

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

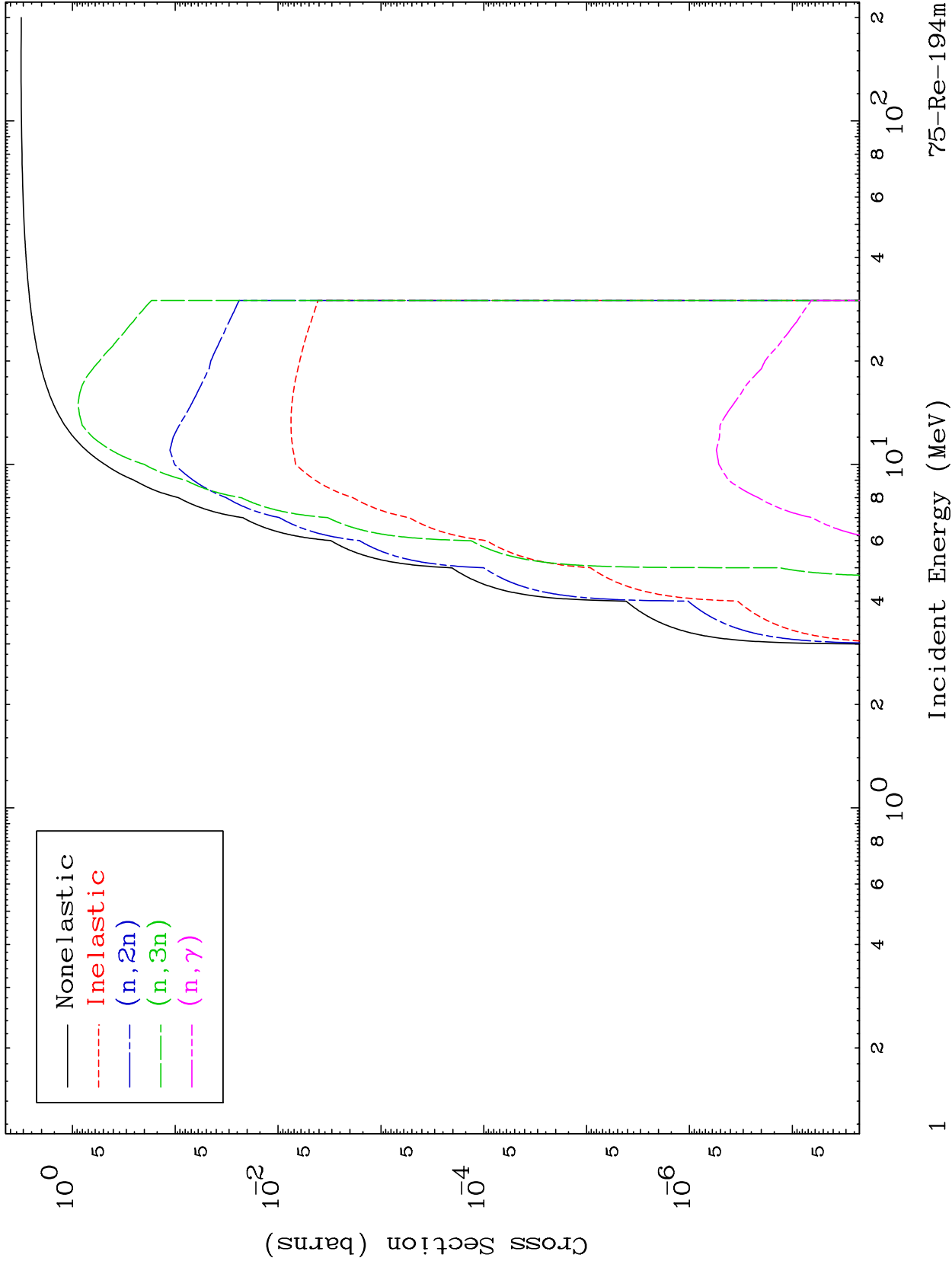
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7553

Deuteron Major
0 Kelvin Cross Sections

75-Re-194m



75-Re-194m

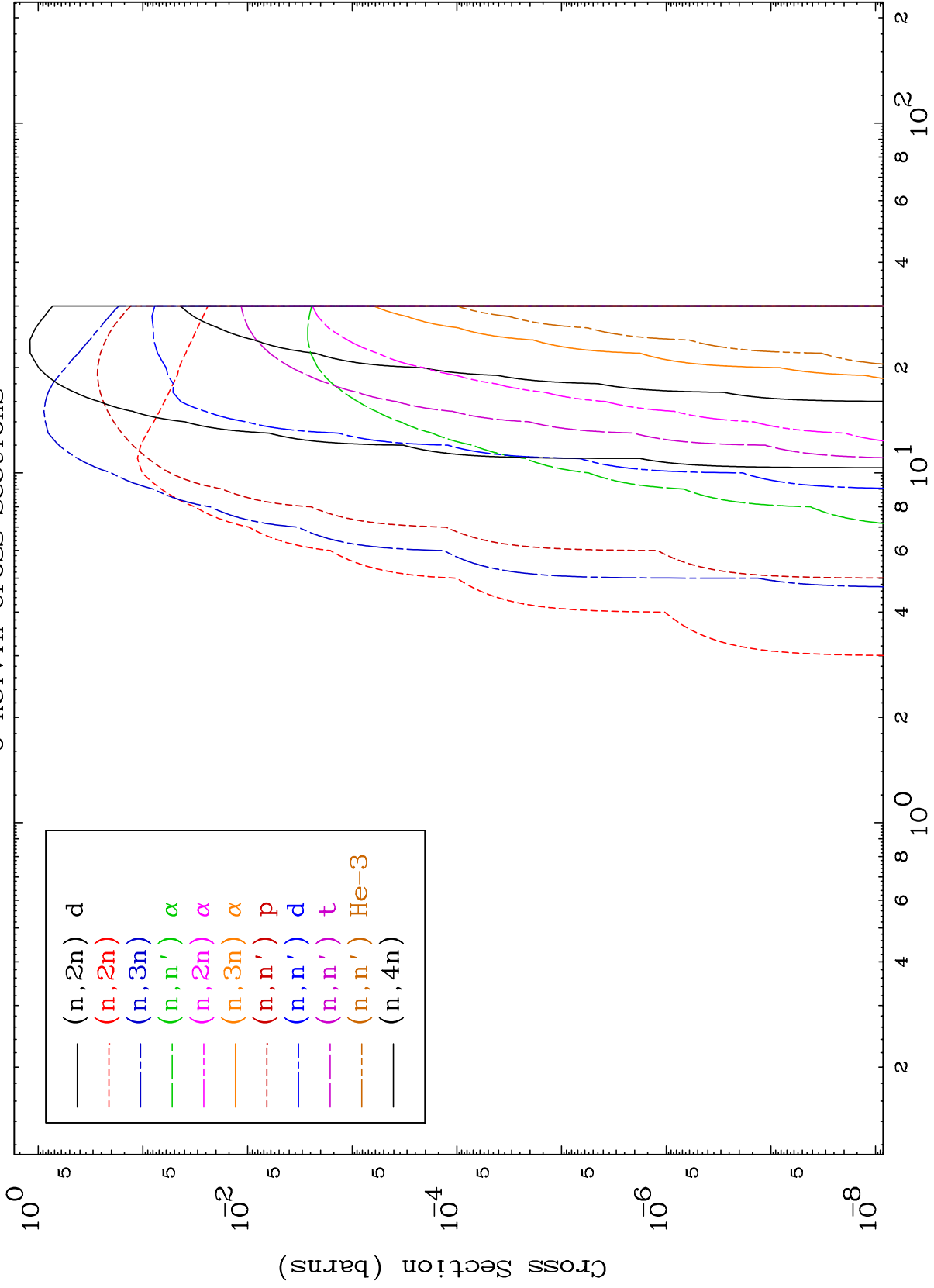
Incident Energy (MeV)

