

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

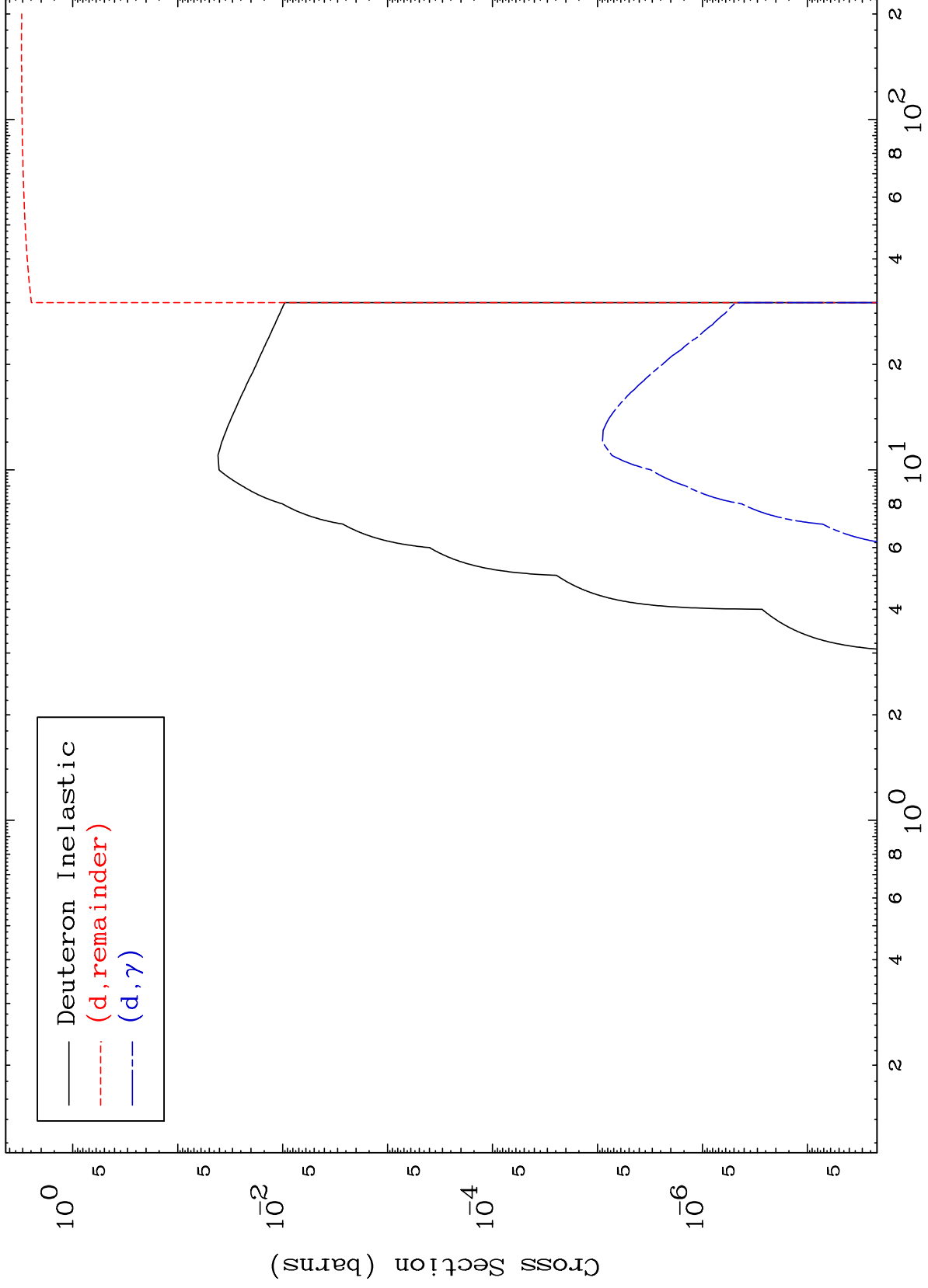
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

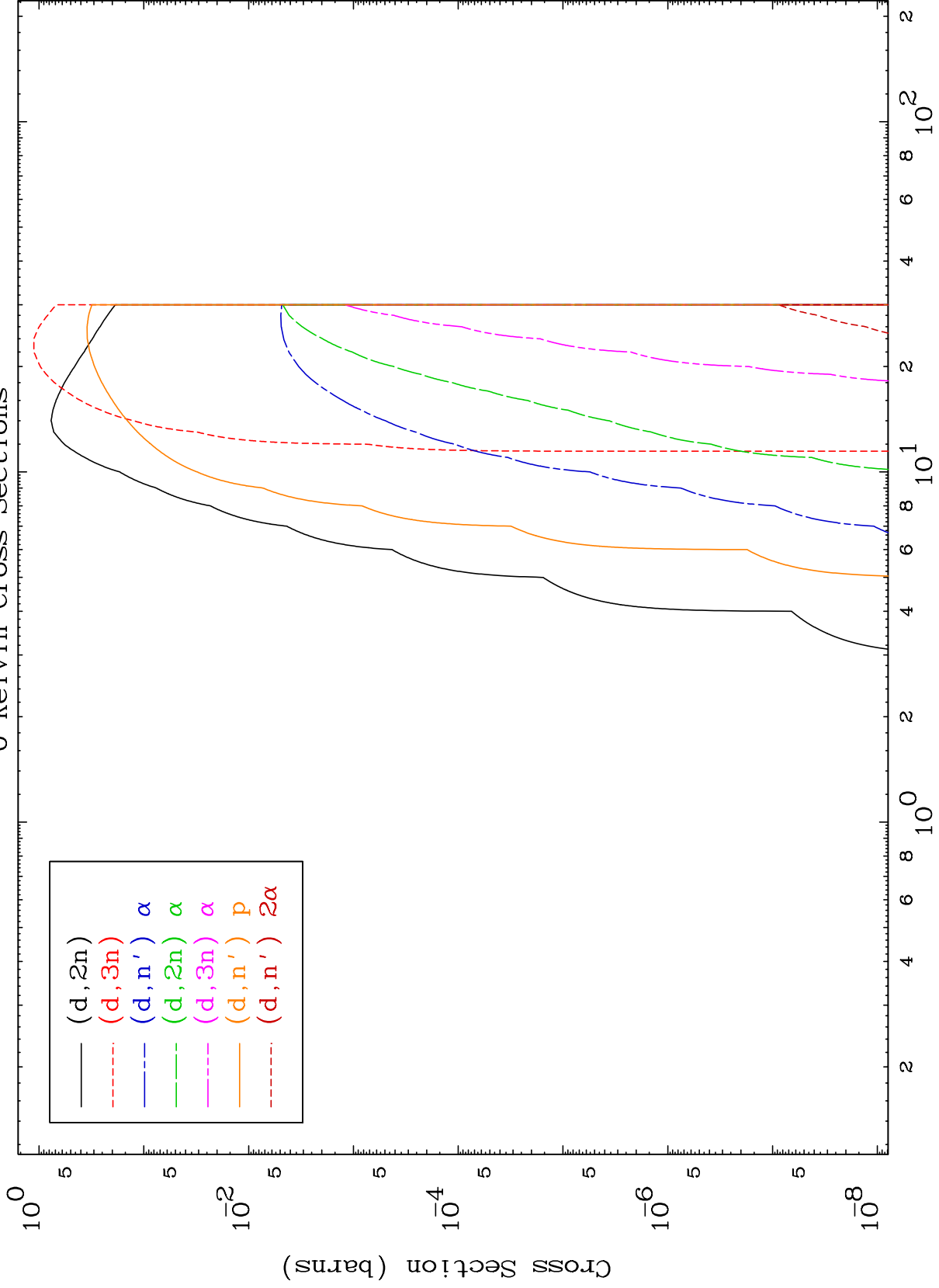
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

