

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

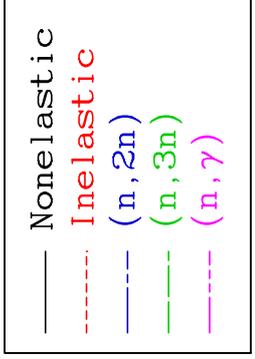
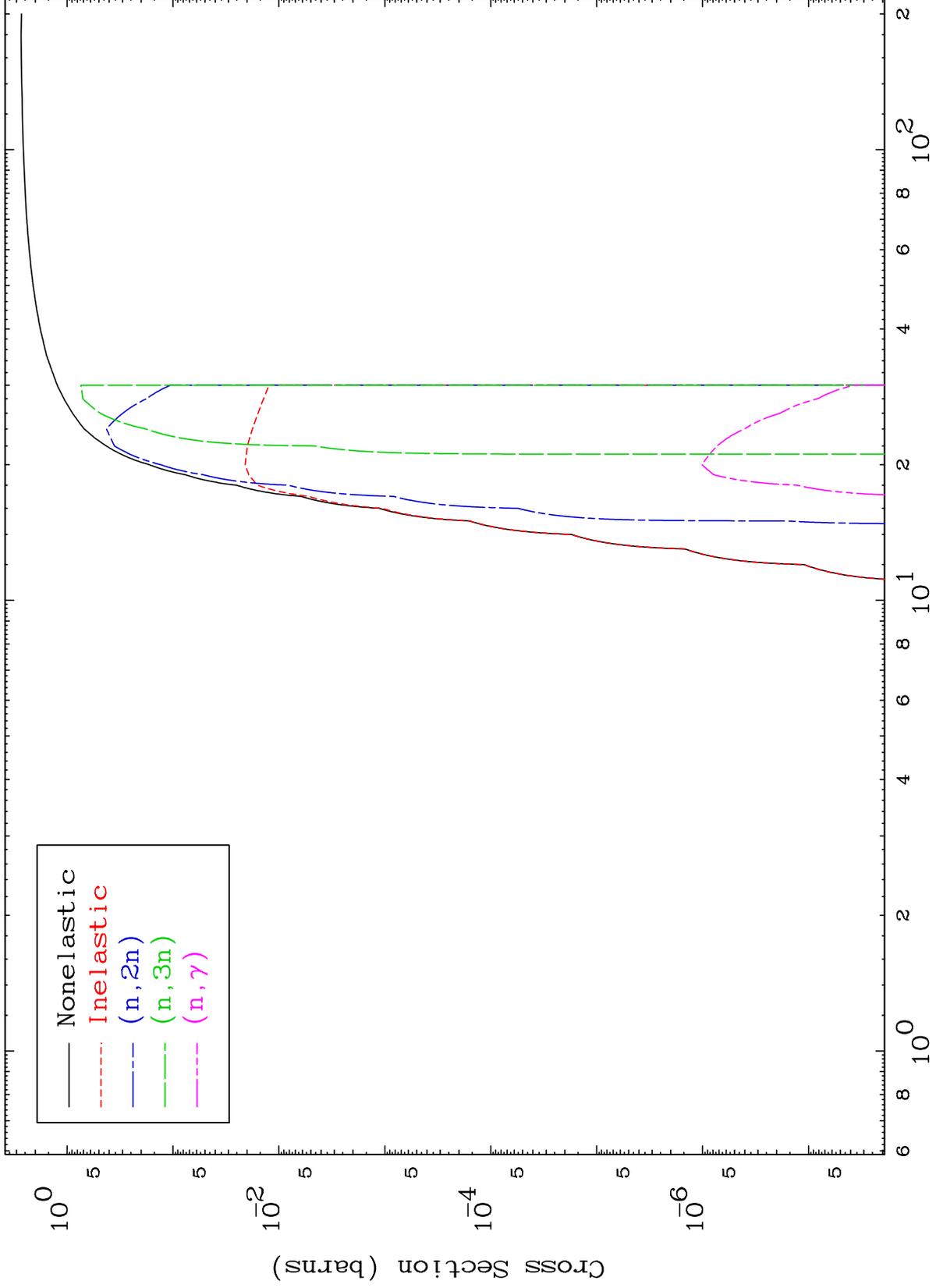
Press Mouse Button to Start