1

MAT 7553

Deuteron Neutron Absorption
0 Kelvin Cross Sections

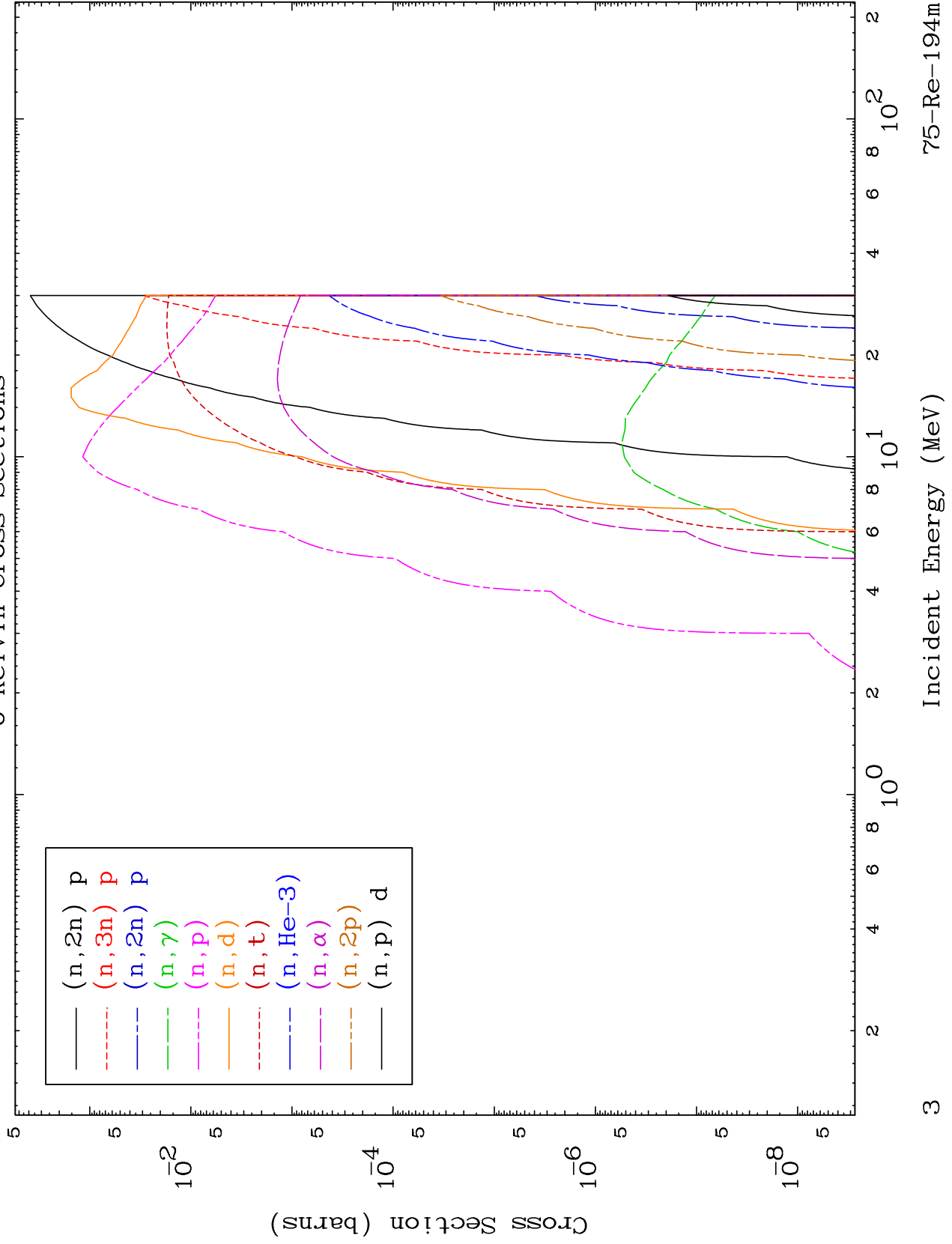
75-Re-194m



MAT 7553

Deuteron Neutron Absorption
0 Kelvin Cross Sections

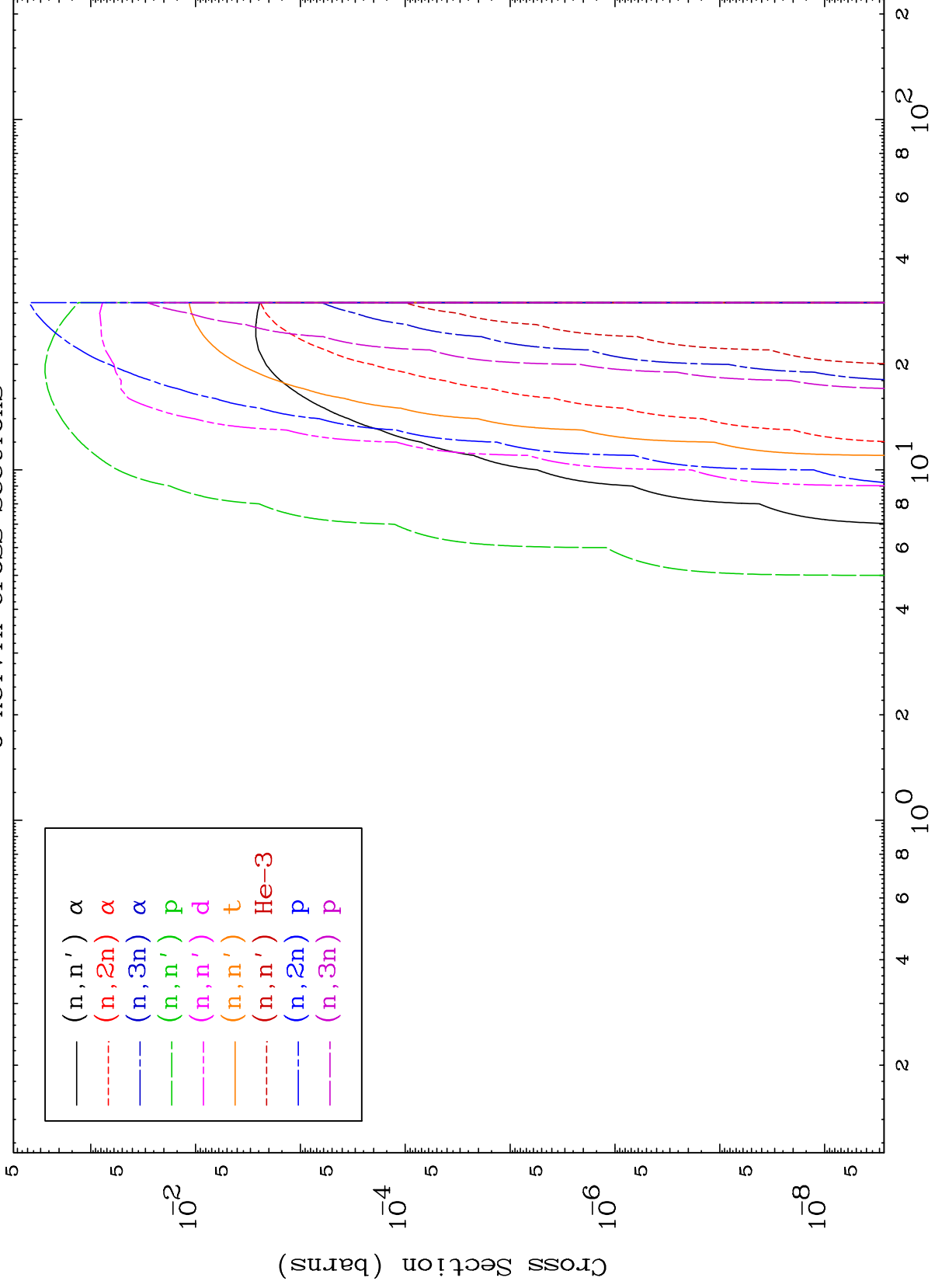
75-Re-194m

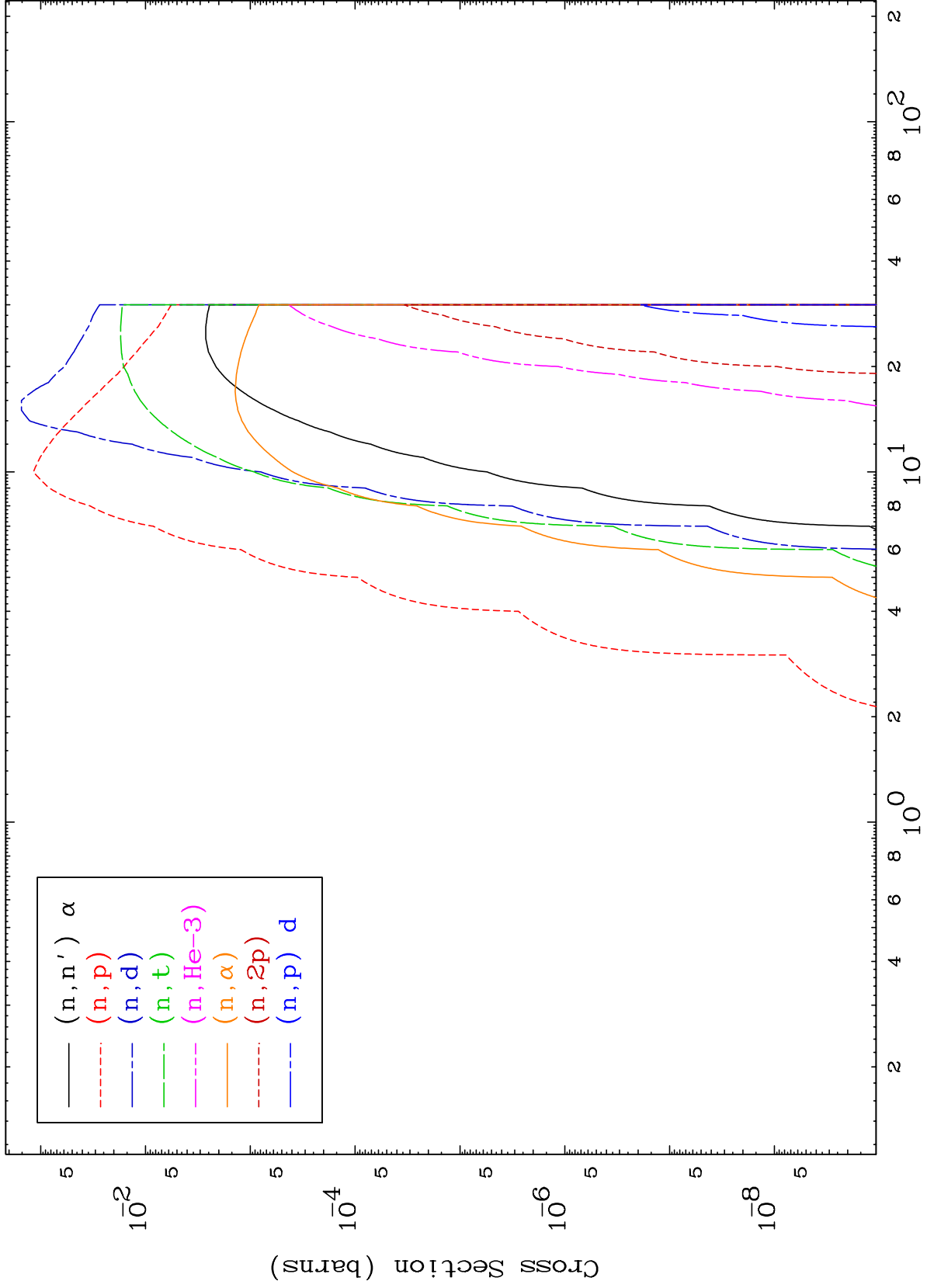