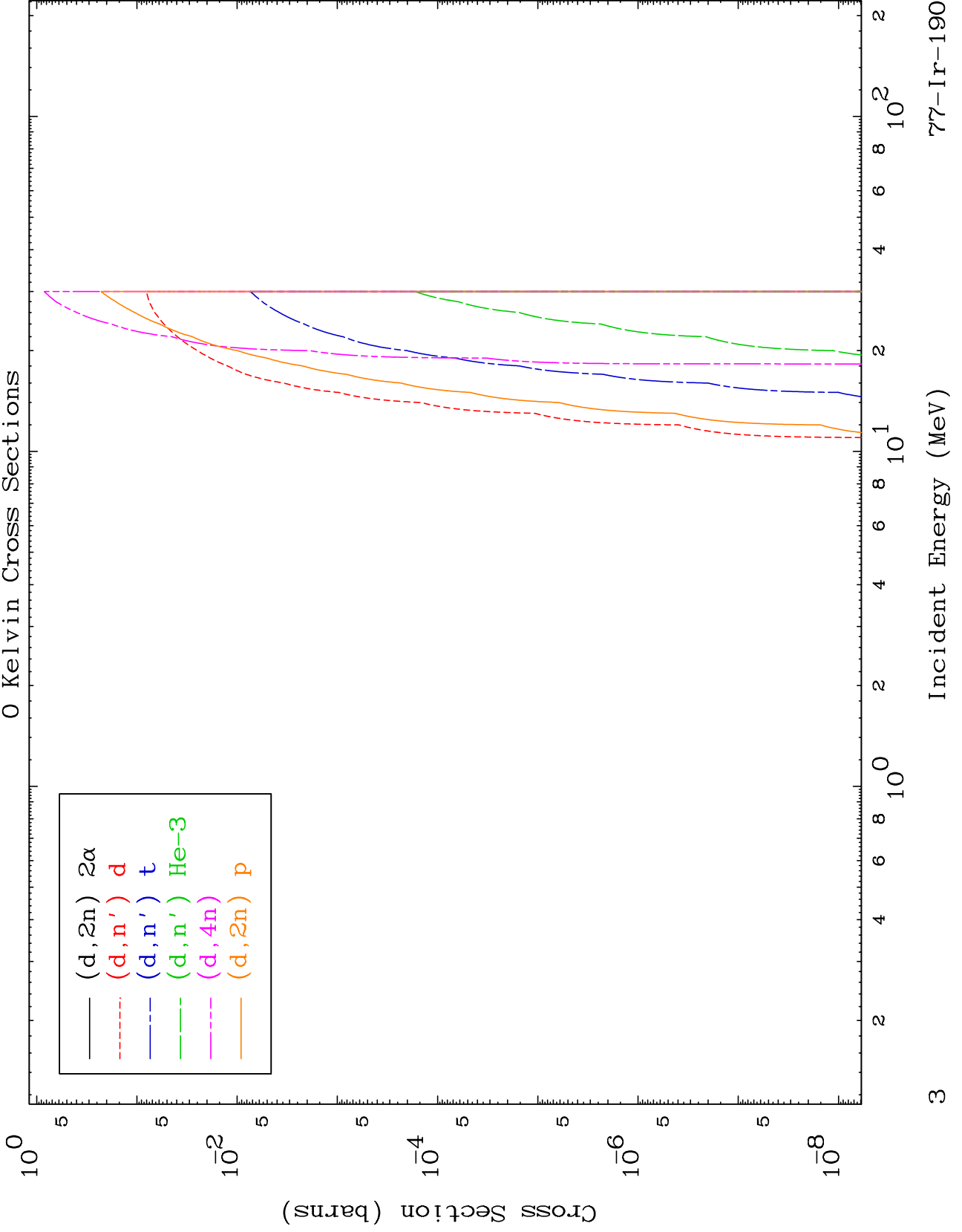




MAT 7723

Deuteron Neutron Production
0 Kelvin Cross Sections

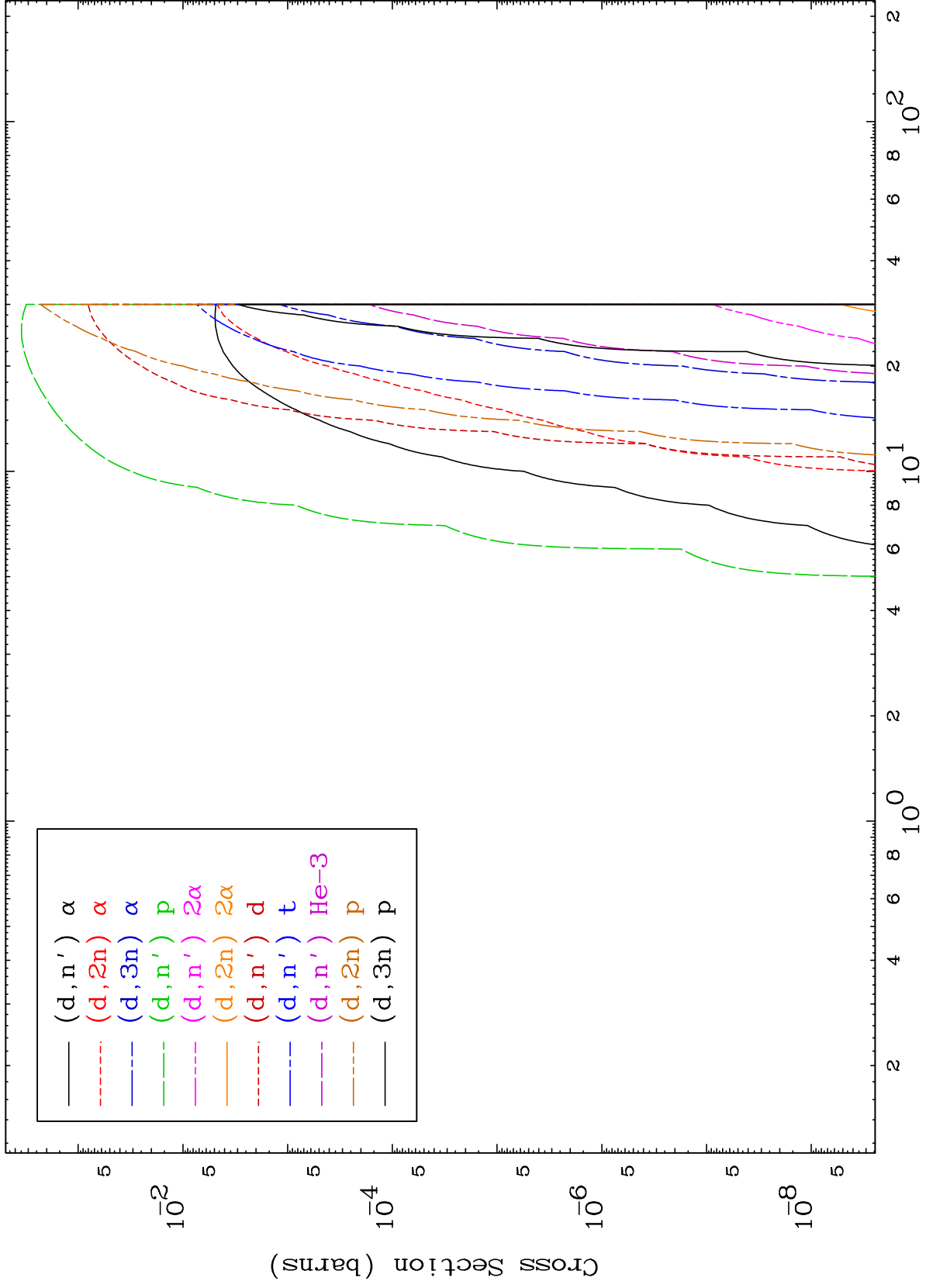
77-Ir-190

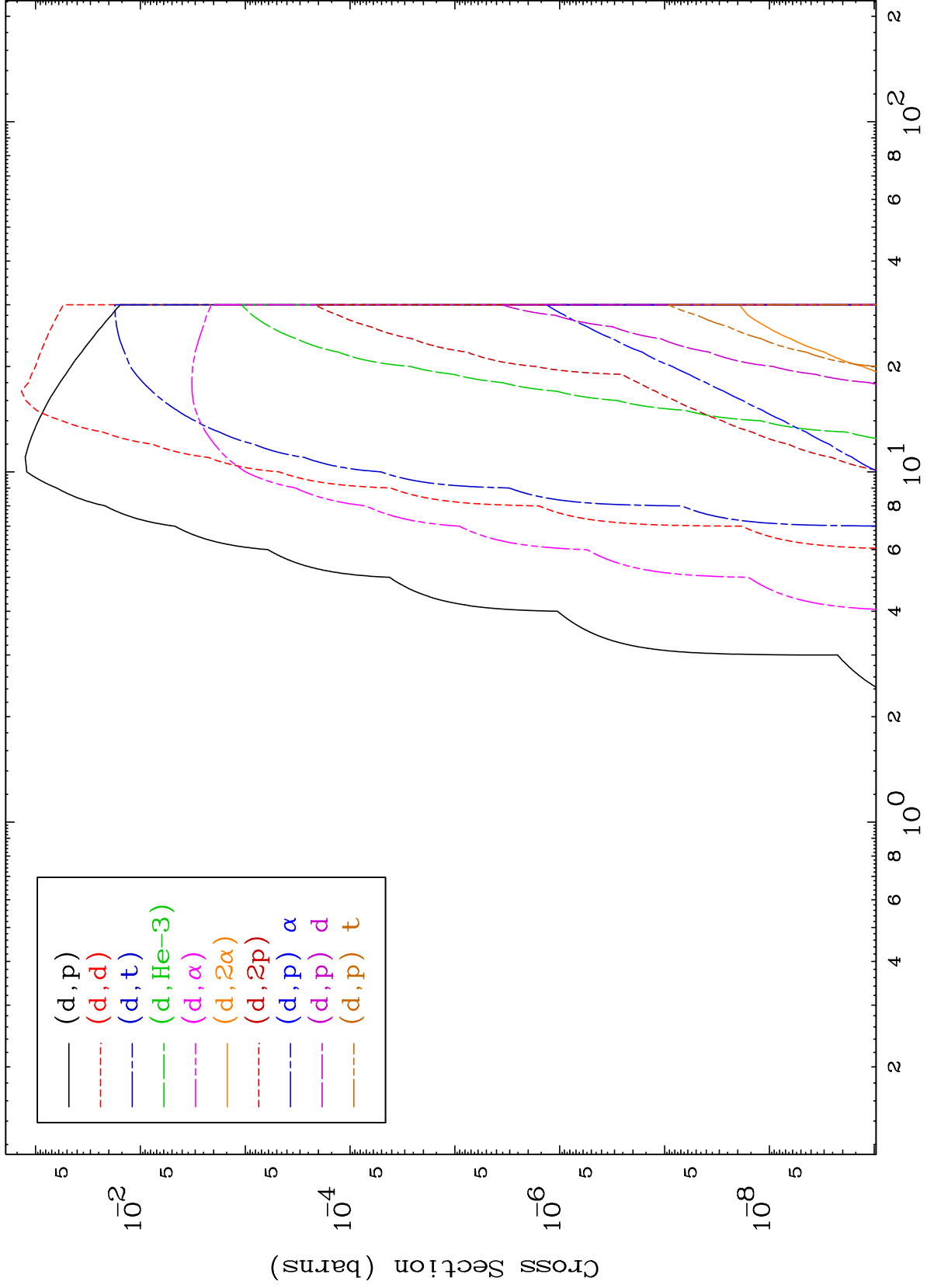


MAT 7723

Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-190



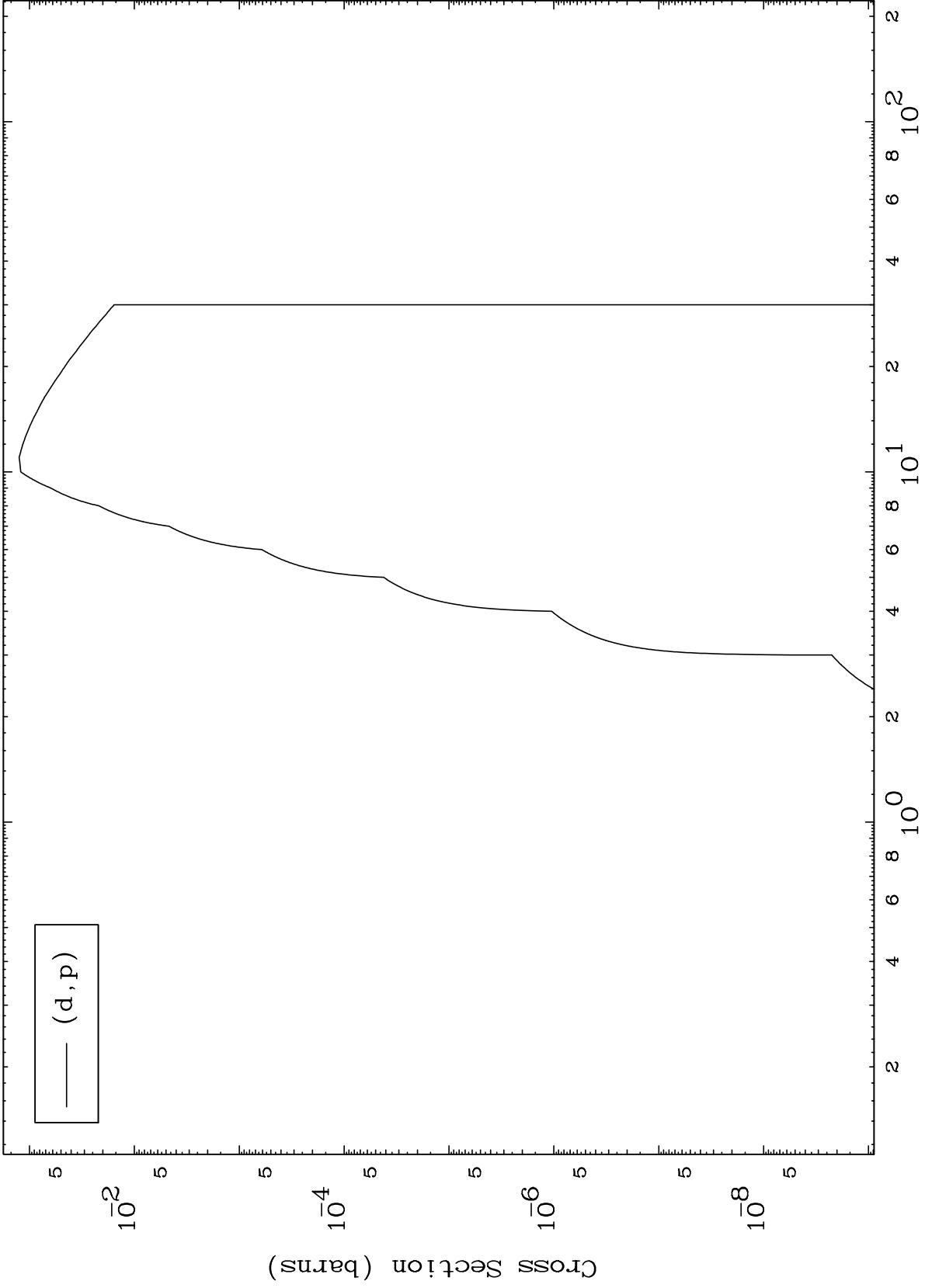


MAT 7723

(d,p) Levels

77-Ir-190

0 Kelvin Cross Sections

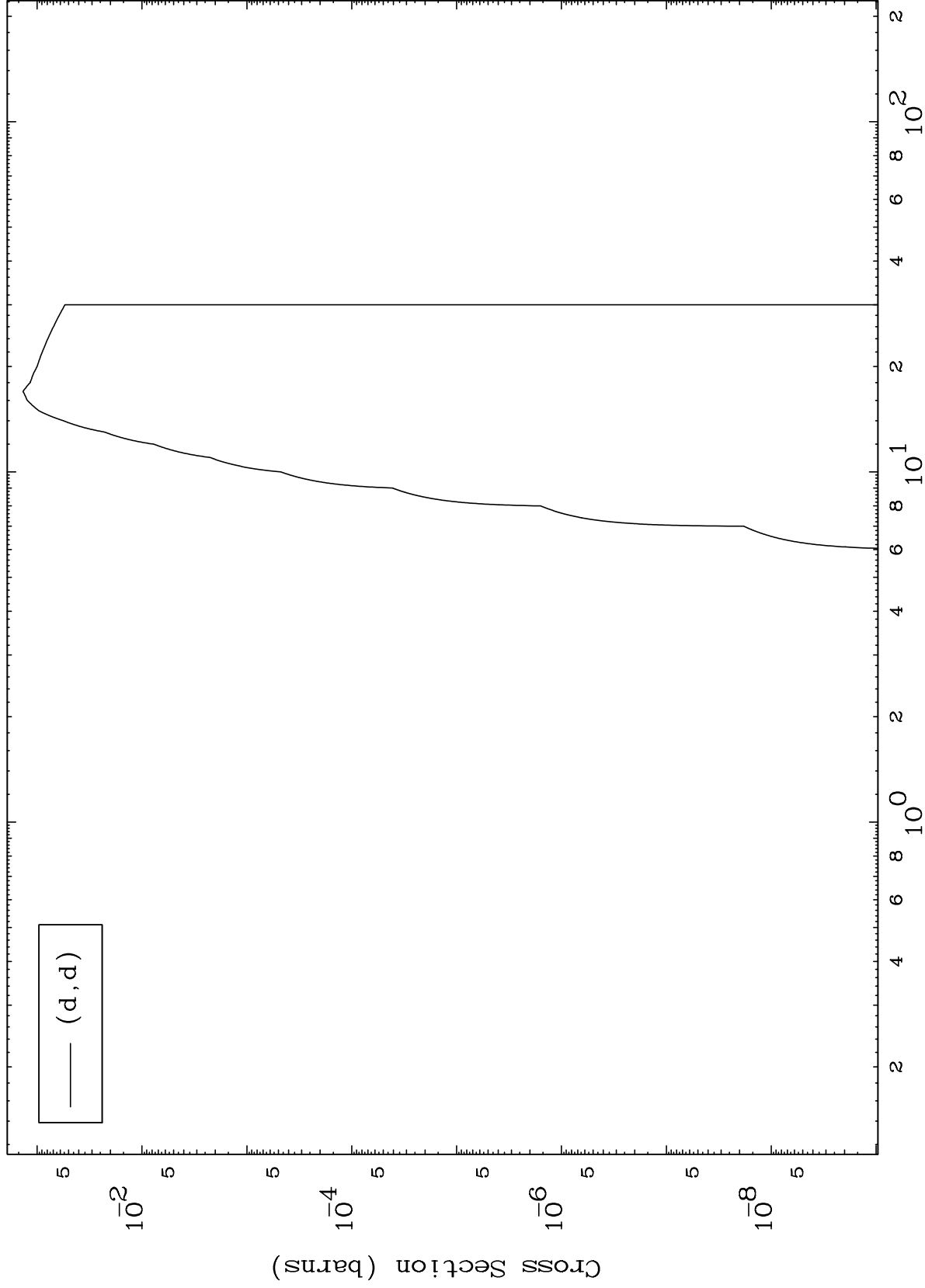


MAT 7723

(d,d) Levels

⁷⁷Ir-190

0 Kelvin Cross Sections