MAT 7540

α Major

75-Re-190

0 Kelvin Cross Sections



1

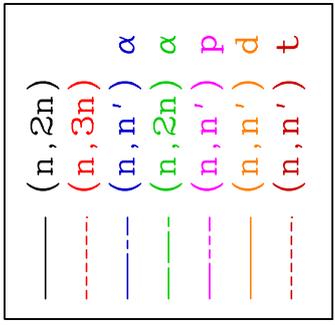
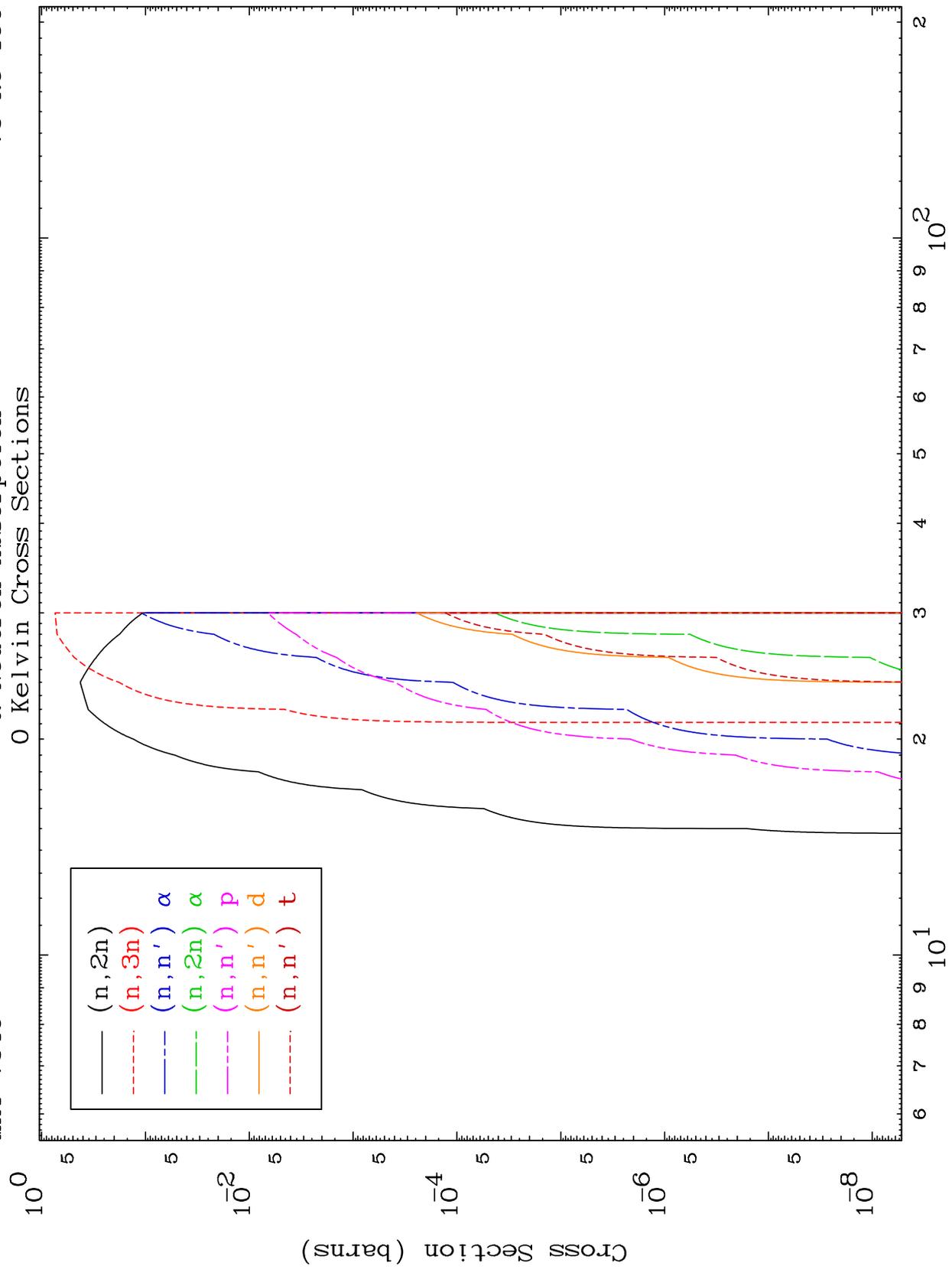
Incident Energy (MeV)

75-Re-190

MAT 7540

75-Re-190

α Neutron Absorption
0 Kelvin Cross Sections



75-Re-190

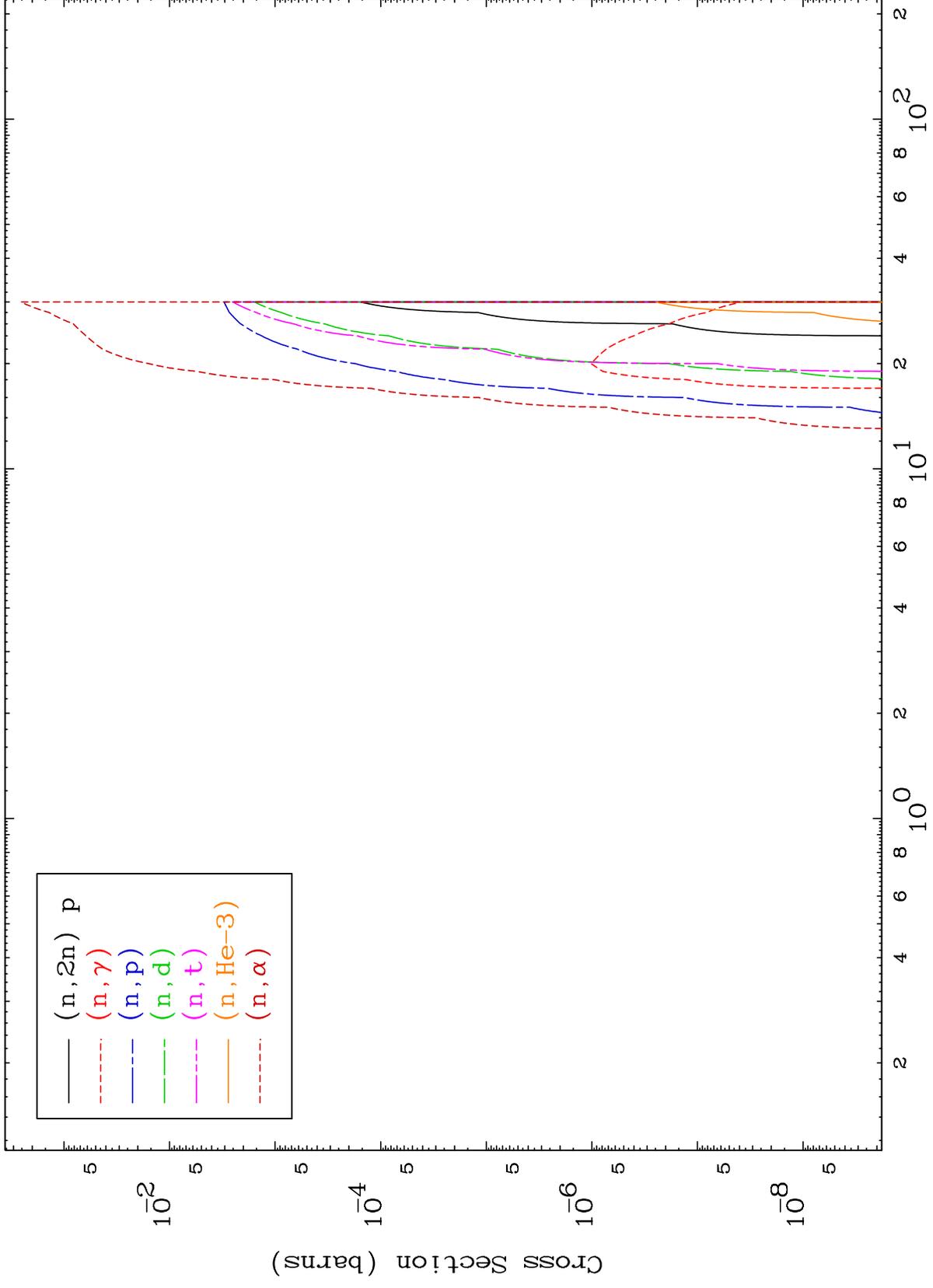
Incident Energy (MeV)