MAT 7553

Deuteron Charged Particle
0 Kelvin Cross Sections

75-Re-194m

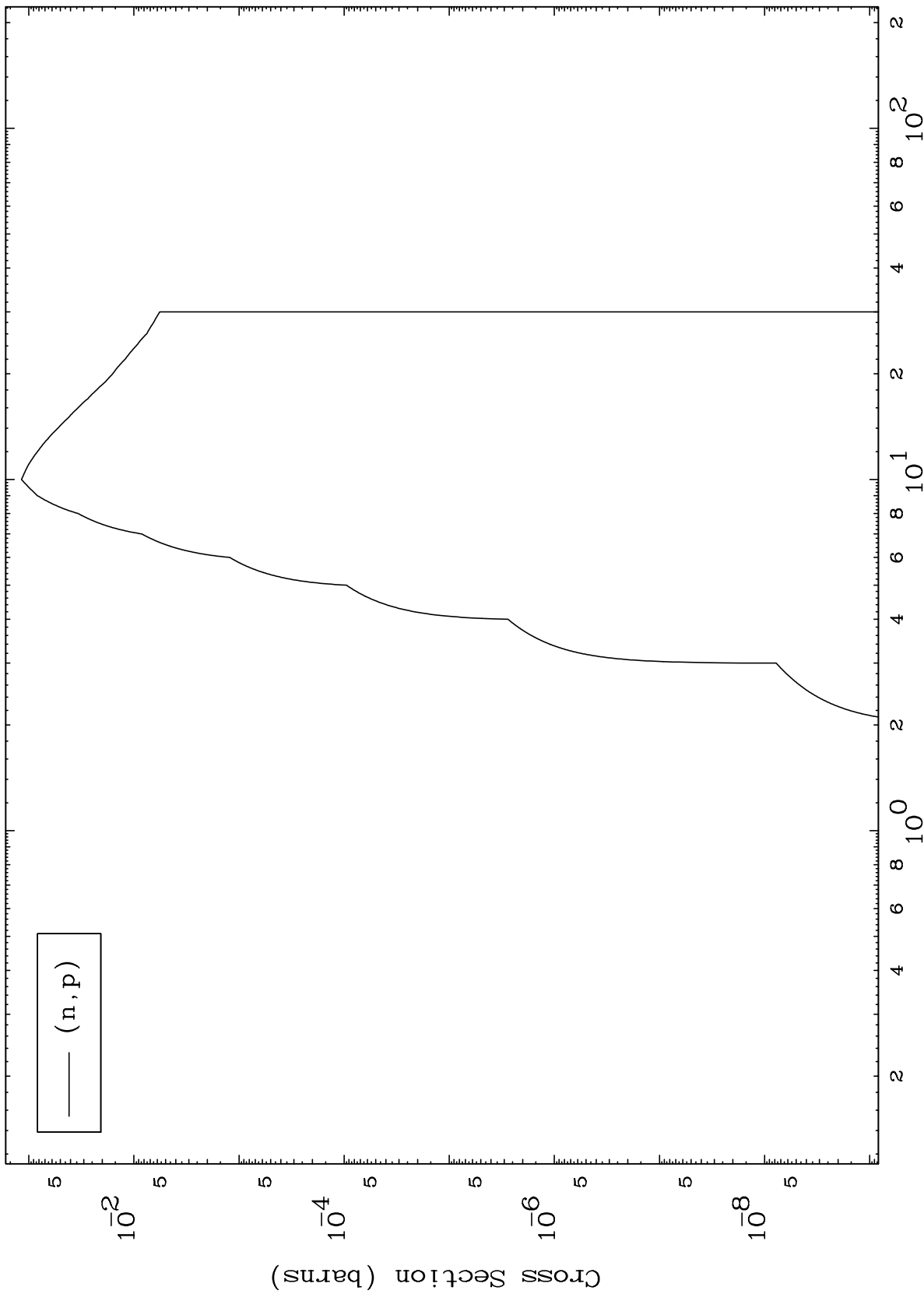




MAT 7553

75-Re-194m

(d,p) Levels
0 Kelvin Cross Sections



6

75-Re-194m

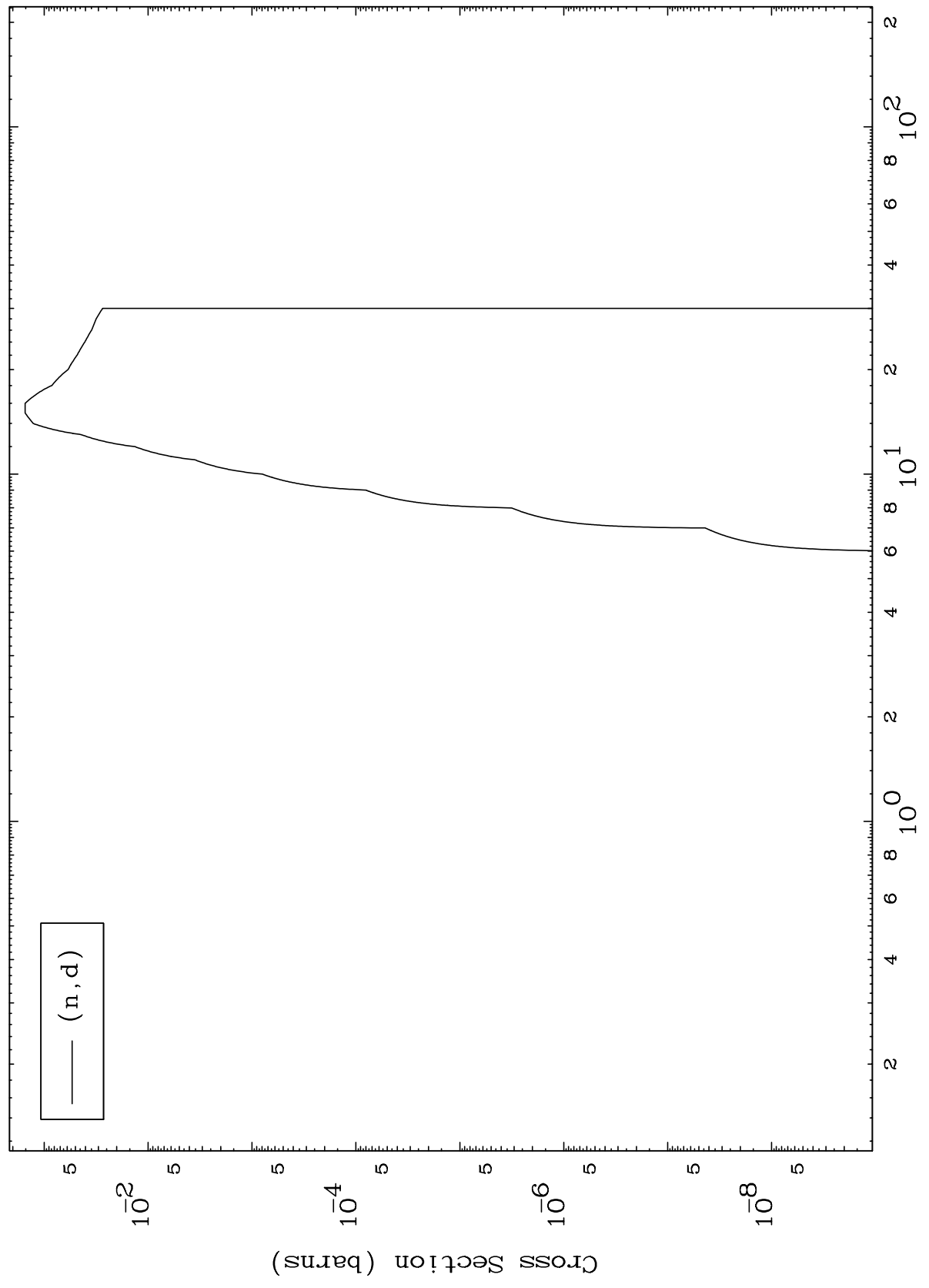
Incident Energy (MeV)