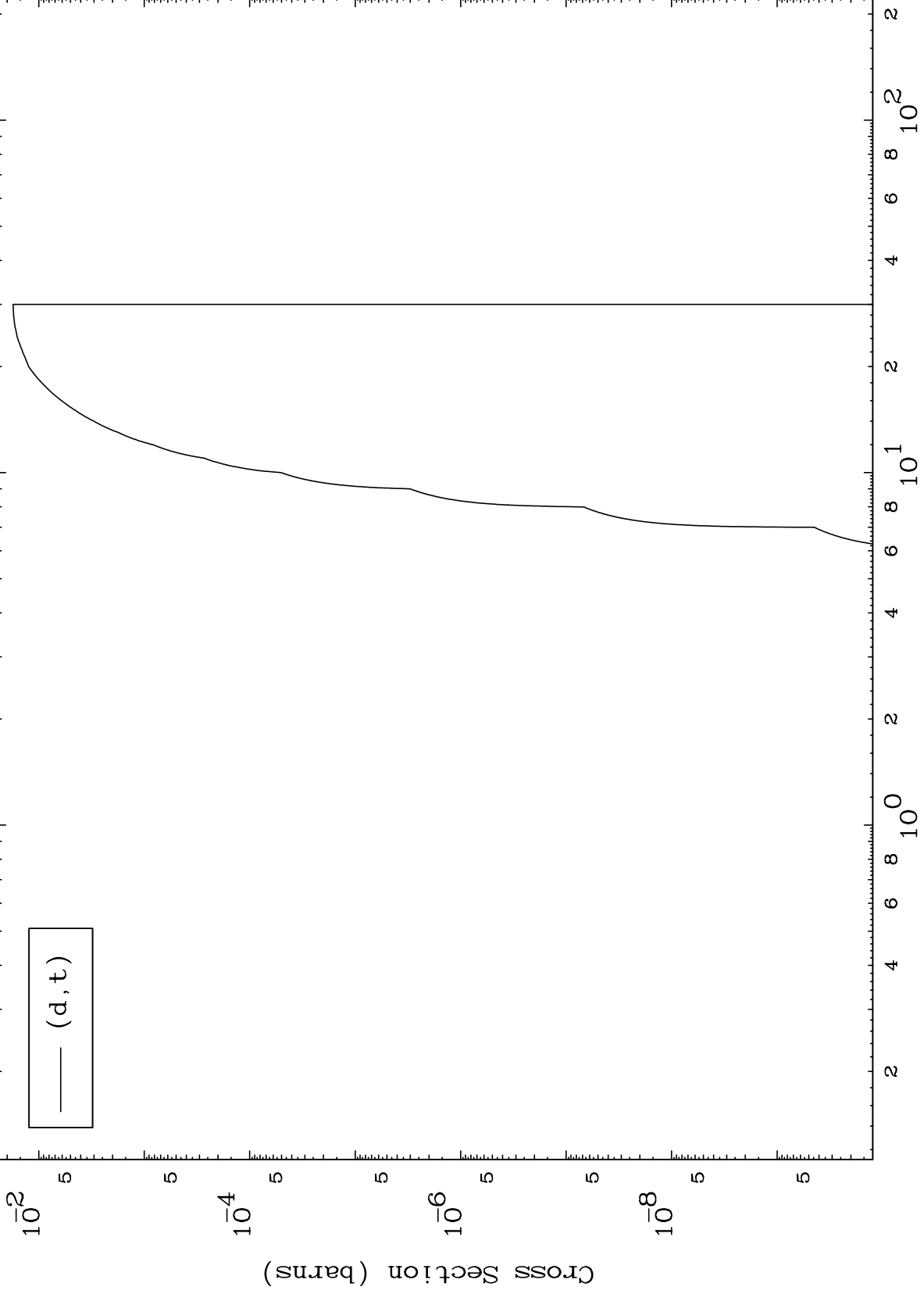


MAT 7723

(d,t) Levels

⁷⁷Ir-190

0 Kelvin Cross Sections

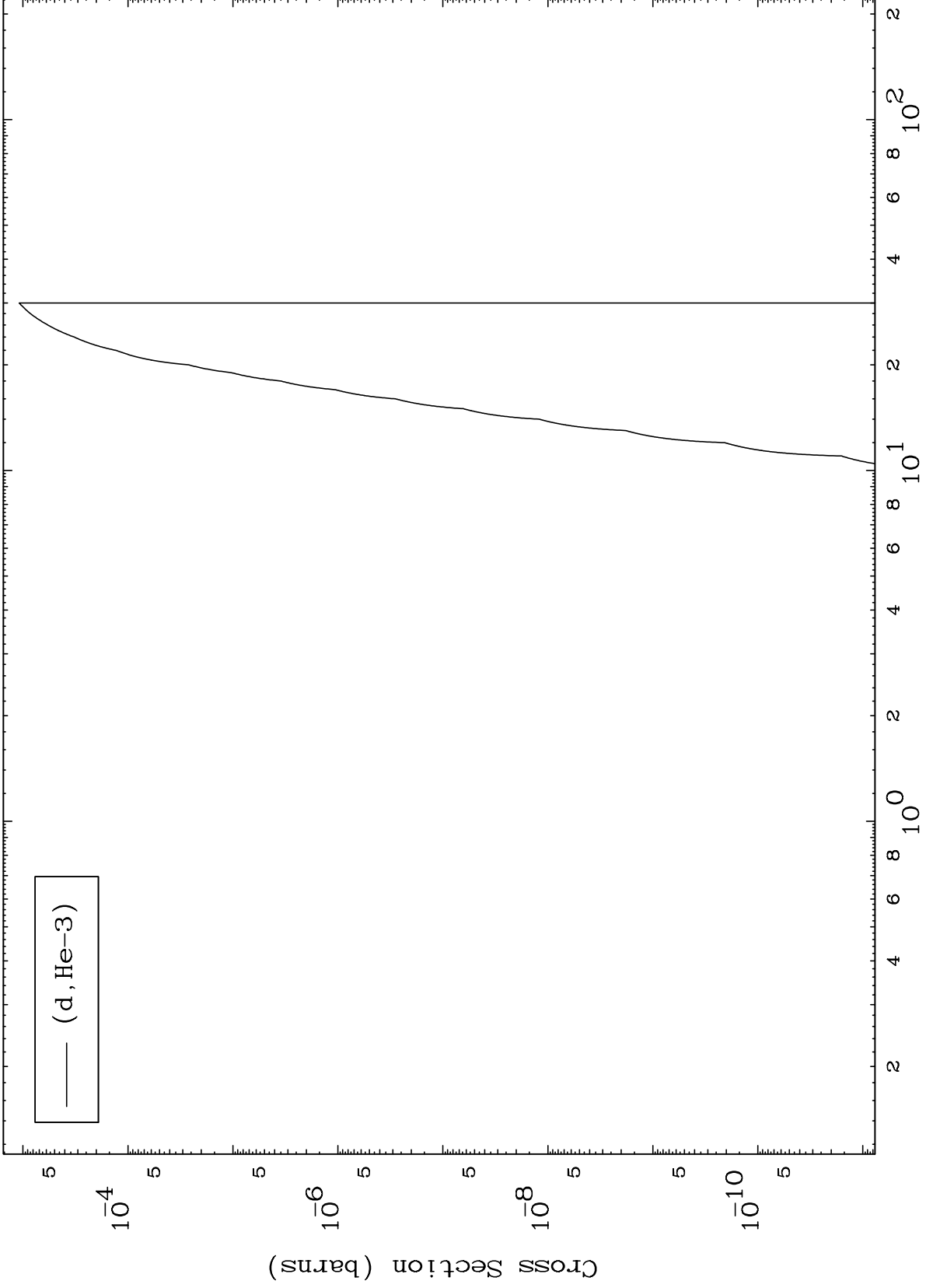


MAT 7723

(d,He3) Levels

77-Ir-190

0 Kelvin Cross Sections



10

Incident Energy (MeV)