2

MAT 7540

α Neutron Absorption
0 Kelvin Cross Sections

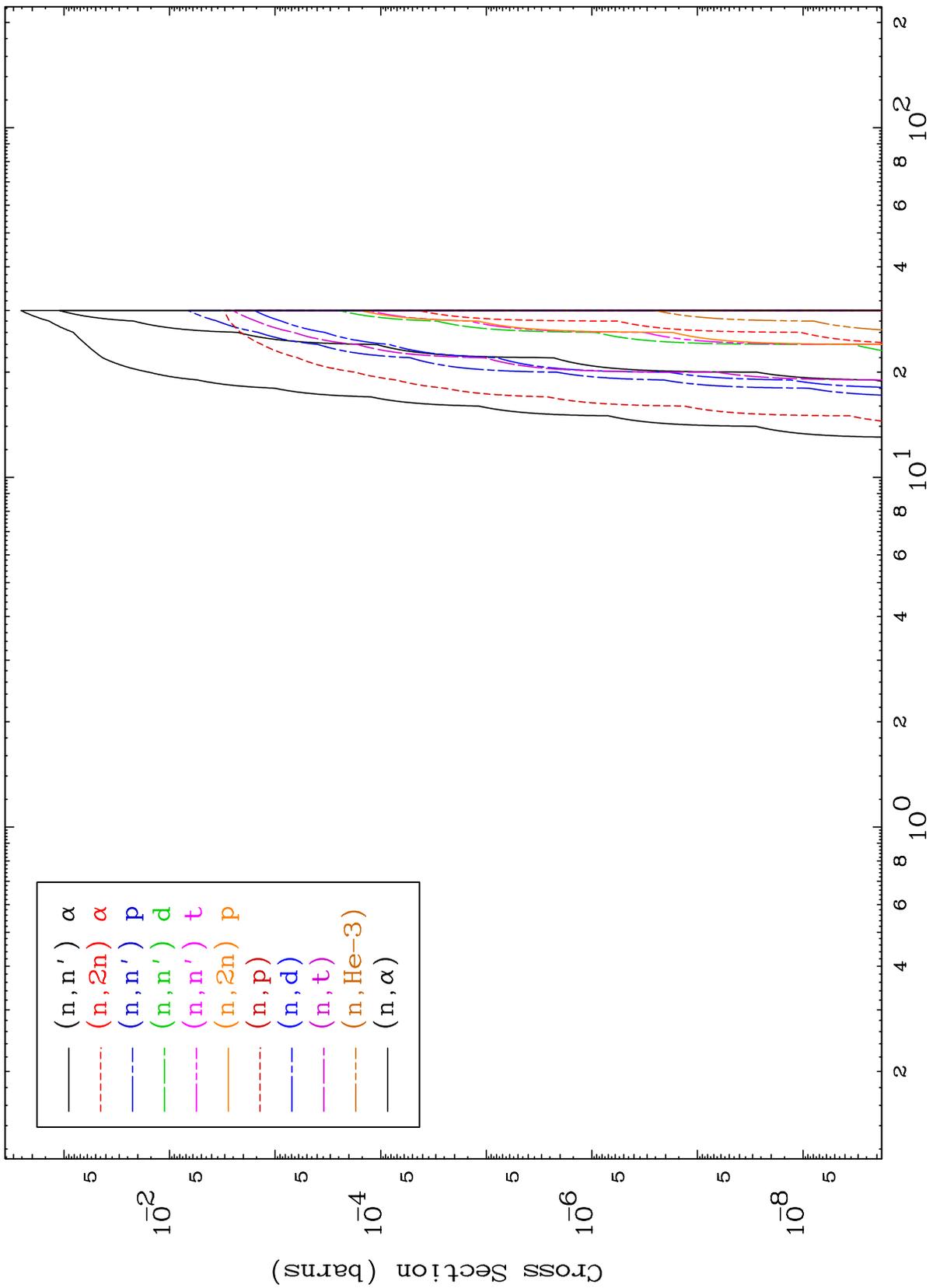
75-Re-190



MAT 7540

α Charged Particle
0 Kelvin Cross Sections