MAT 7553

(d,d) Levels

75-Re-194m

0 Kelvin Cross Sections

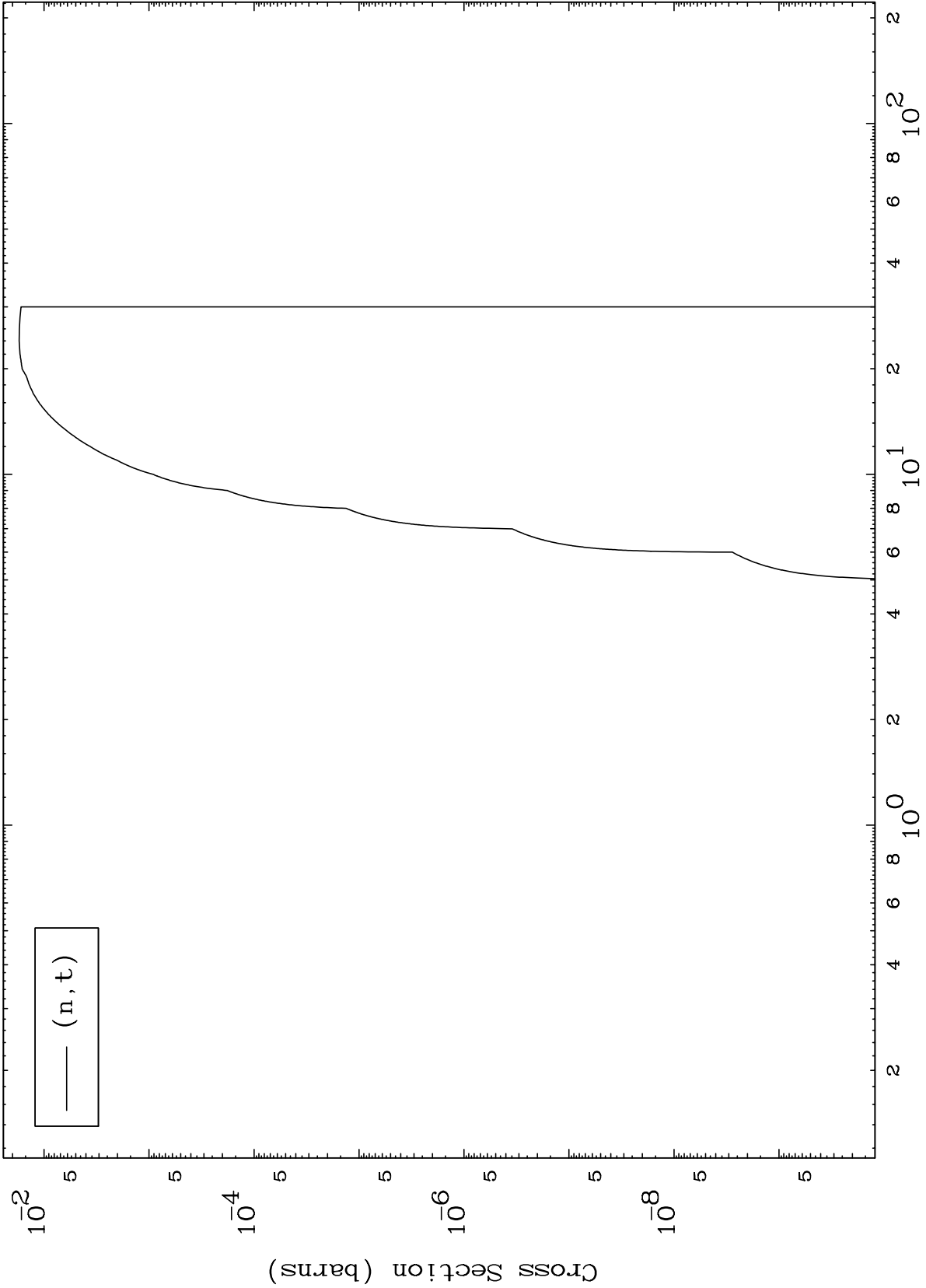


MAT 7553

(d, t) Levels

75-Re-194m

0 Kelvin Cross Sections

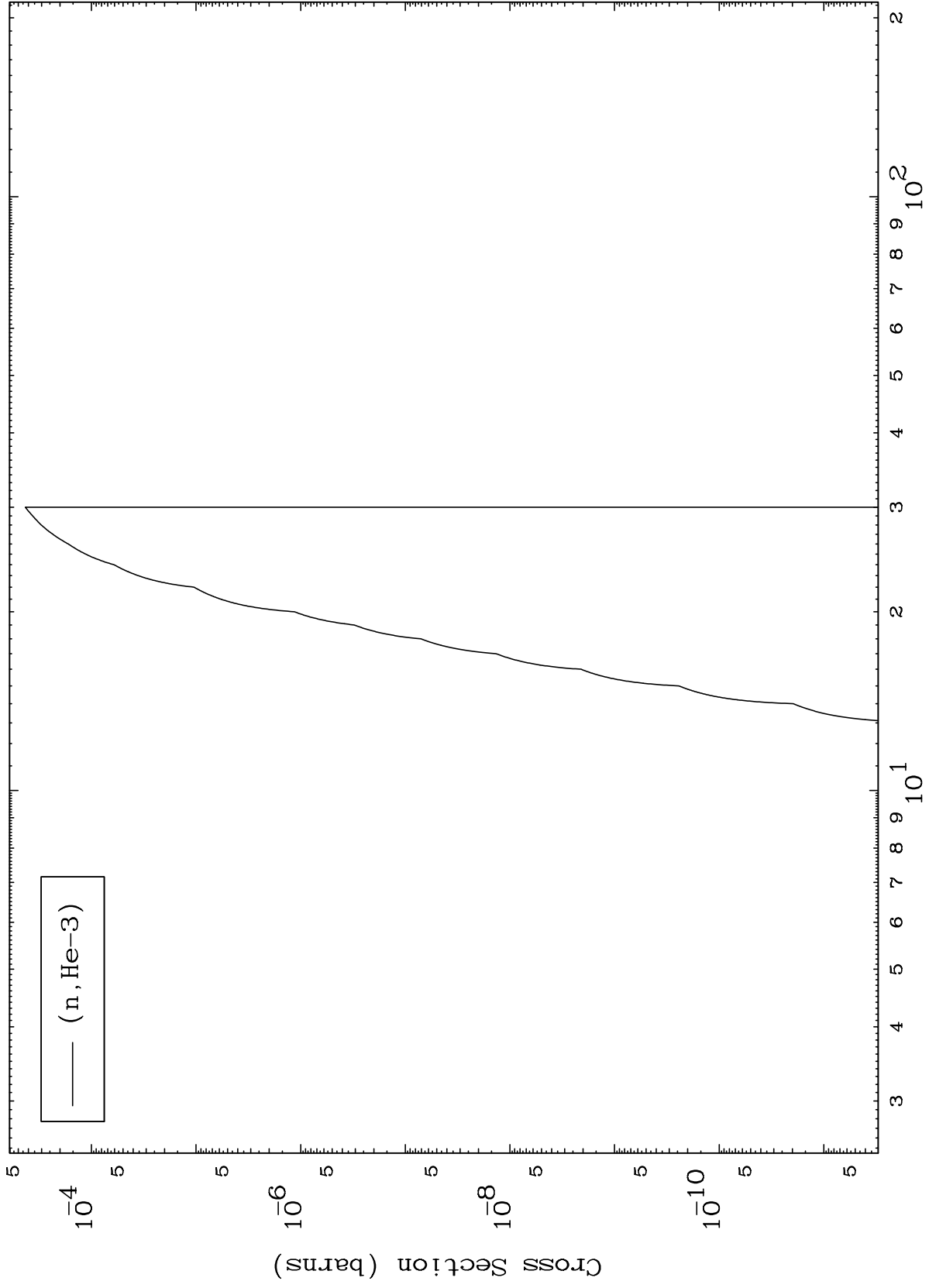


MAT 7553

(d,He3) Levels