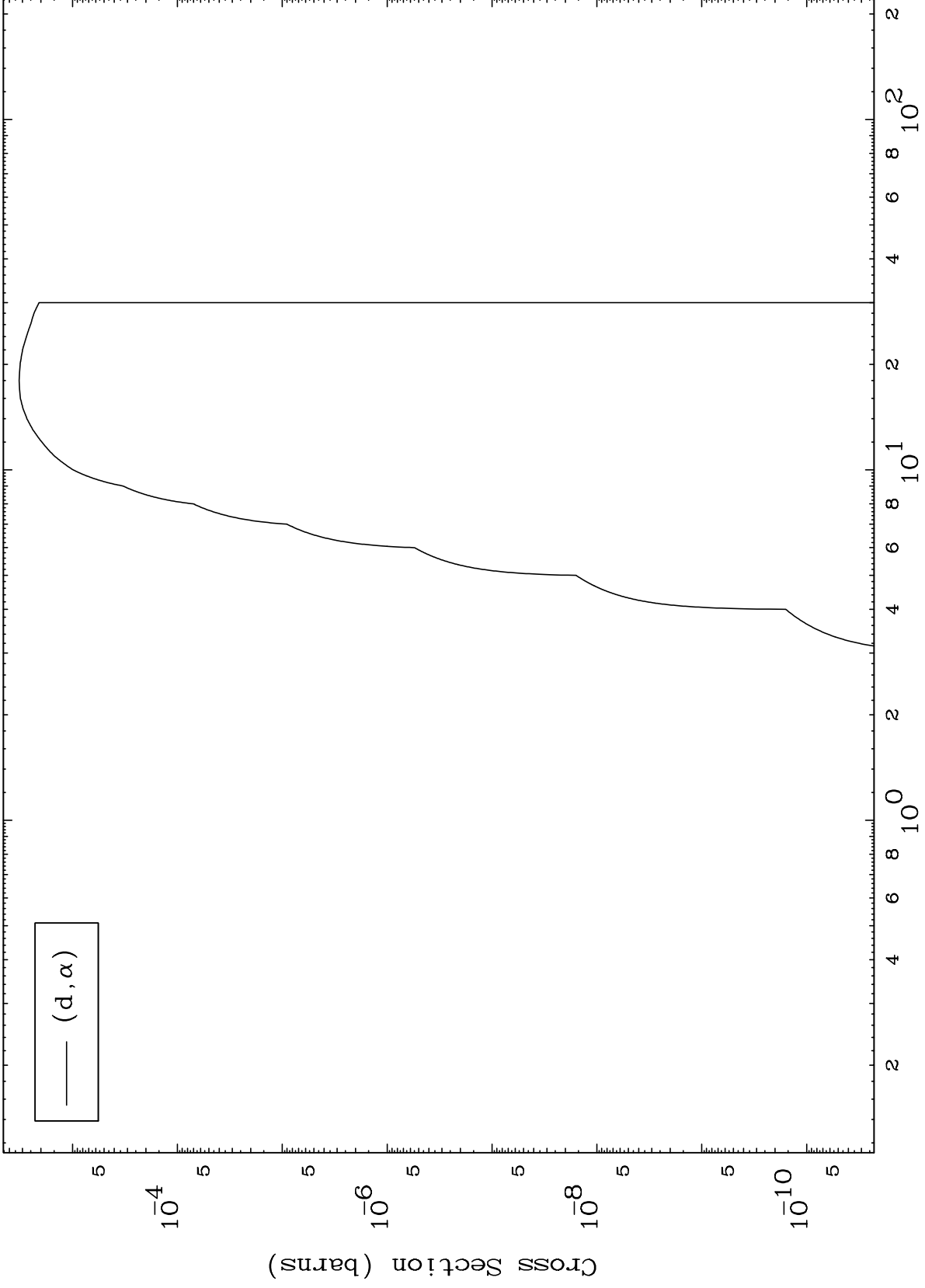
77-Ir-190

MAT 7723

(d, α) Levels

⁷⁷Ir-190

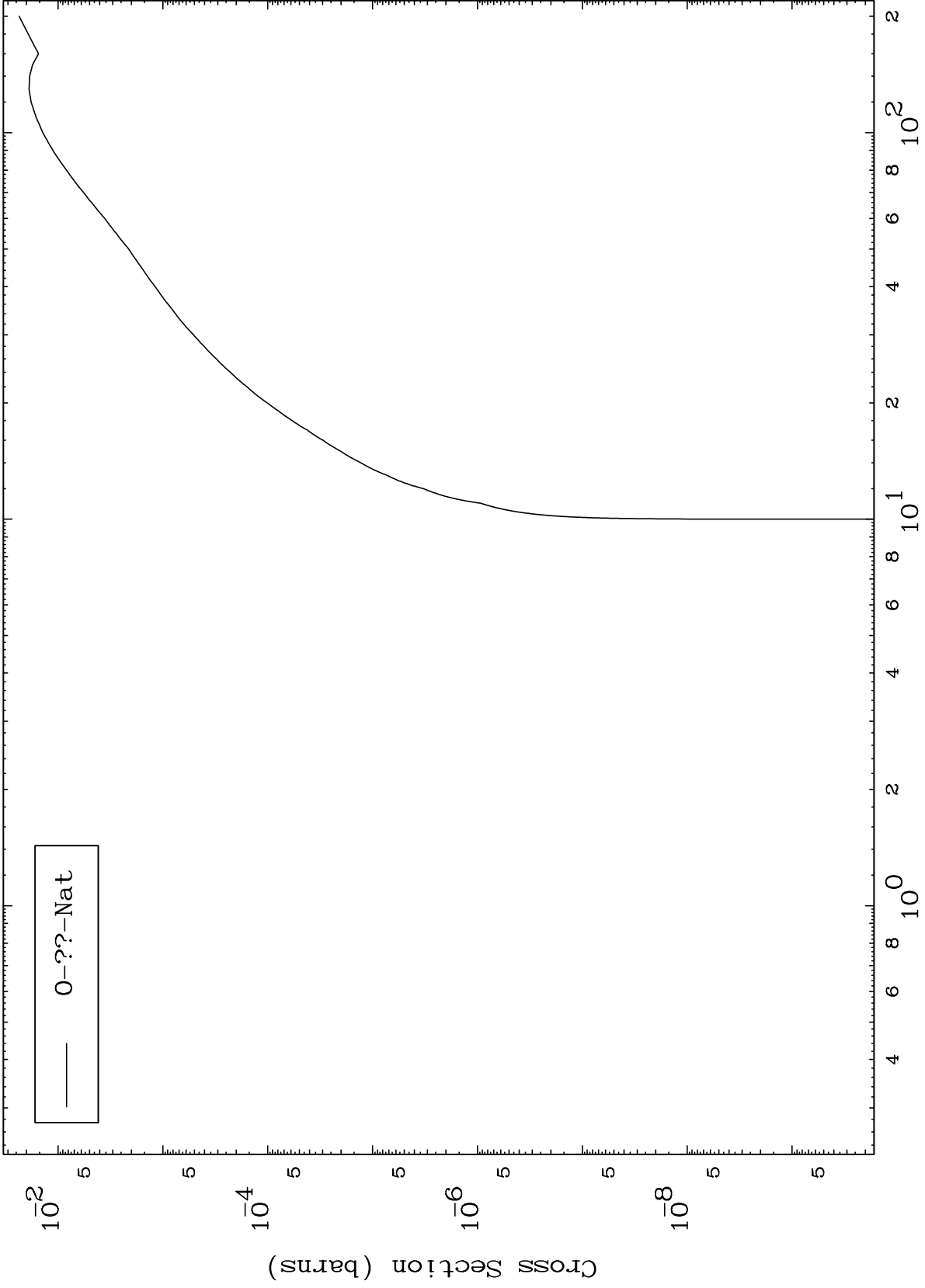
0 Kelvin Cross Sections



MAT 7723

Deuteron Fission
Radionuclide Production Cross Section

⁷⁷Ir-190



12

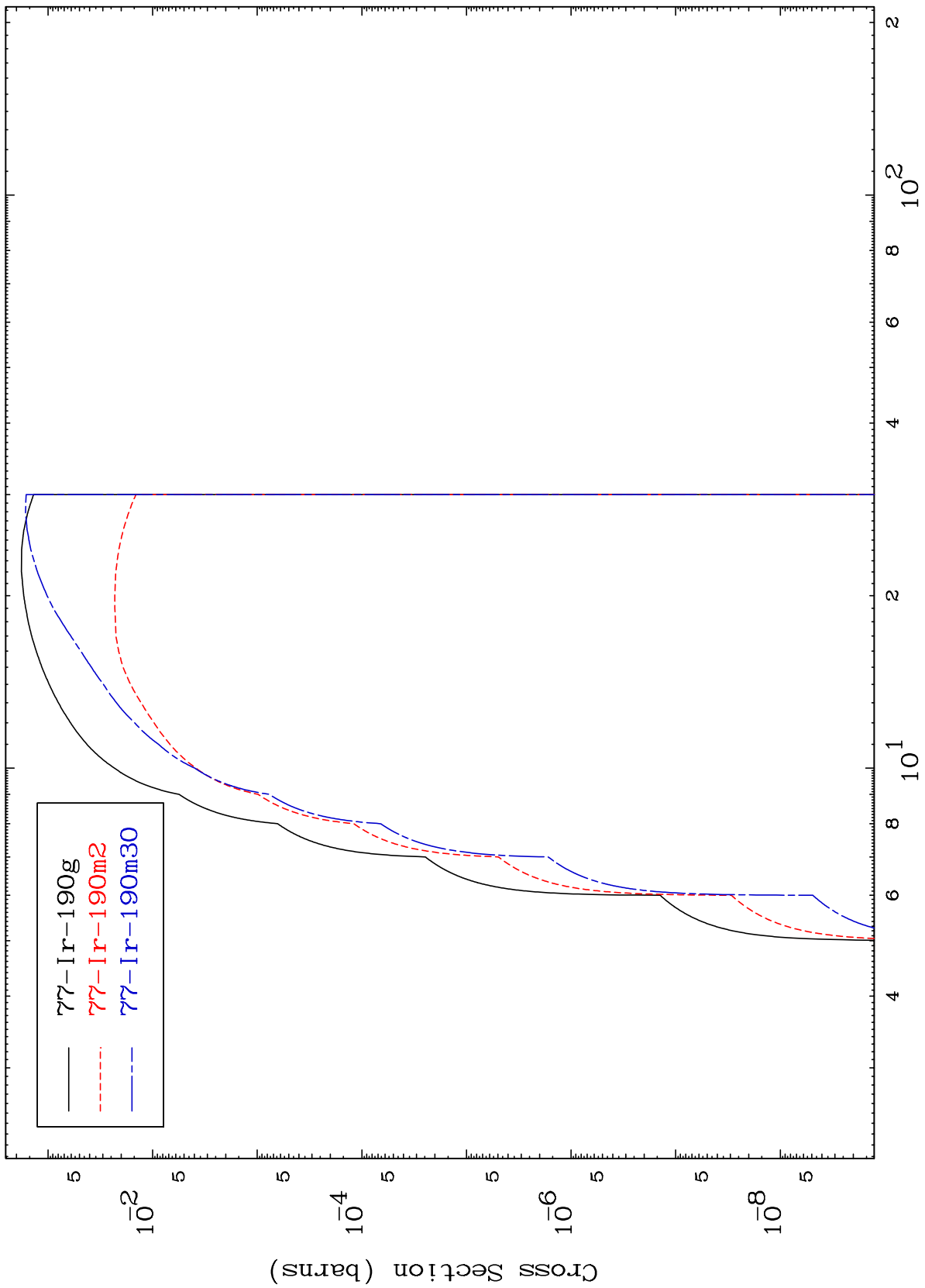
Incident Energy (MeV)

⁷⁷Ir-190

MAT 7723

⁷⁷Ir-190

(d,n') p
Radionuclide Production Cross Section



13

⁷⁷Ir-190

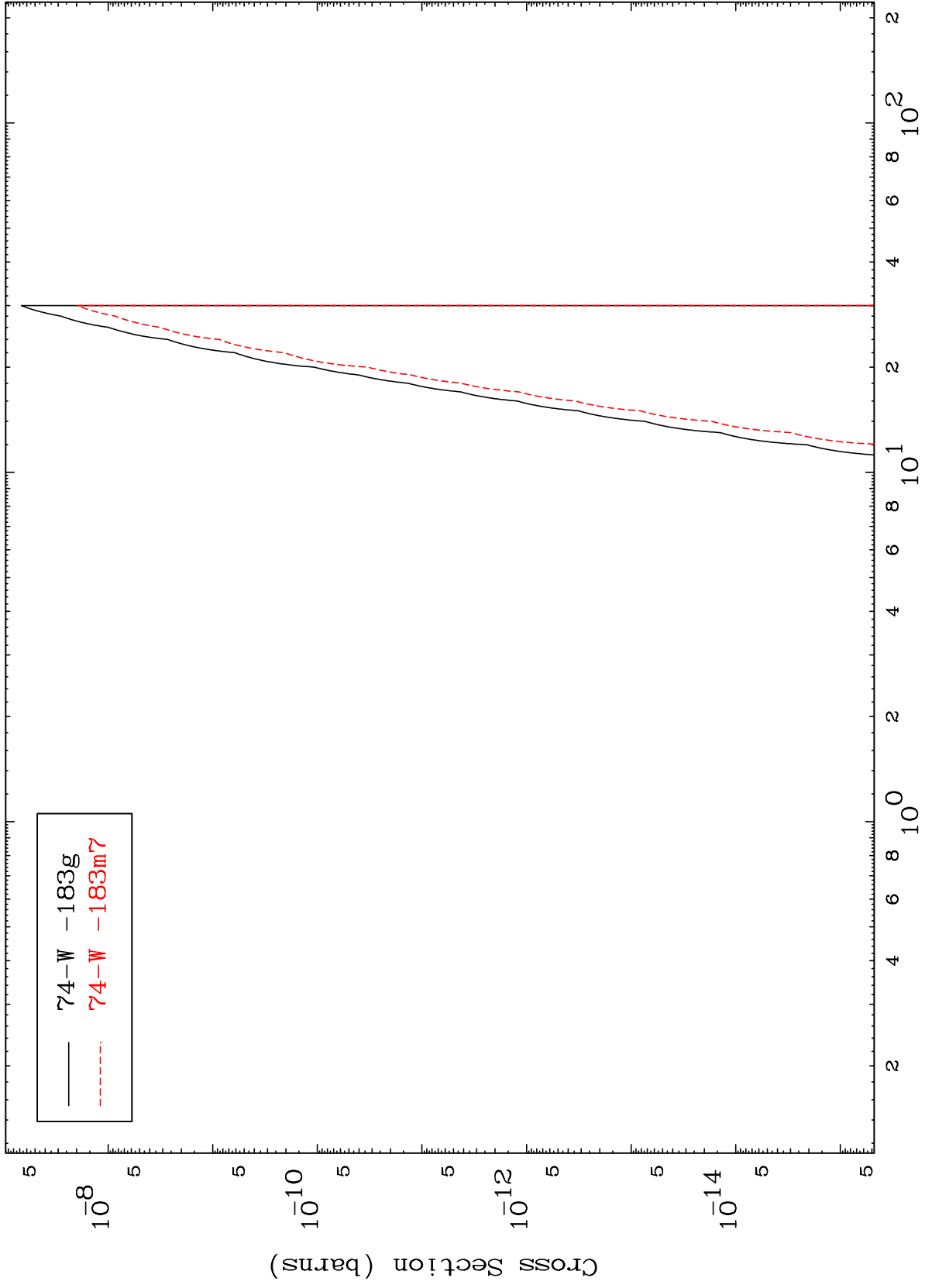
Incident Energy (MeV)