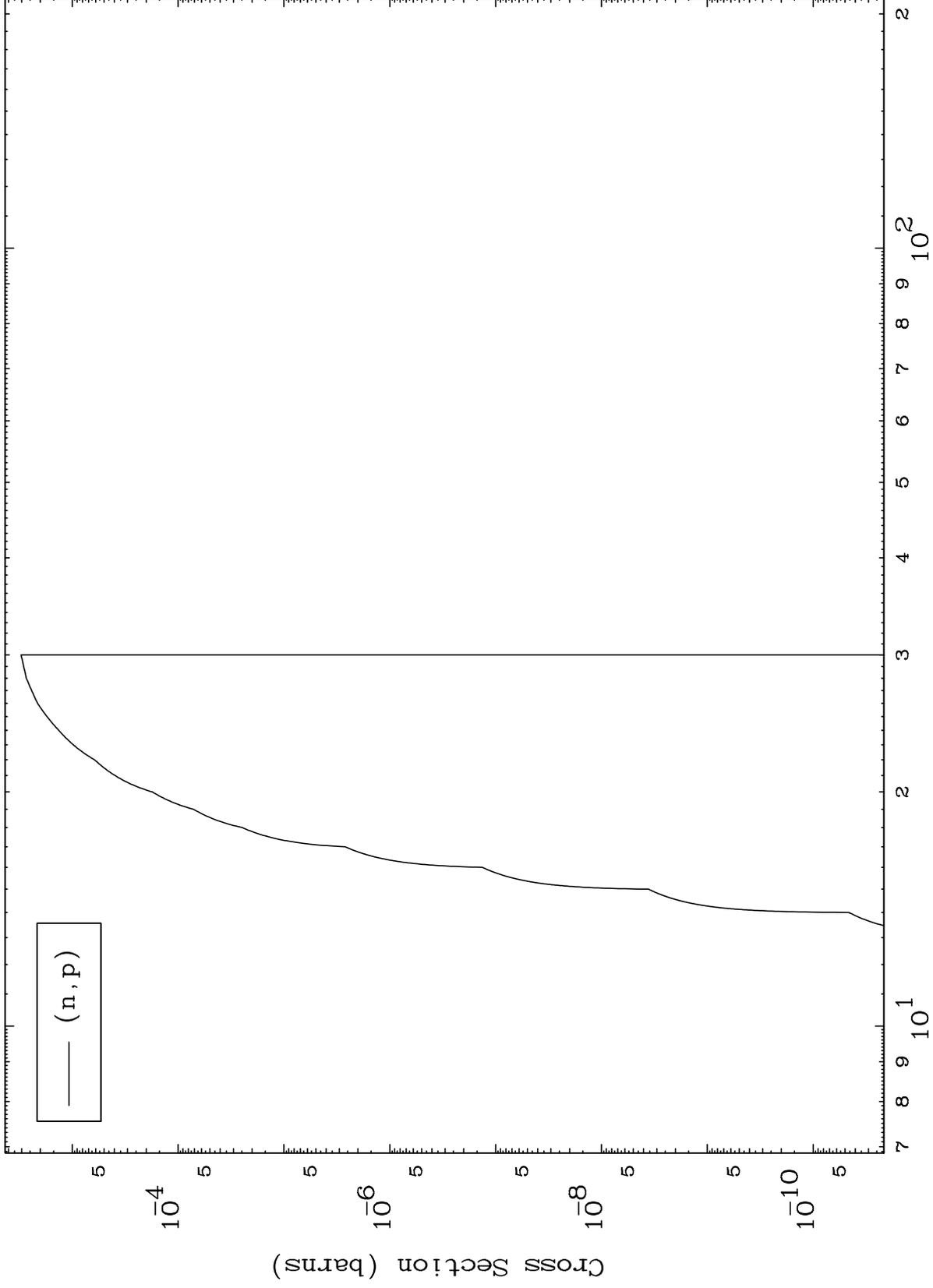
75-Re-190



MAT 7540

(α, p) Levels
0 Kelvin Cross Sections

75-Re-190



5

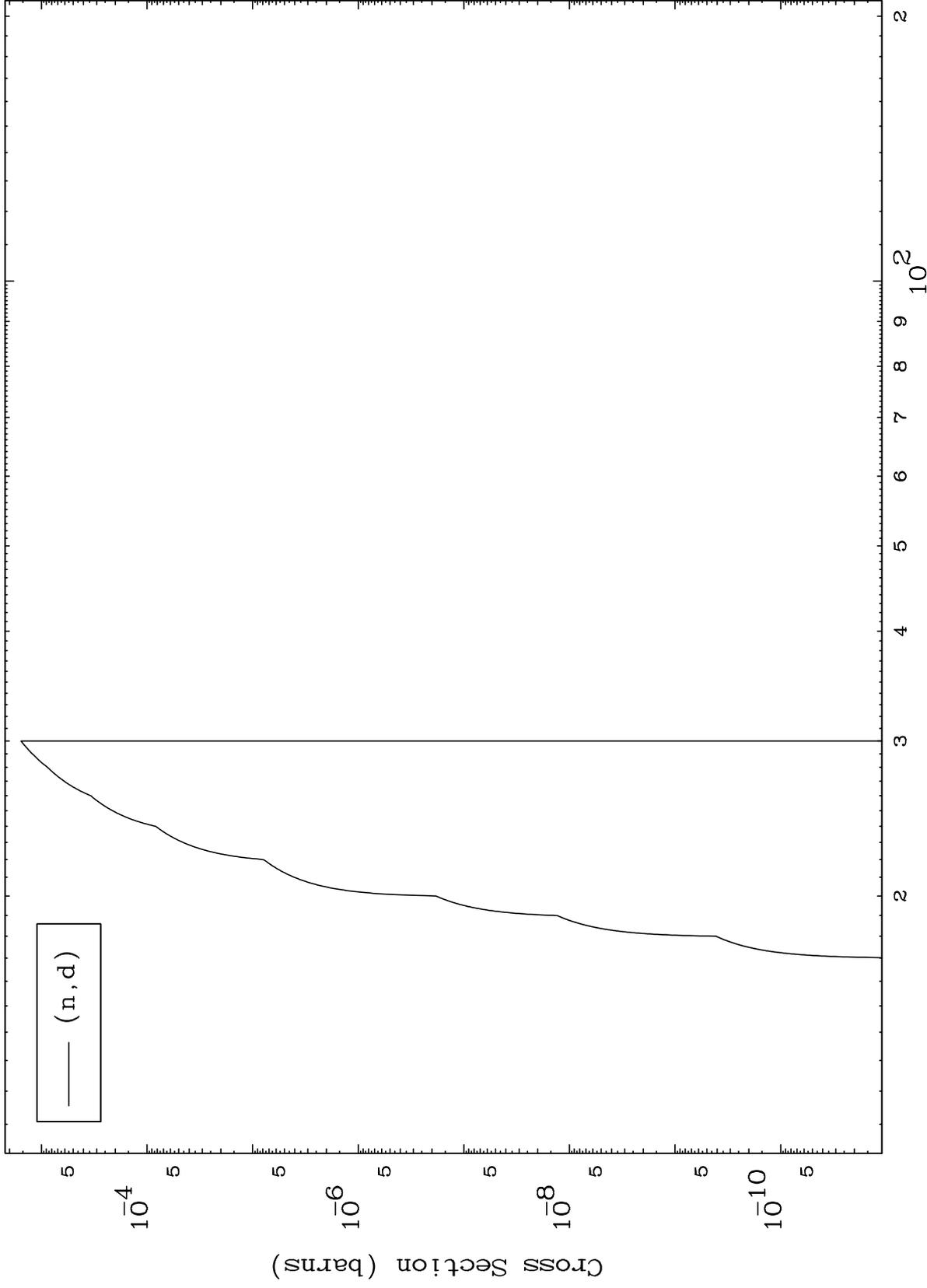
Incident Energy (MeV)