75-Re-194m

0 Kelvin Cross Sections



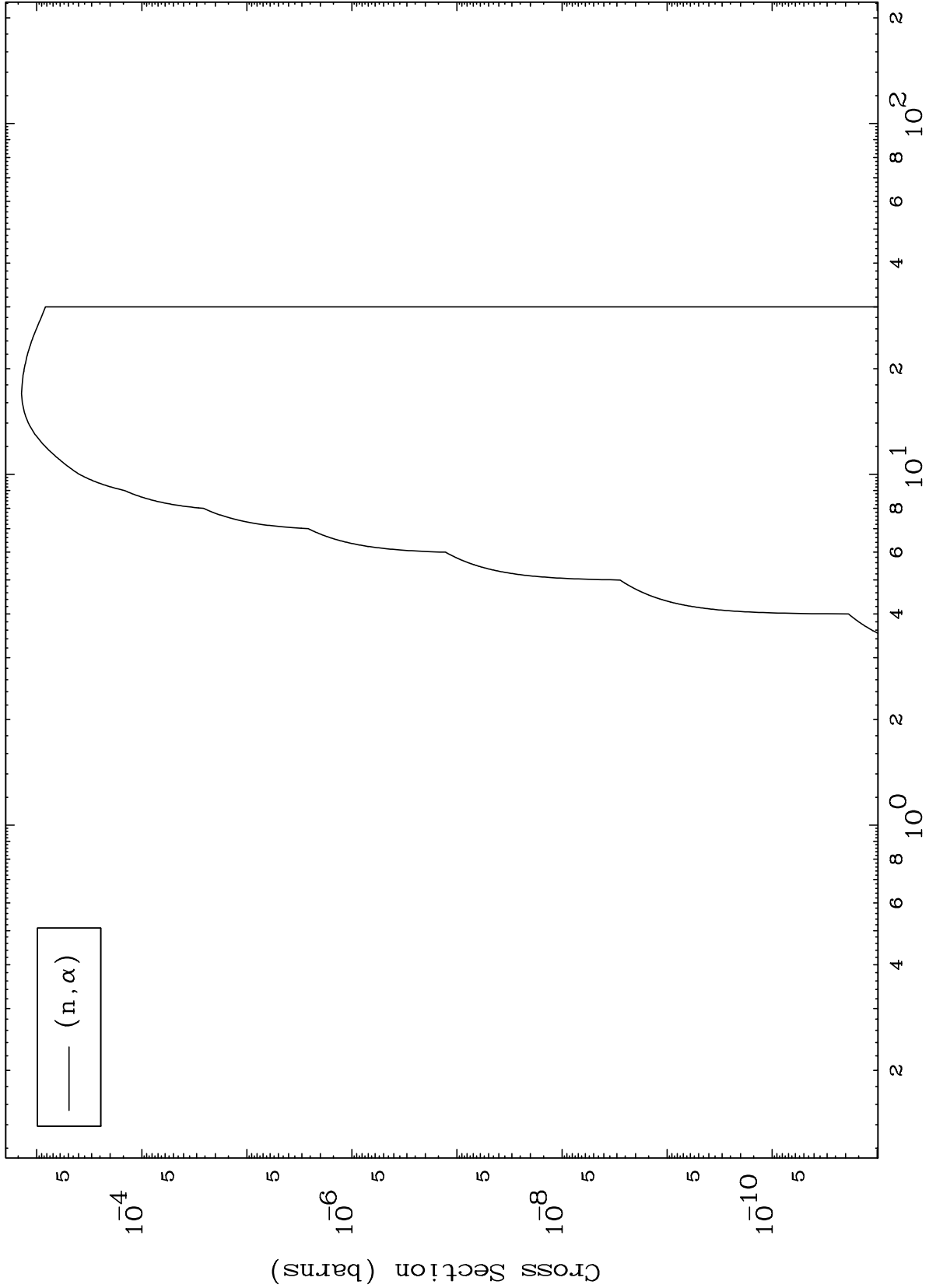
(n, He-3)

MAT 7553

(d, α) Levels

75-Re-194m

0 Kelvin Cross Sections



10

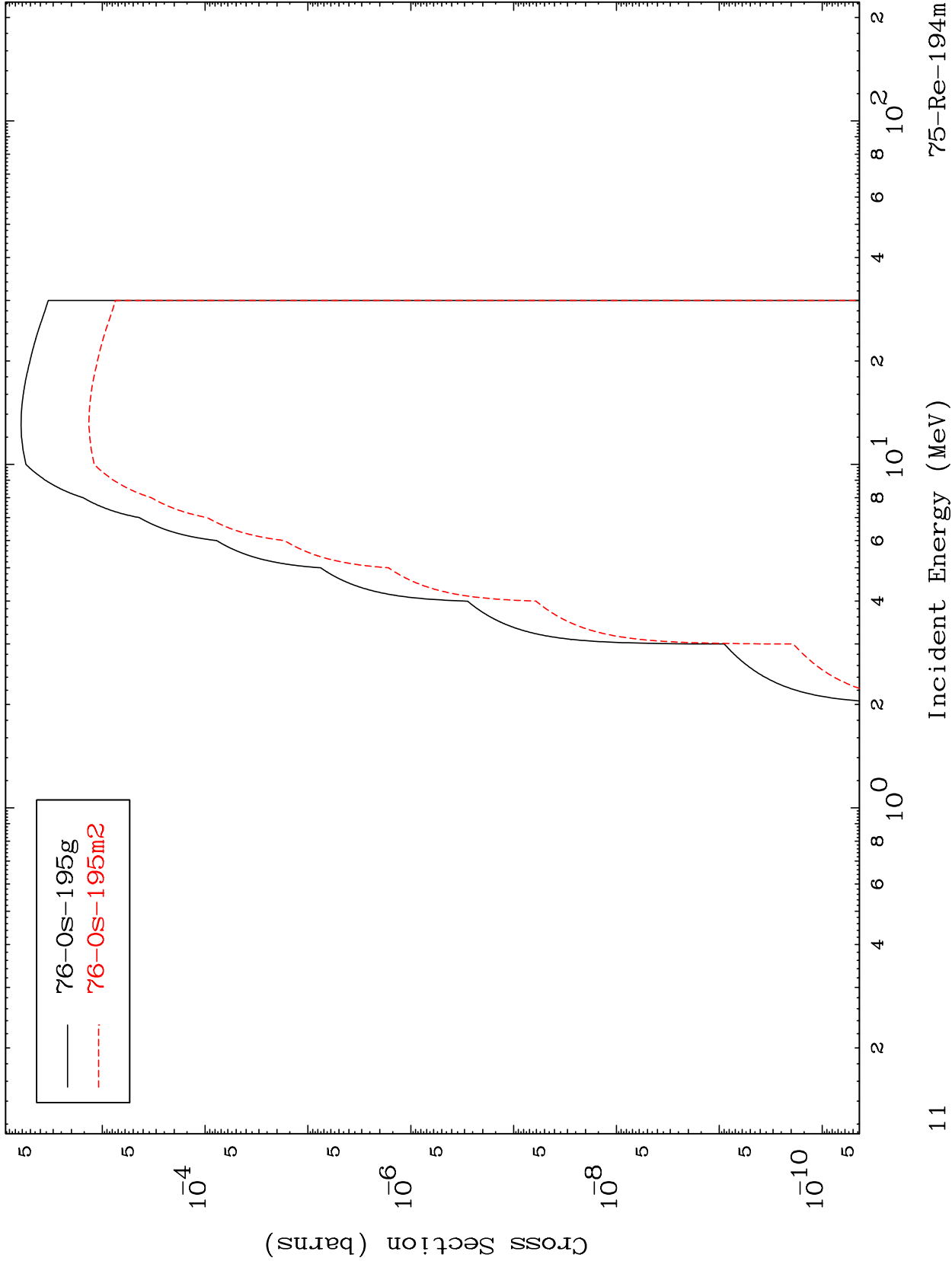
Incident Energy (MeV)