MAT 7723

(d,n') 2α

77-Ir-190

Radionuclide Production Cross Section



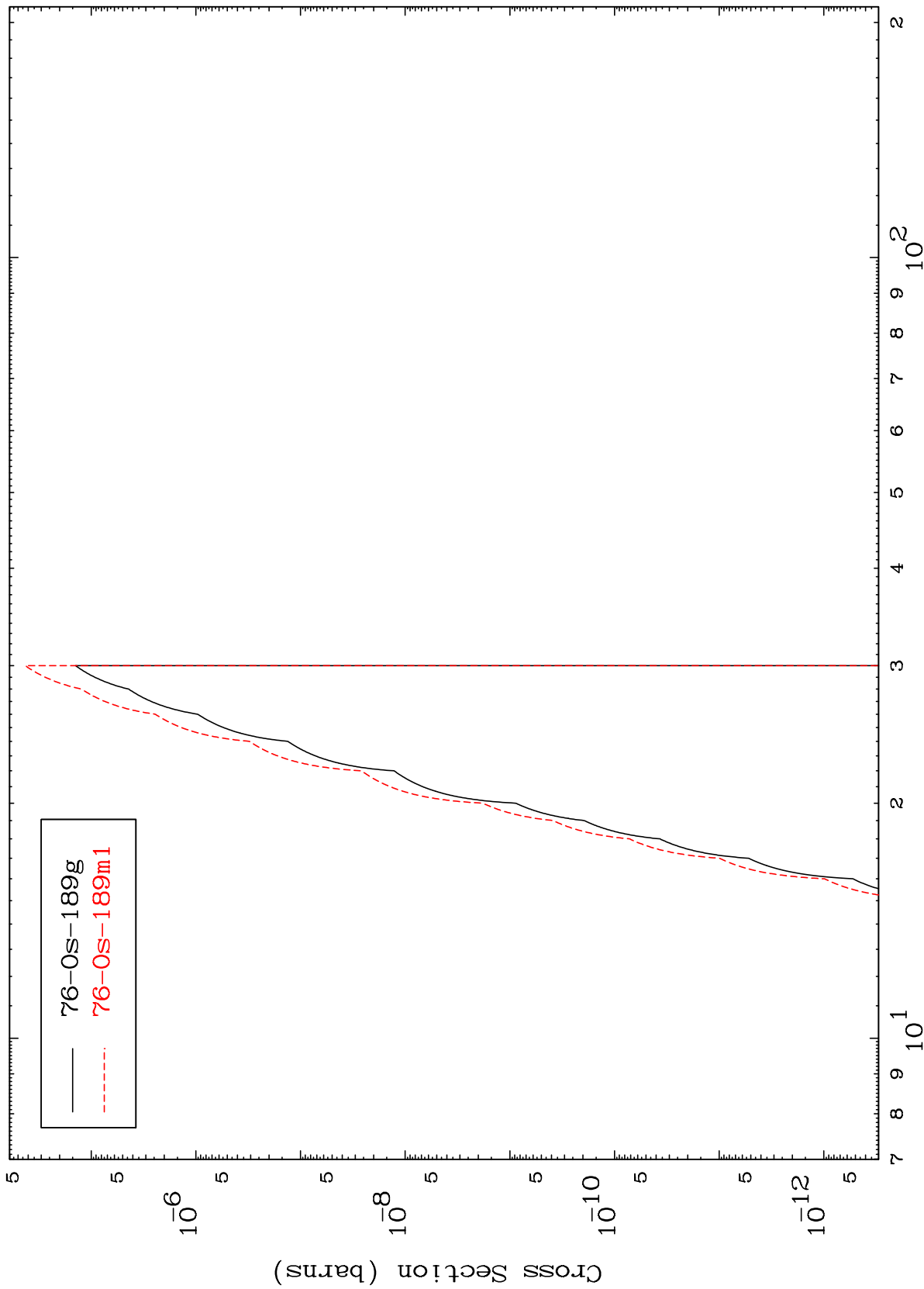
74-W -183g
74-W -183m7

MAT 7723

(d,2n) p

⁷⁷Ir-190

Radionuclide Production Cross Section



15

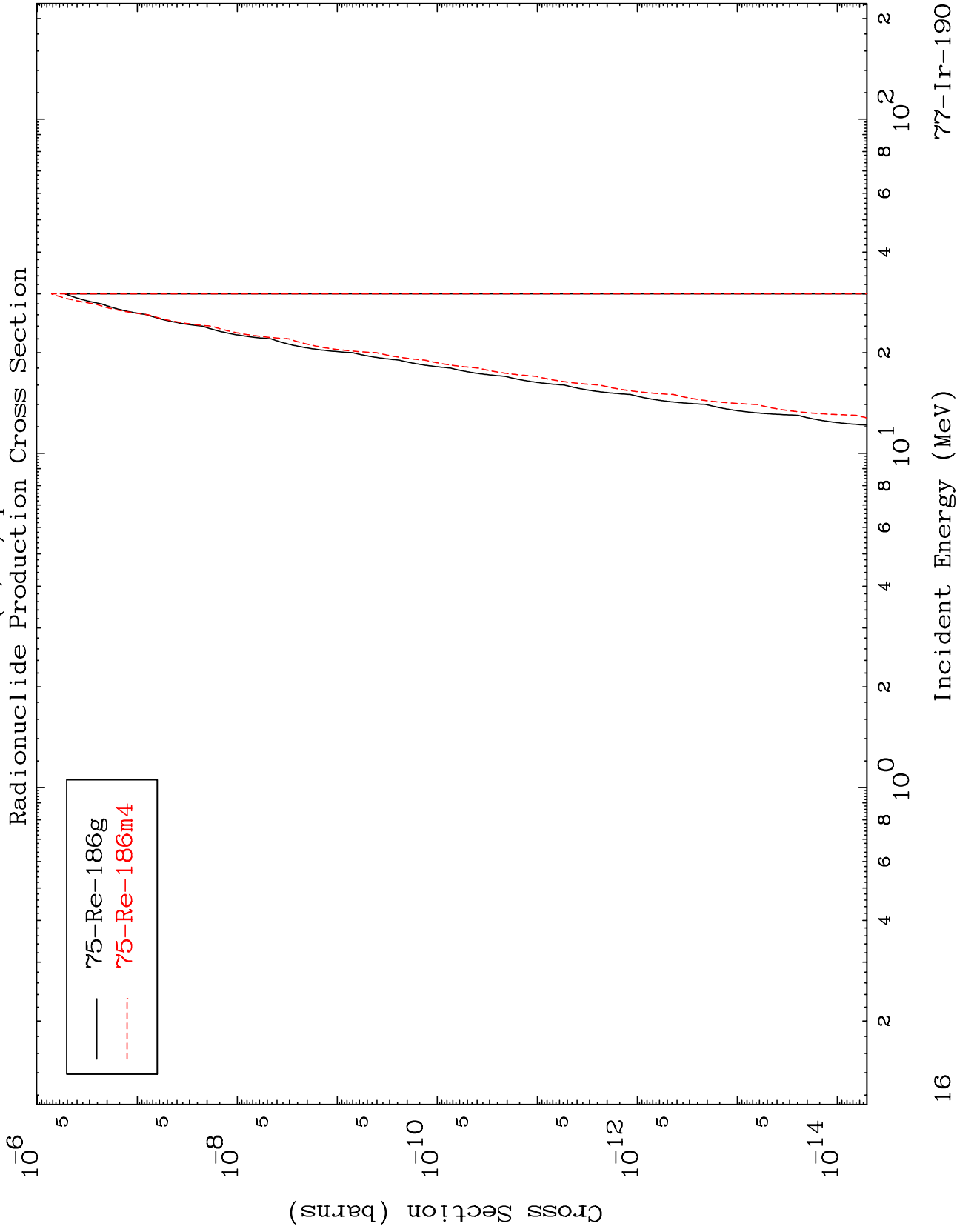
Incident Energy (MeV)

⁷⁷Ir-190

MAT 7723

(d,n') p α

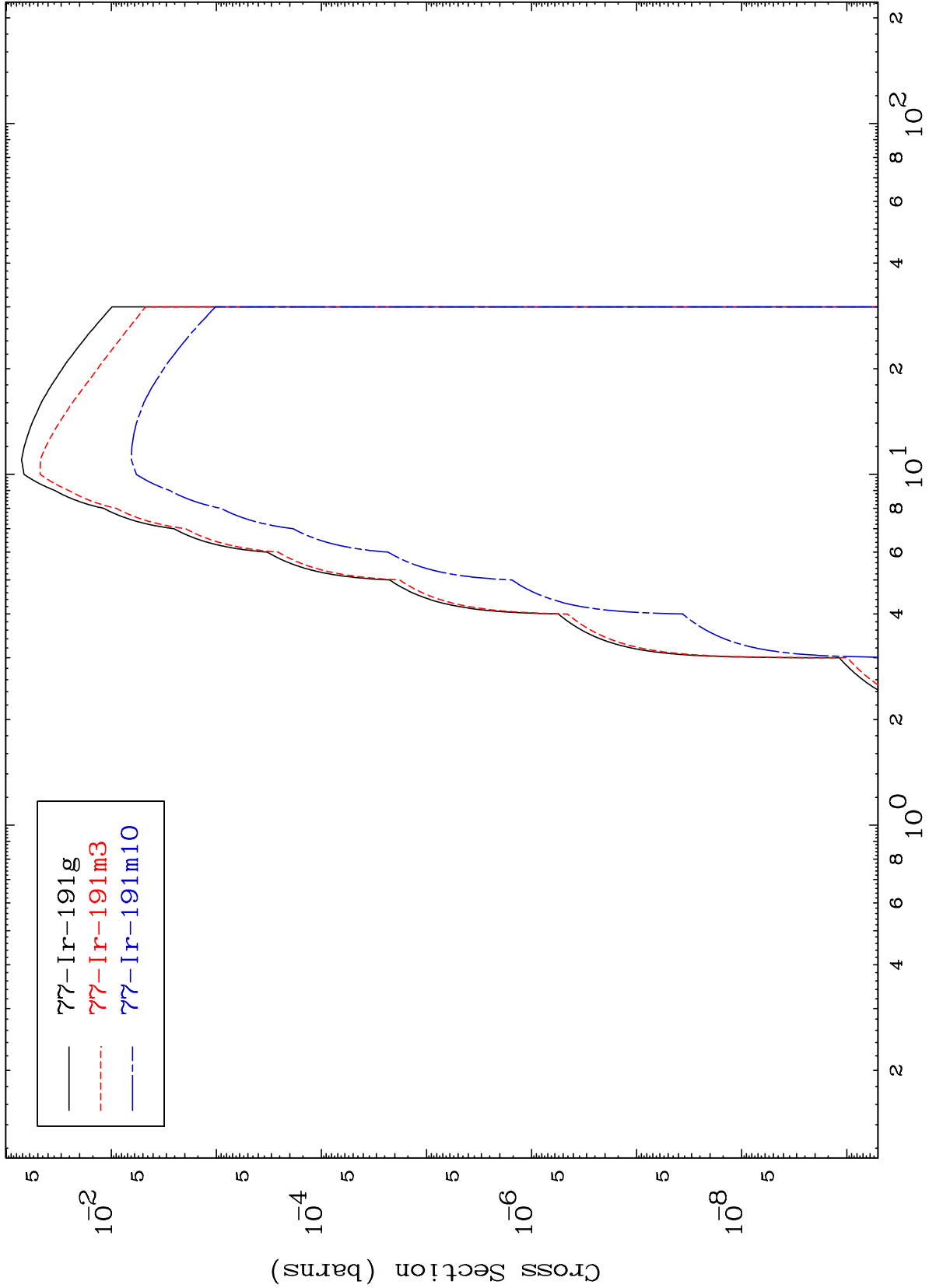
77-Ir-190



MAT 7723

⁷⁷Ir-190

(d,p)
Radionuclide Production Cross Section



⁷⁷Ir-190

Incident Energy (MeV)

