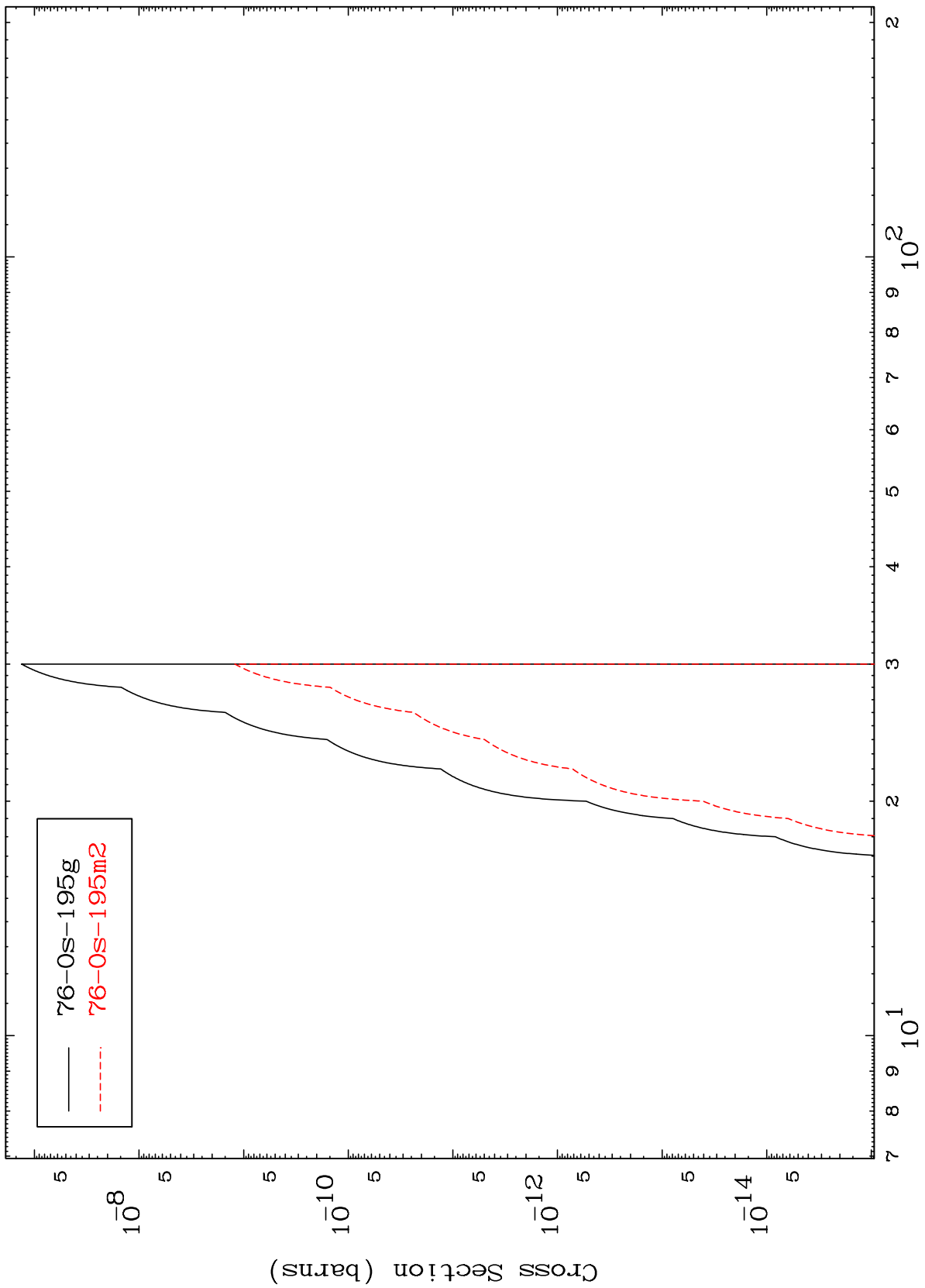
⁷⁷Ir-196

MAT 7740

(n,p) d

77-Ir-196

Radionuclide Production Cross Section



29

Incident Energy (MeV)