75-Re-194m

MAT 7553

Inelastic
Radionuclide Production Cross Section

75-Re-194m

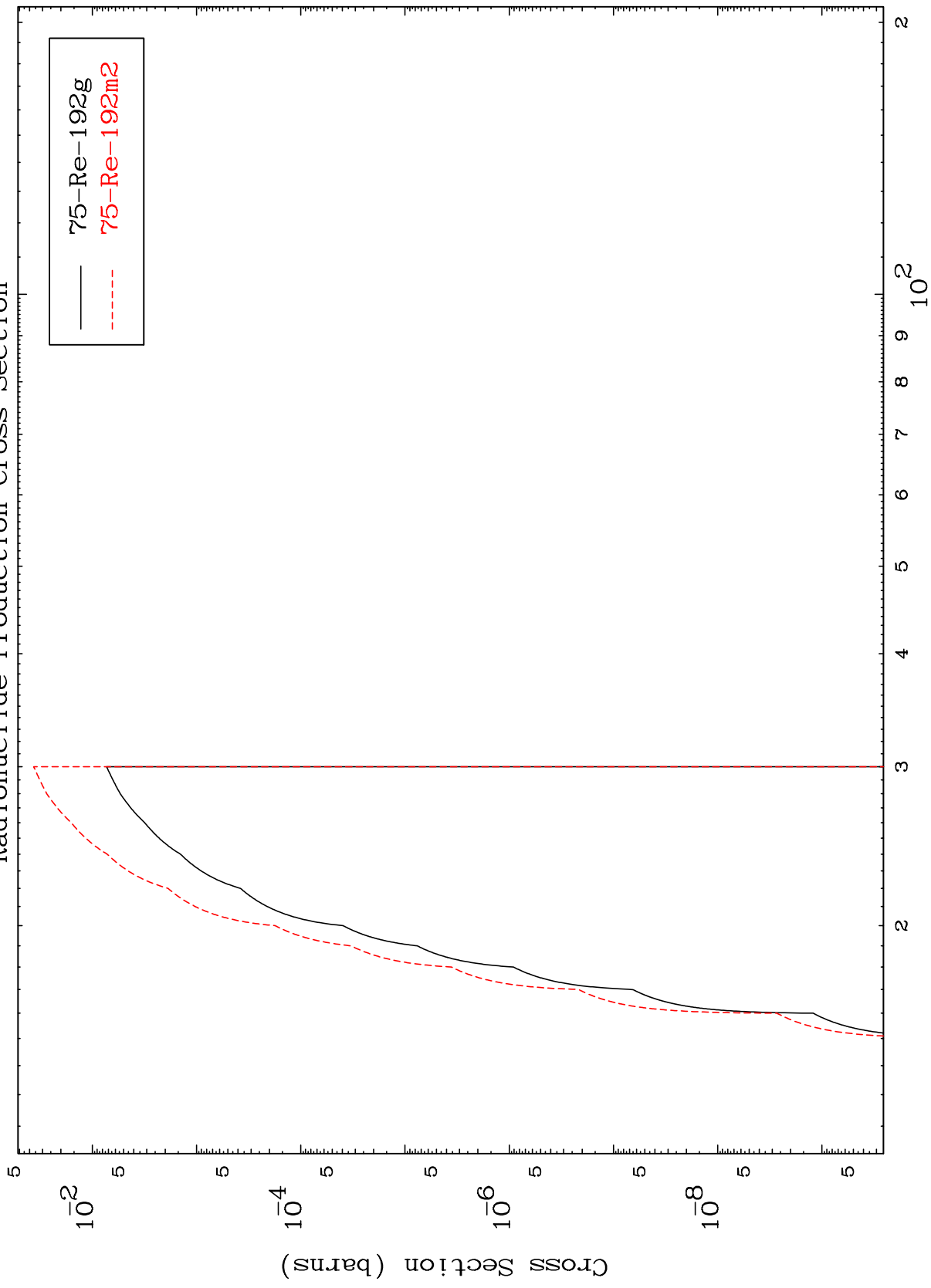


MAT 7553

75-Re-194m

(n,2n) d

Radionuclide Production Cross Section



12

Incident Energy (MeV)