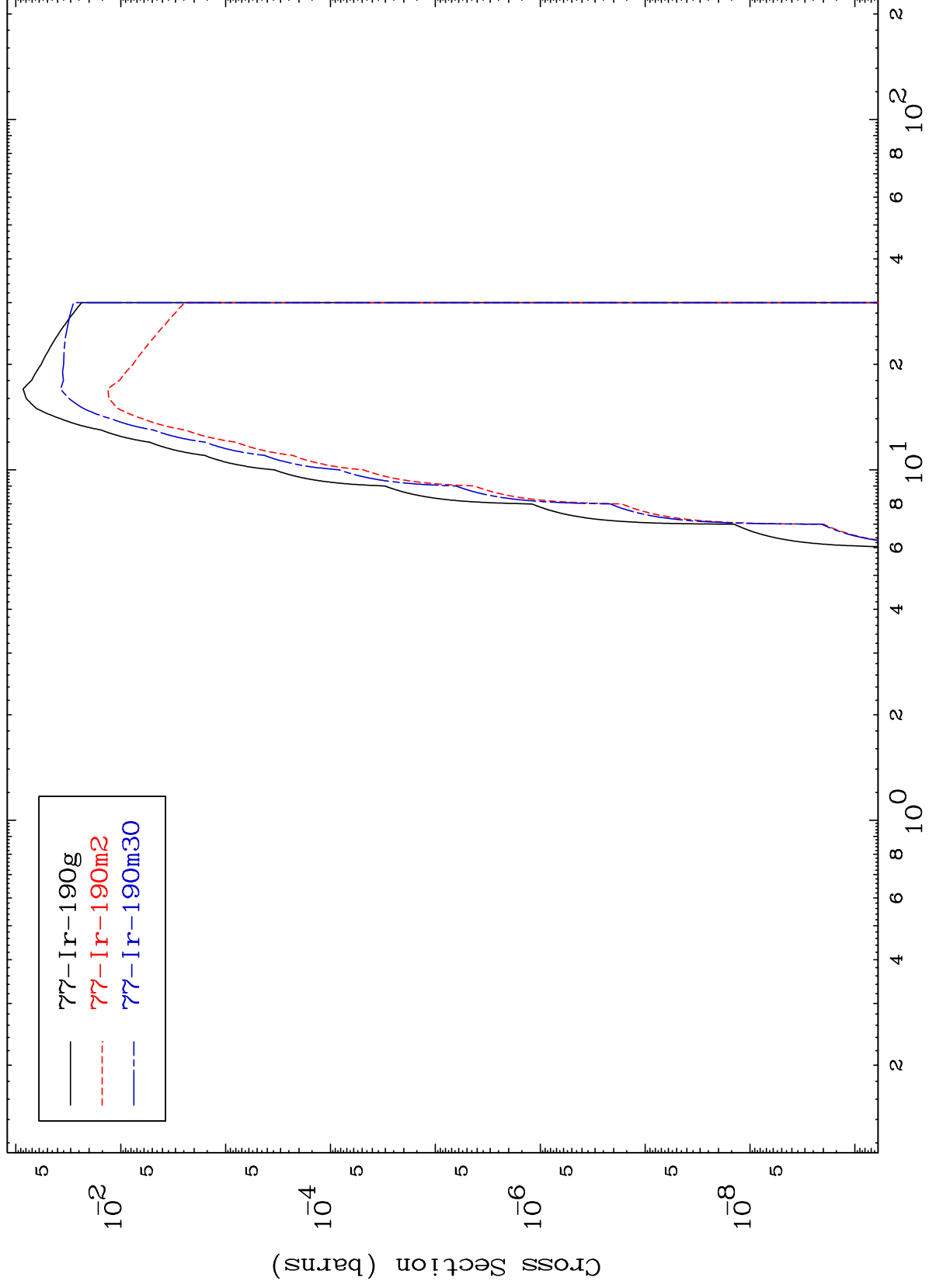
17

MAT 7723

(d,d)

⁷⁷Ir-190

Radionuclide Production Cross Section

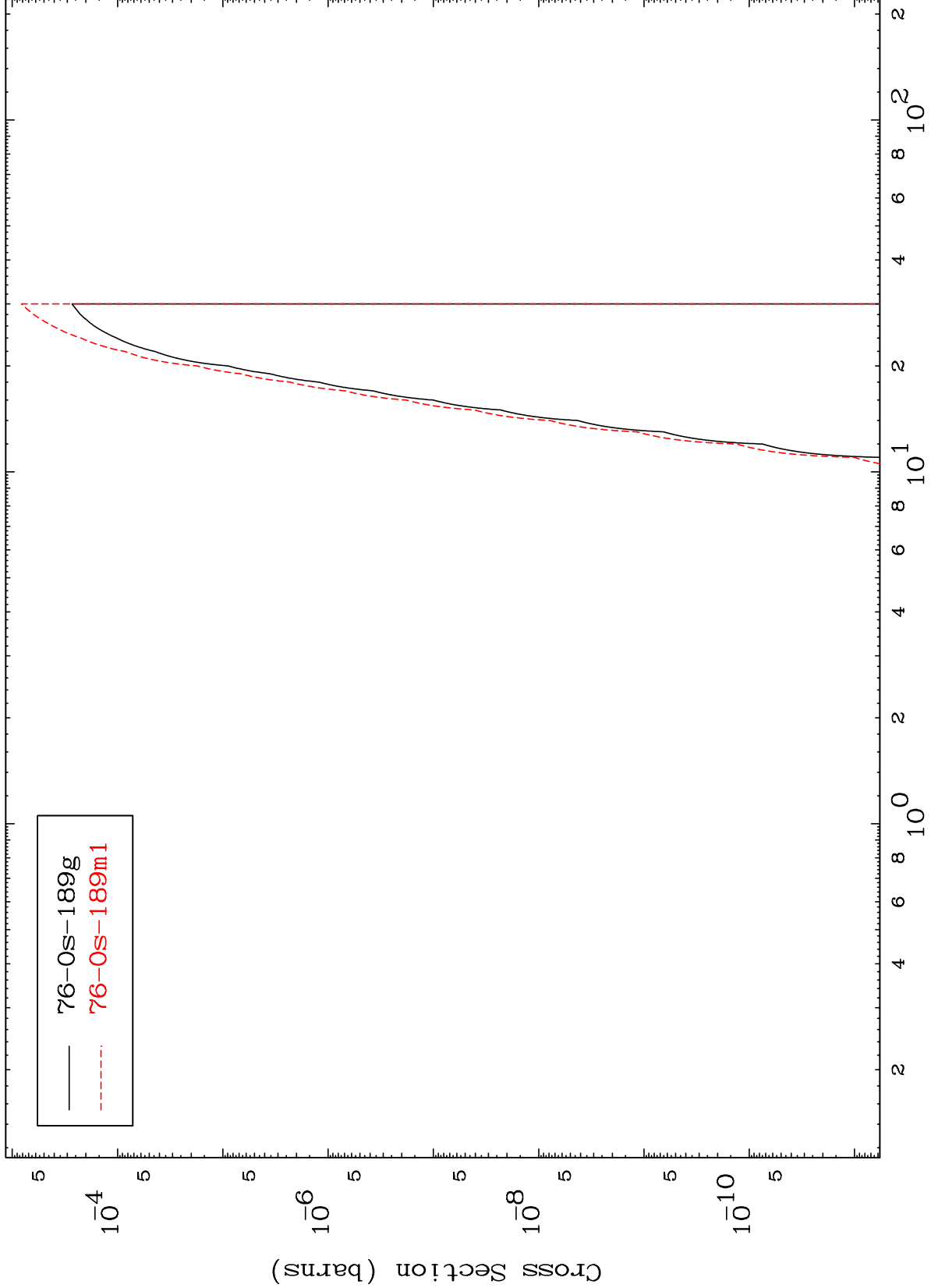


MAT 7723

(d,He-3)