75-Re-190

MAT 7540

(α, d) Levels
0 Kelvin Cross Sections

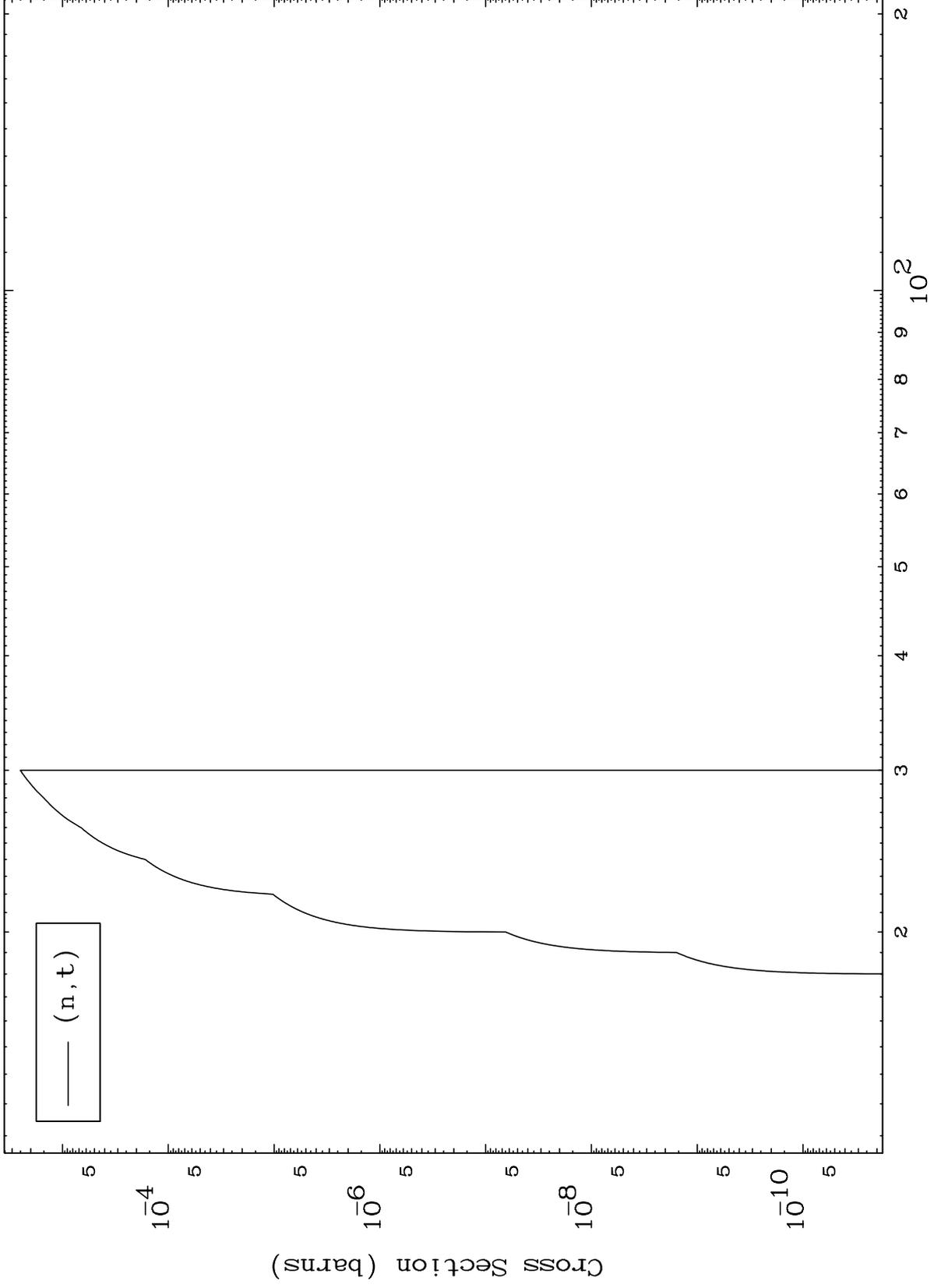
75-Re-190

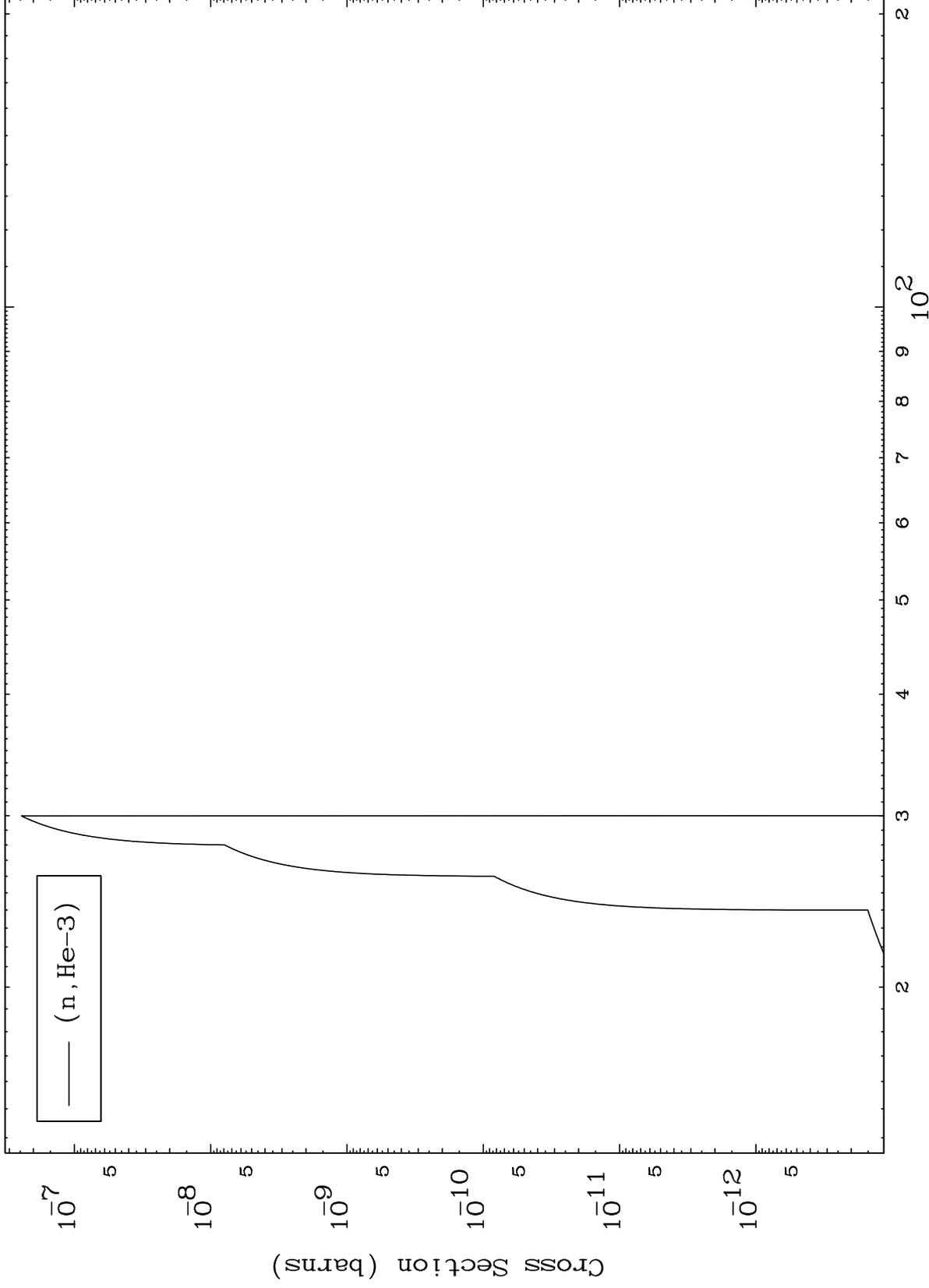


Incident Energy (MeV)