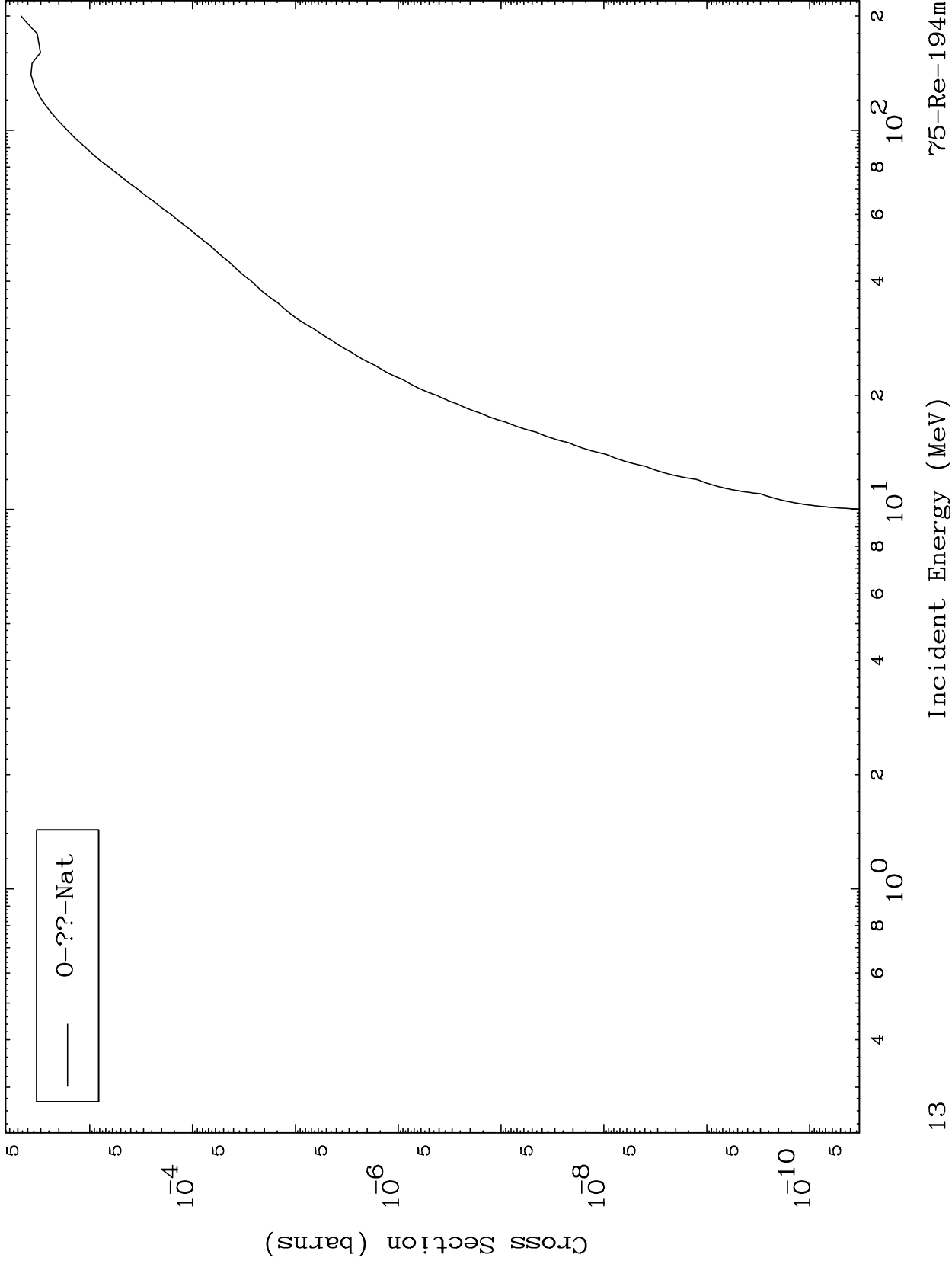
75-Re-194m

MAT 7553

Fission

⁷⁵Re-¹⁹⁴m

Radionuclide Production Cross Section

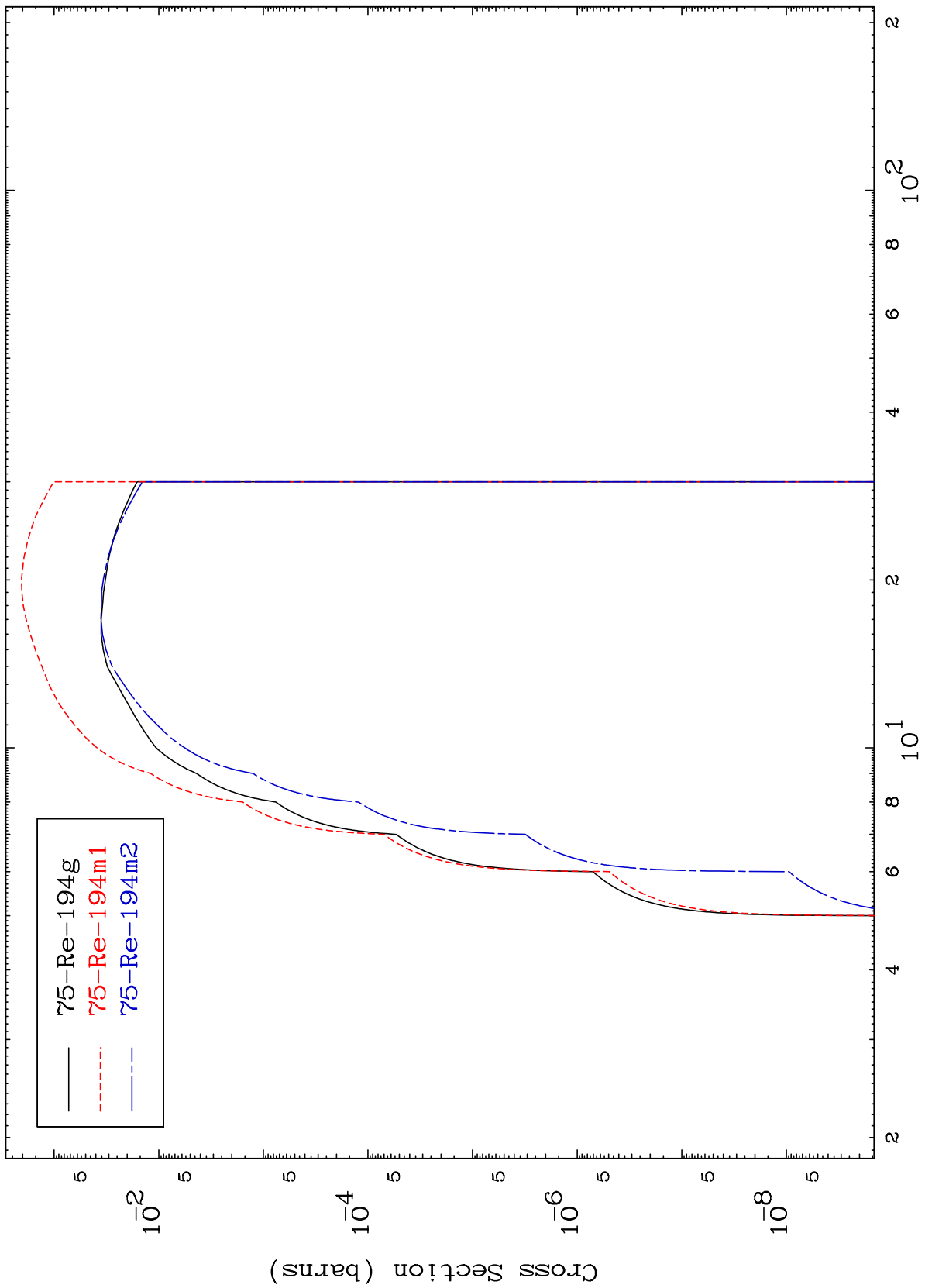


MAT 7553

⁷⁵Re-194m

Radionuclide Production Cross Section

(n,n') p



75-Re-194g
75-Re-194m1
75-Re-194m2

⁷⁵Re-194m

Incident Energy (MeV)