77-Ir-190

Radionuclide Production Cross Section



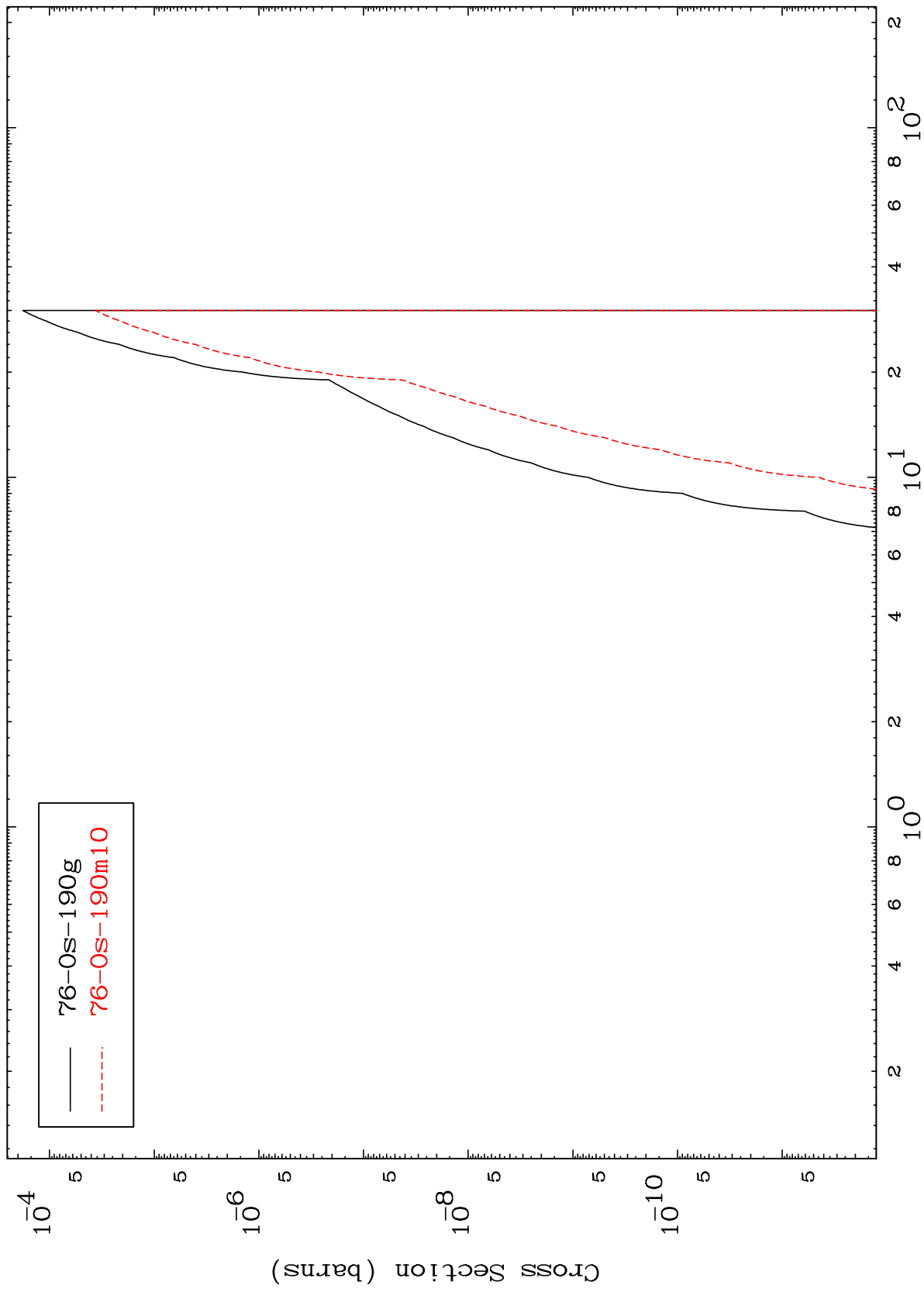
— 76-Os-189g
- - - 76-Os-189m1

MAT 7723

⁷⁷Ir-190

(d,2p)

Radionuclide Production Cross Section



20

Incident Energy (MeV)

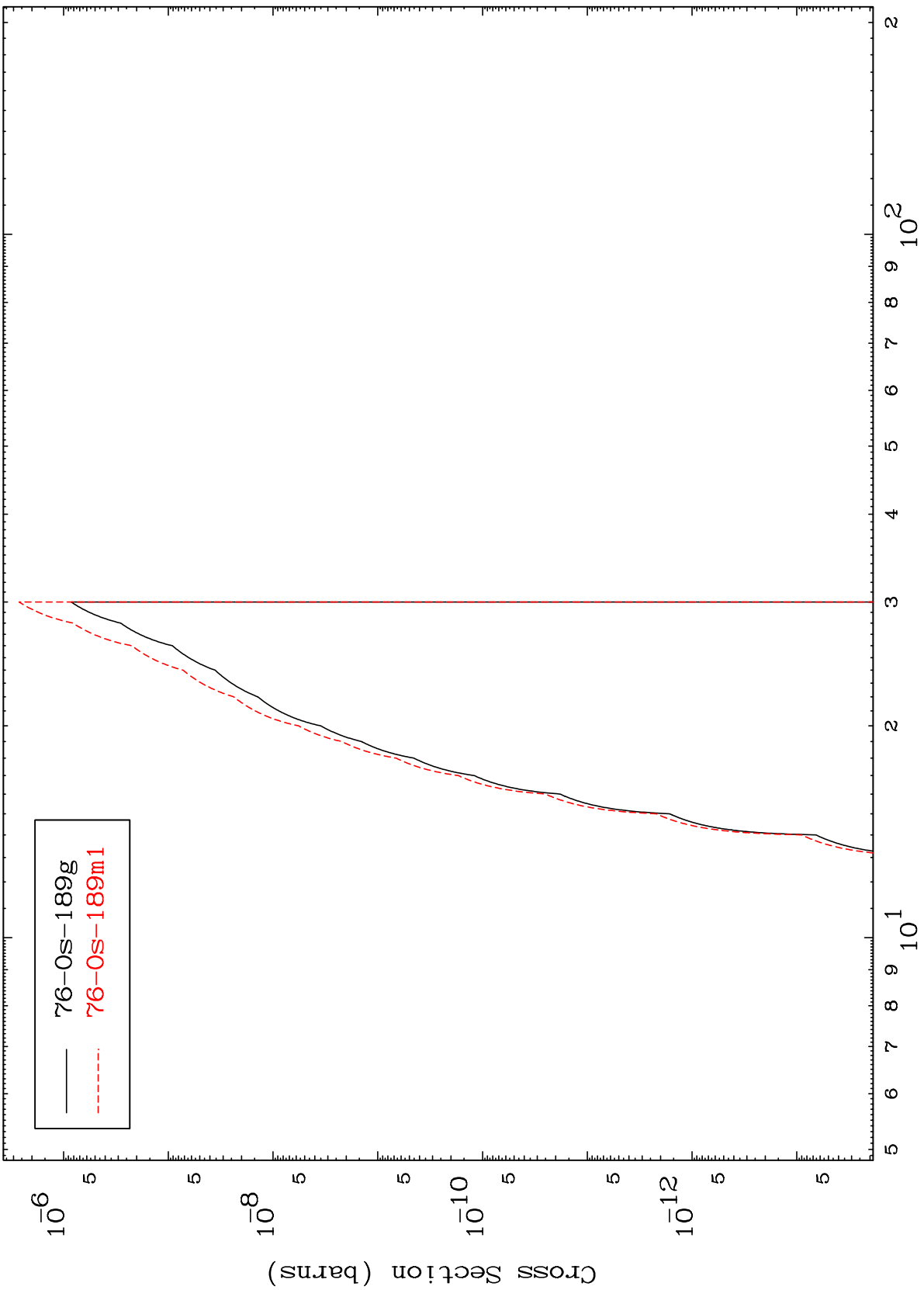
⁷⁷Ir-190

MAT 7723

(d,p) d

77-Ir-190

Radionuclide Production Cross Section



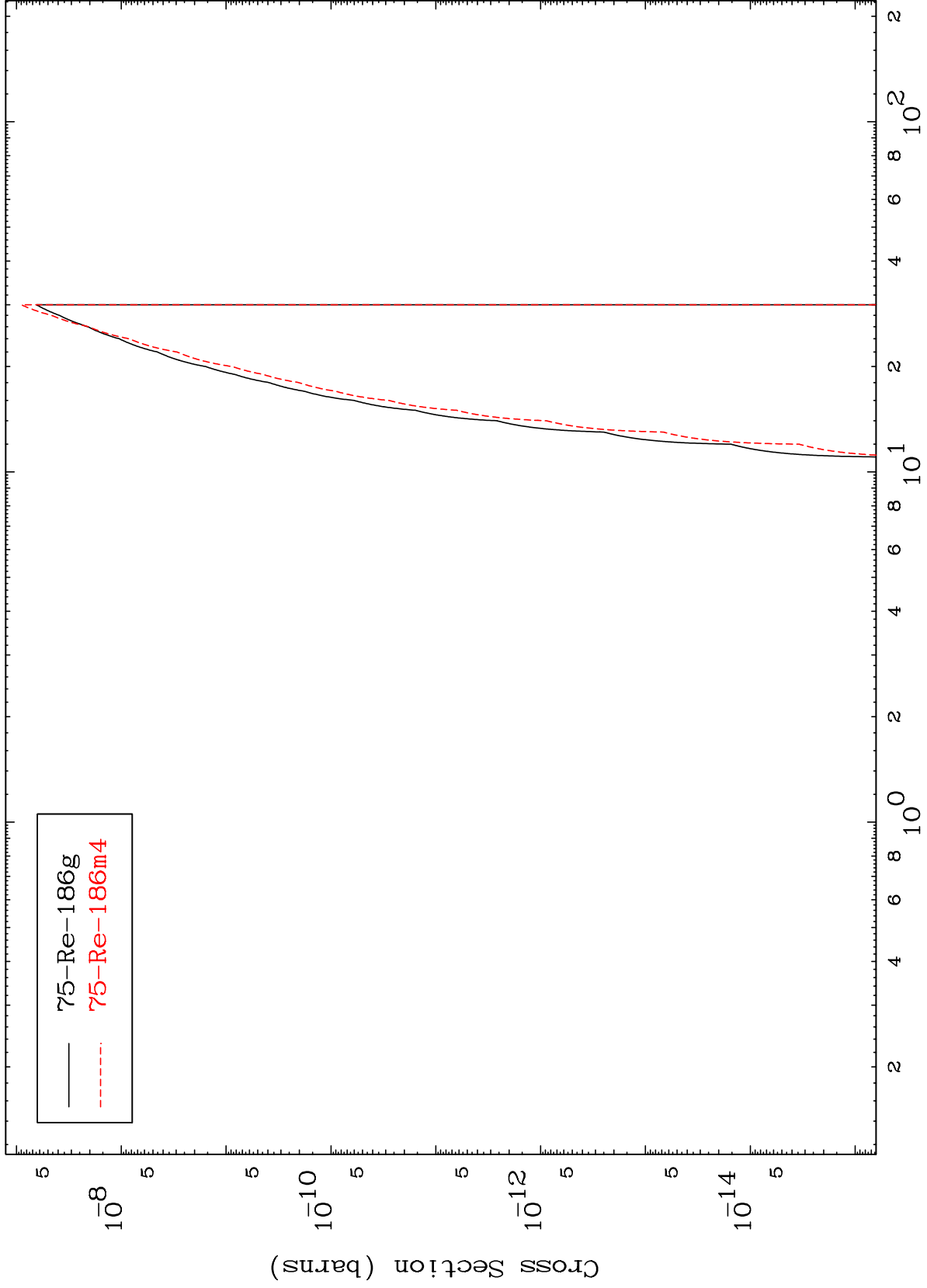
Legend:
— 76-Os-189g
- - - 76-Os-189m1

MAT 7723

(d,d) α

⁷⁷Ir-190

Radionuclide Production Cross Section



— 75-Re-186g
- - - 75-Re-186m4