75-Re-190

6



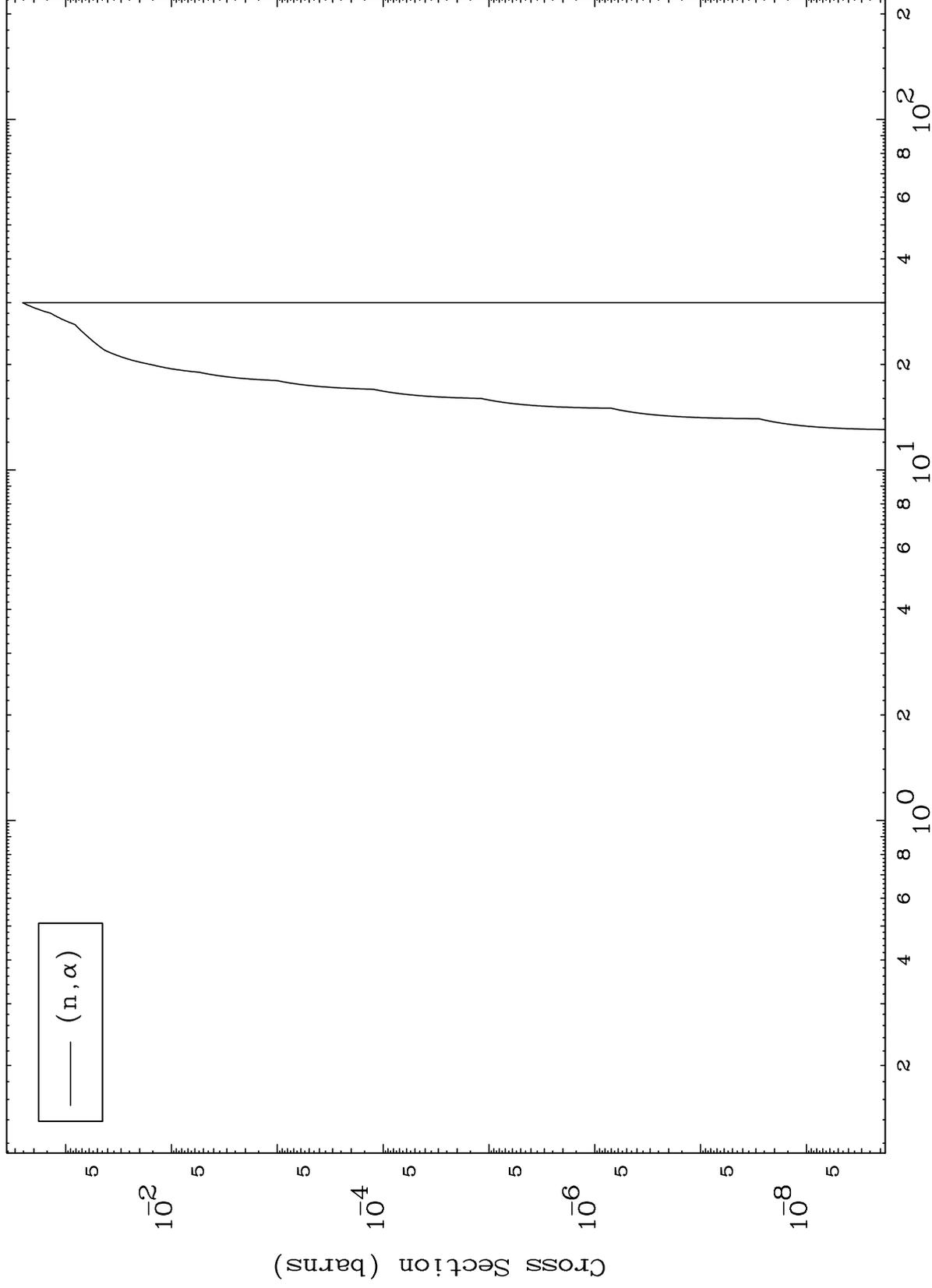


MAT 7540

(α, α) Levels

75-Re-190

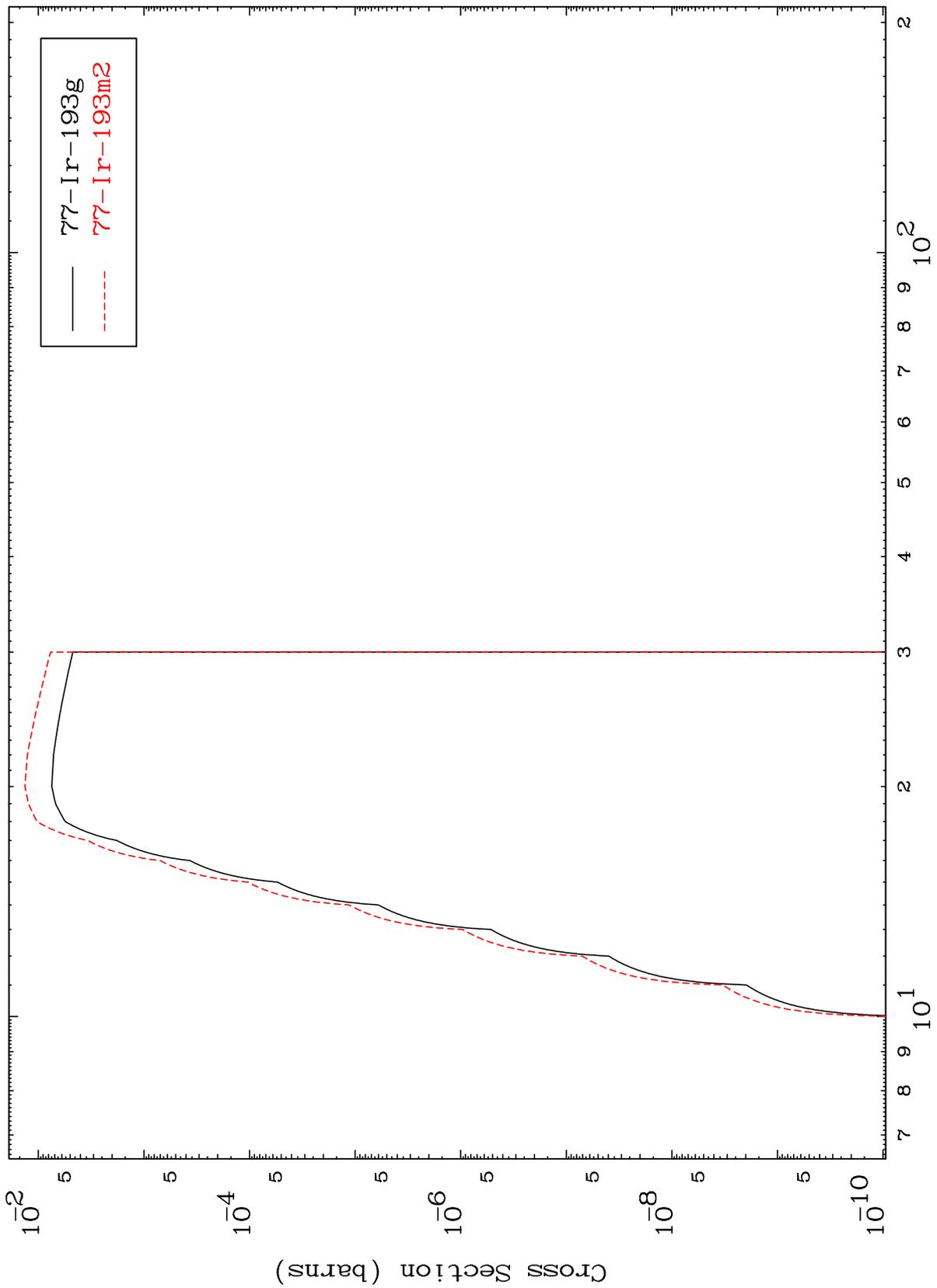
0 Kelvin Cross Sections