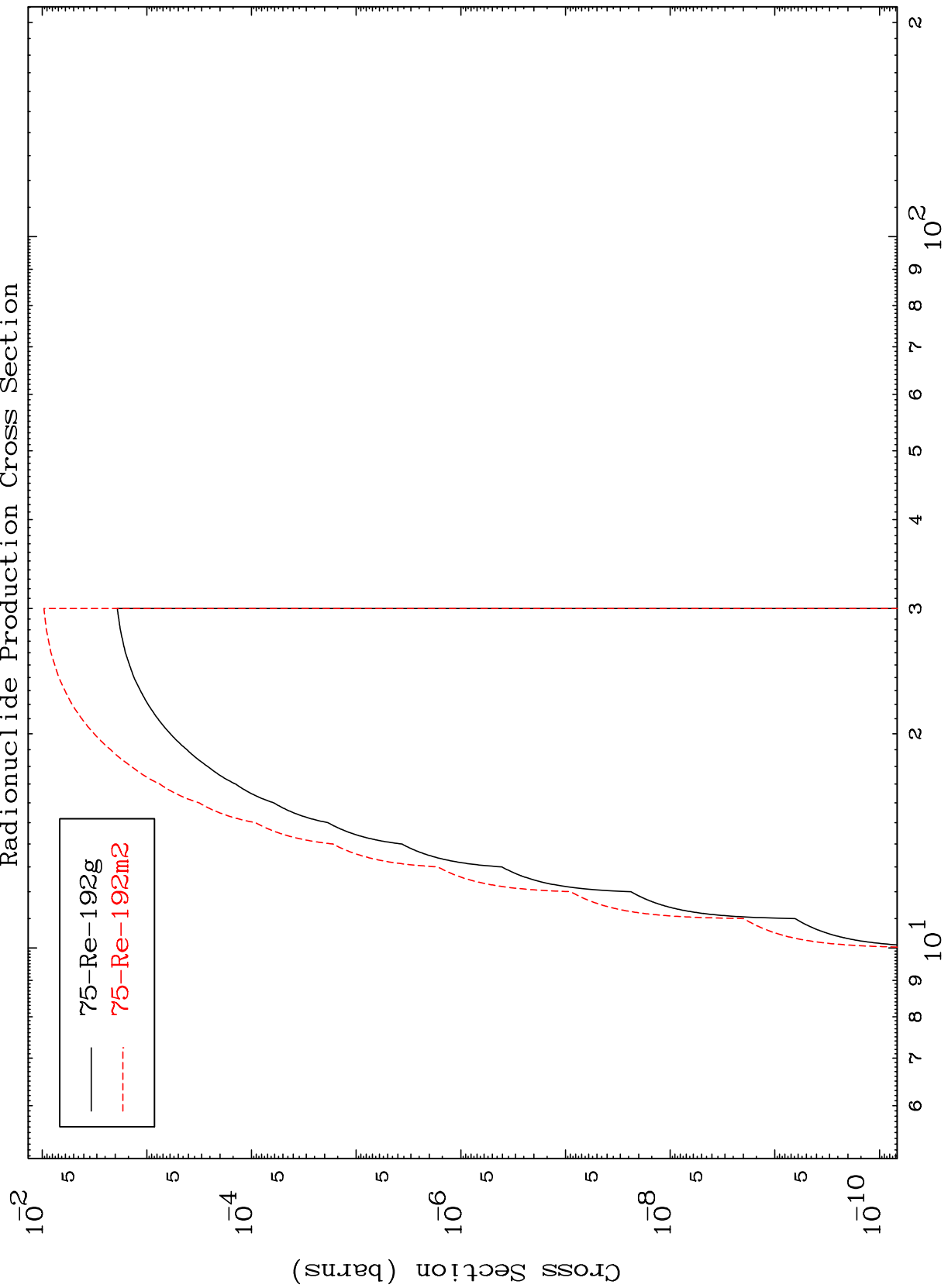
14

MAT 7553

(n,n') t

⁷⁵Re-194m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

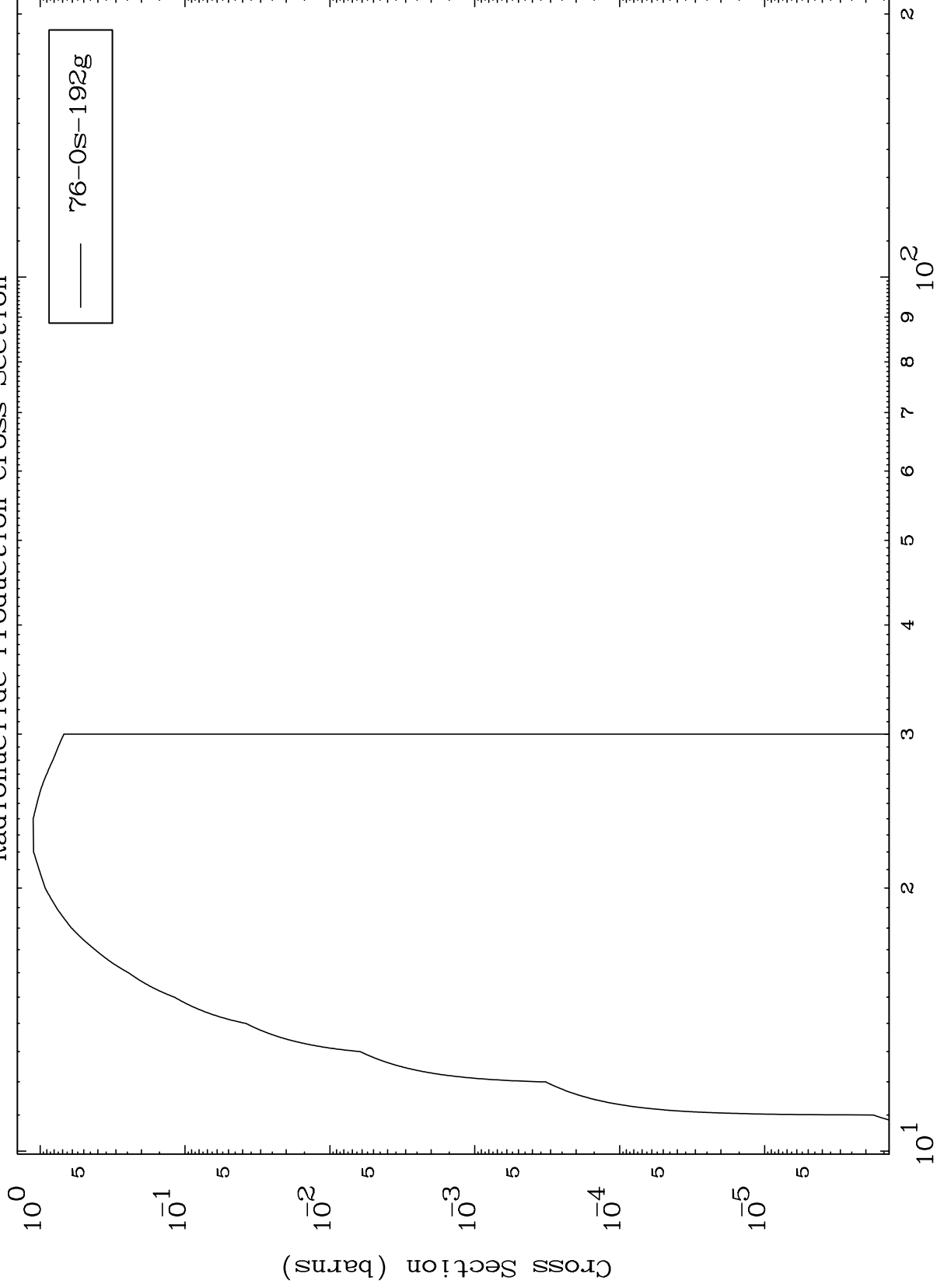
⁷⁵Re-194m

MAT 7553

(n,4n)

75-Re-194m

Radionuclide Production Cross Section



Incident Energy (MeV)

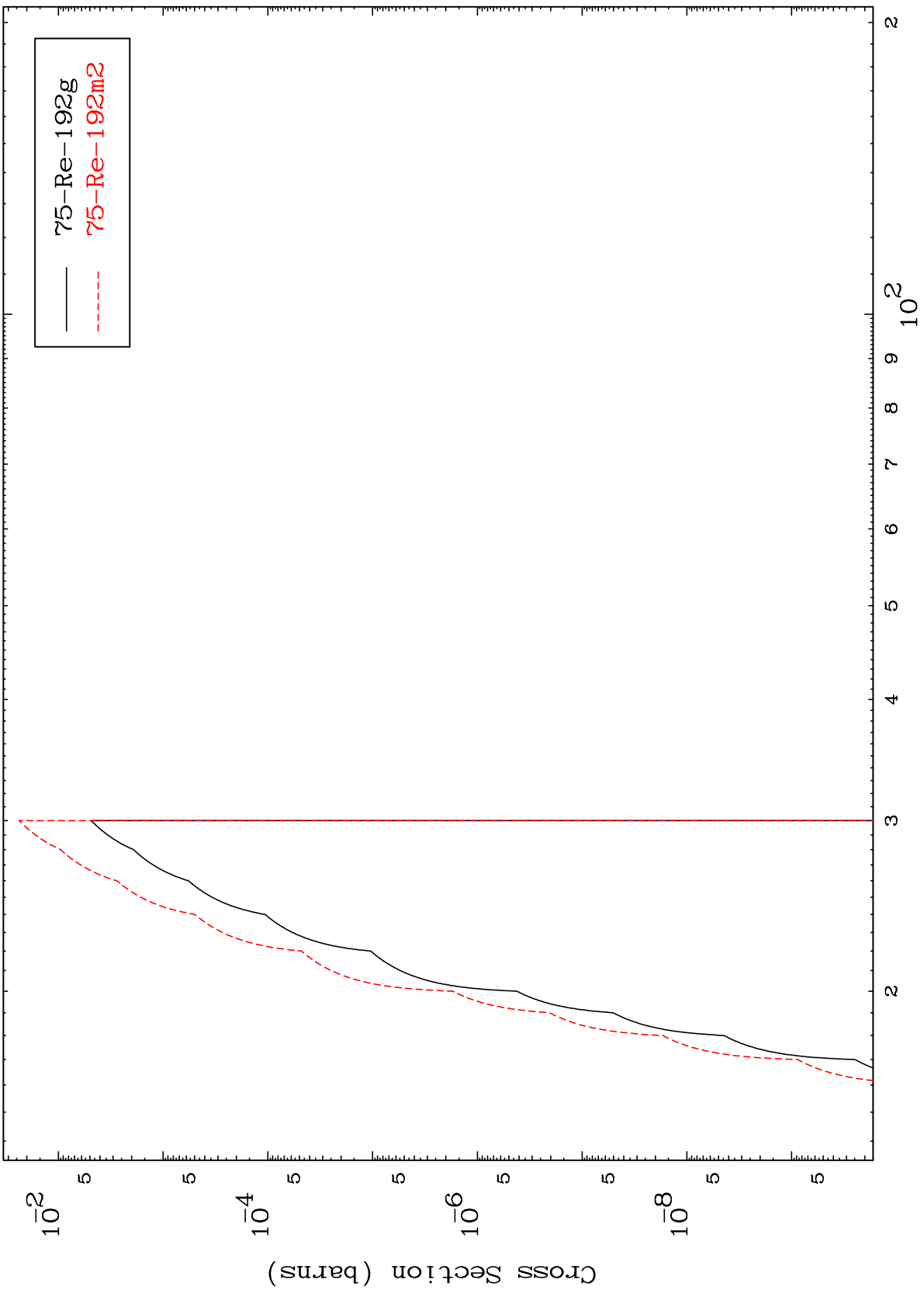
75-Re-194m

MAT 7553

(n,3n) p

⁷⁵Re-194m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

⁷⁵Re-194m

MAT 7553

(n, d)

⁷⁵Re-¹⁹⁴m

Radionuclide Production Cross Section