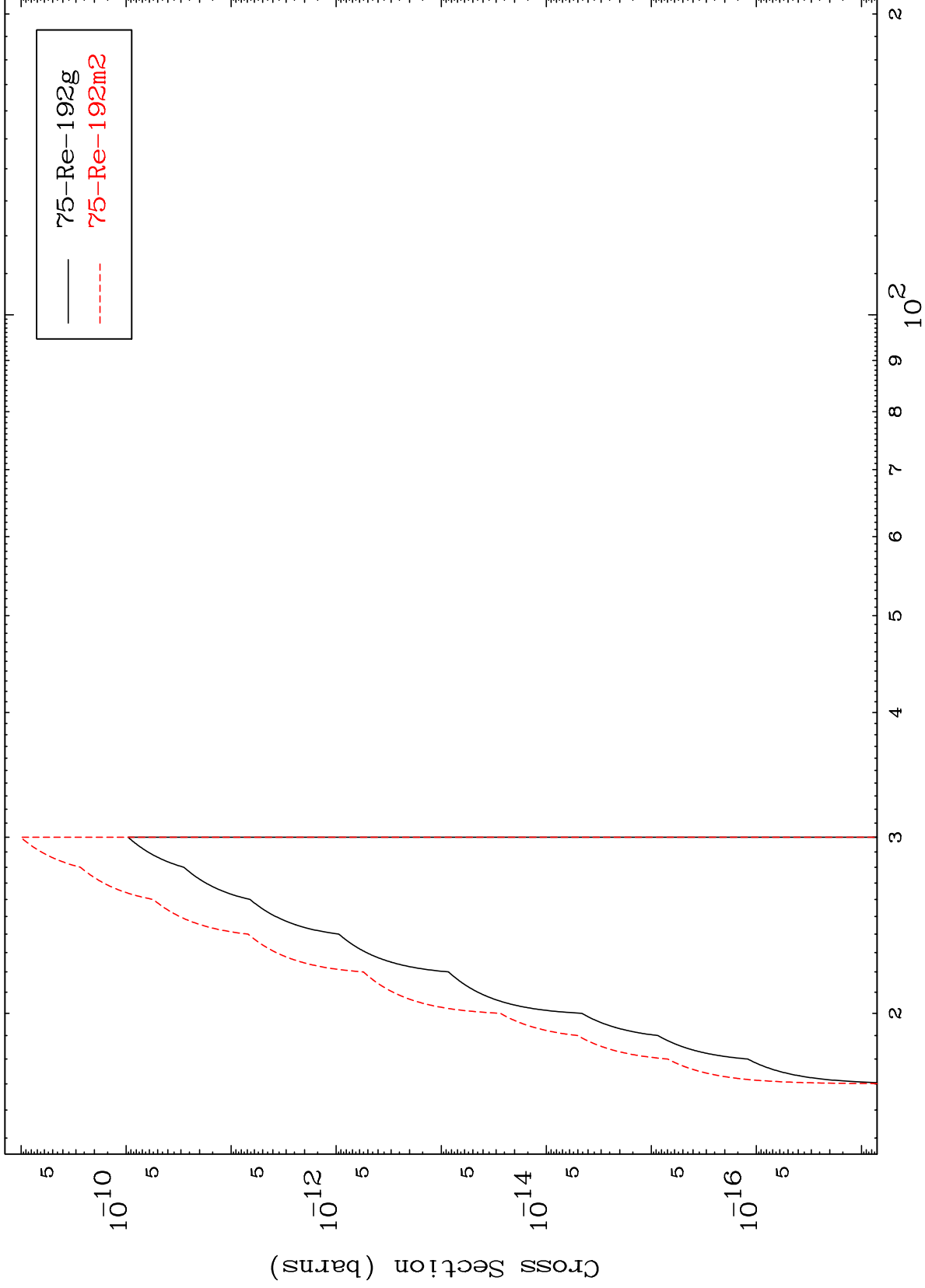
77-Ir-196

MAT 7740

(n,d) α

⁷⁷Ir-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

⁷⁷Ir-196