MAT 7540

75-Re-190

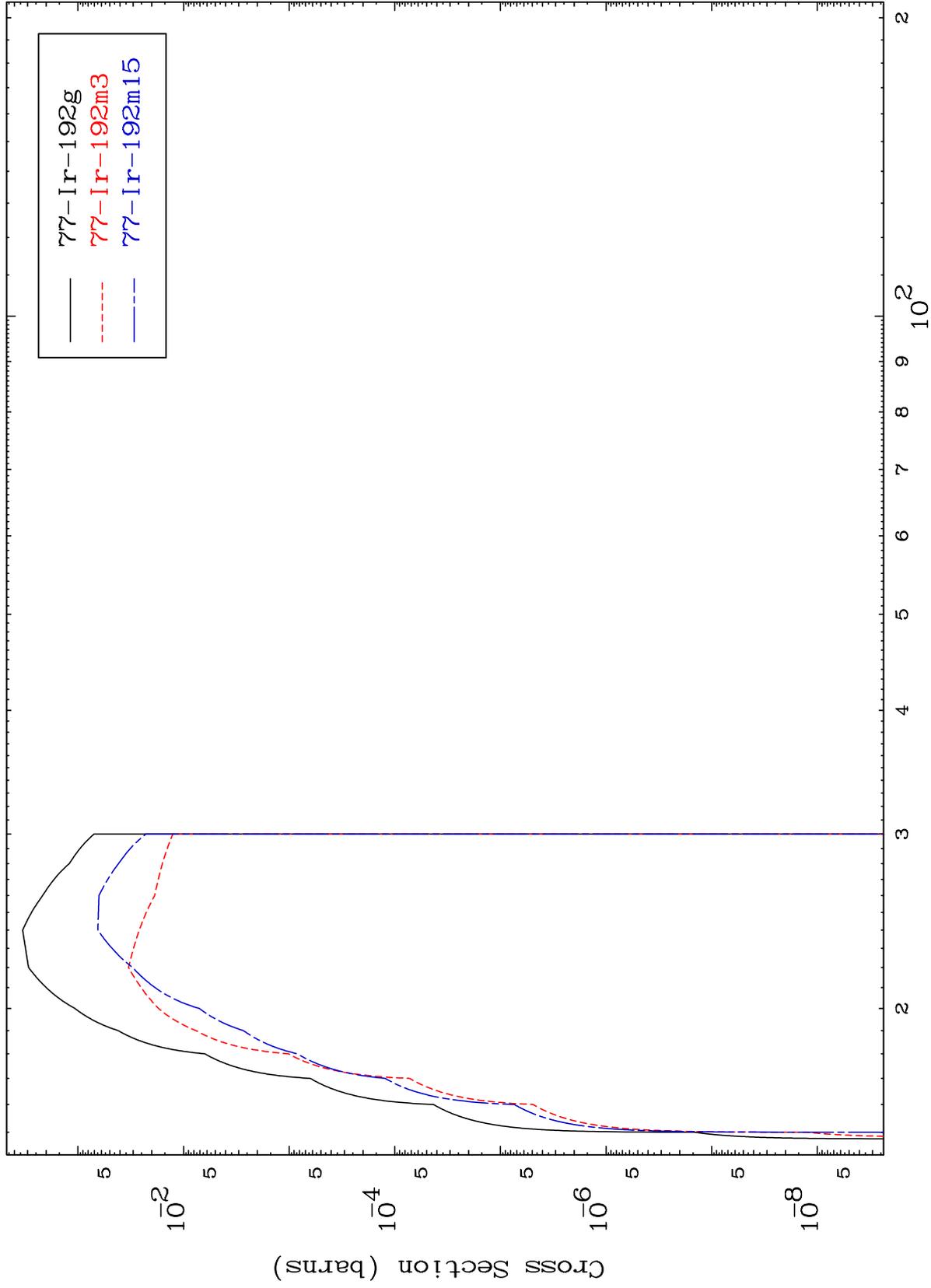
Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

75-Re-190

Radionuclide Production Cross Section

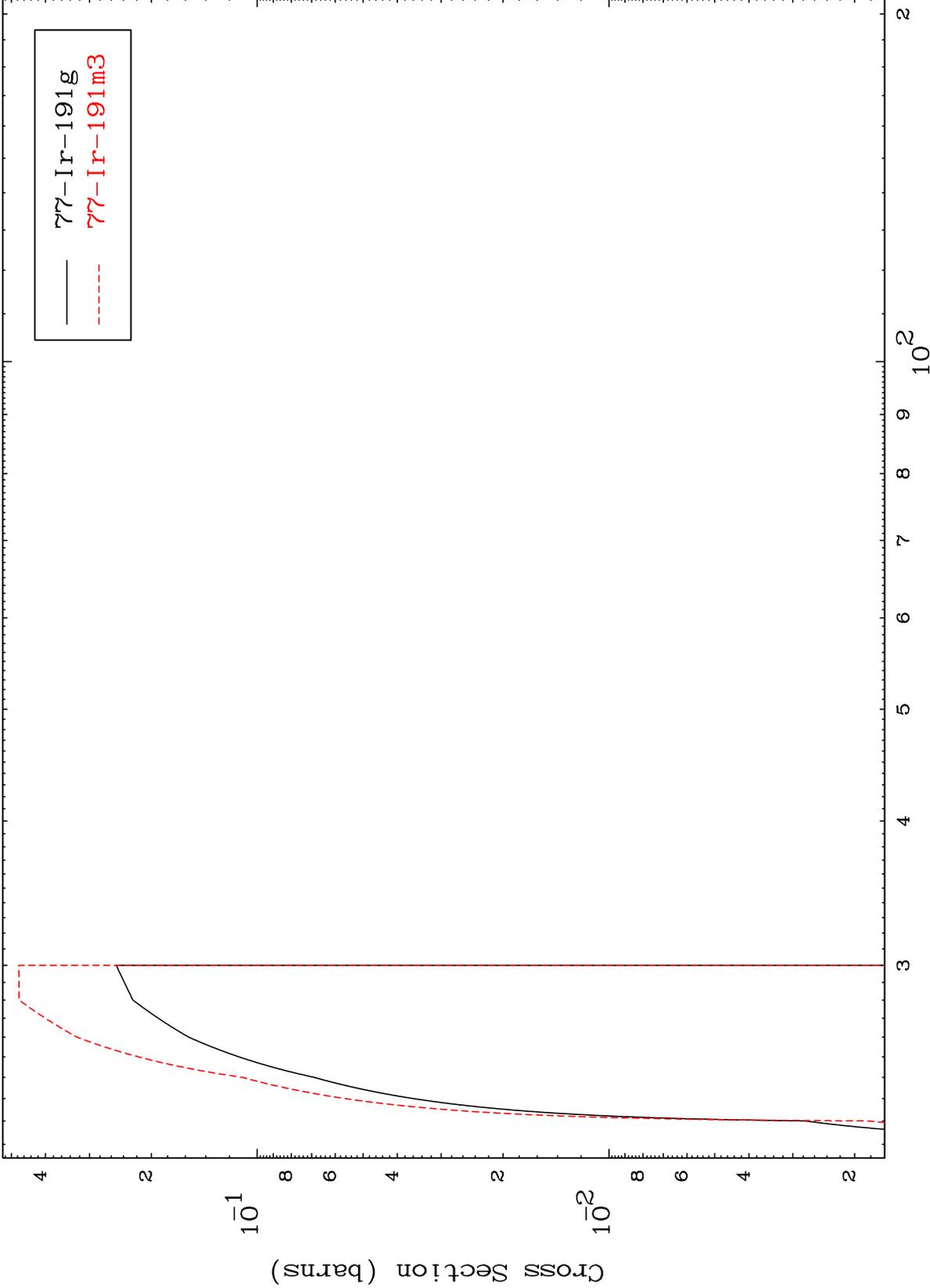


MAT 7540

(n,3n)

75-Re-190

Radionuclide Production Cross Section



77-Ir-191g
77-Ir-191m3

12

Incident Energy (MeV)

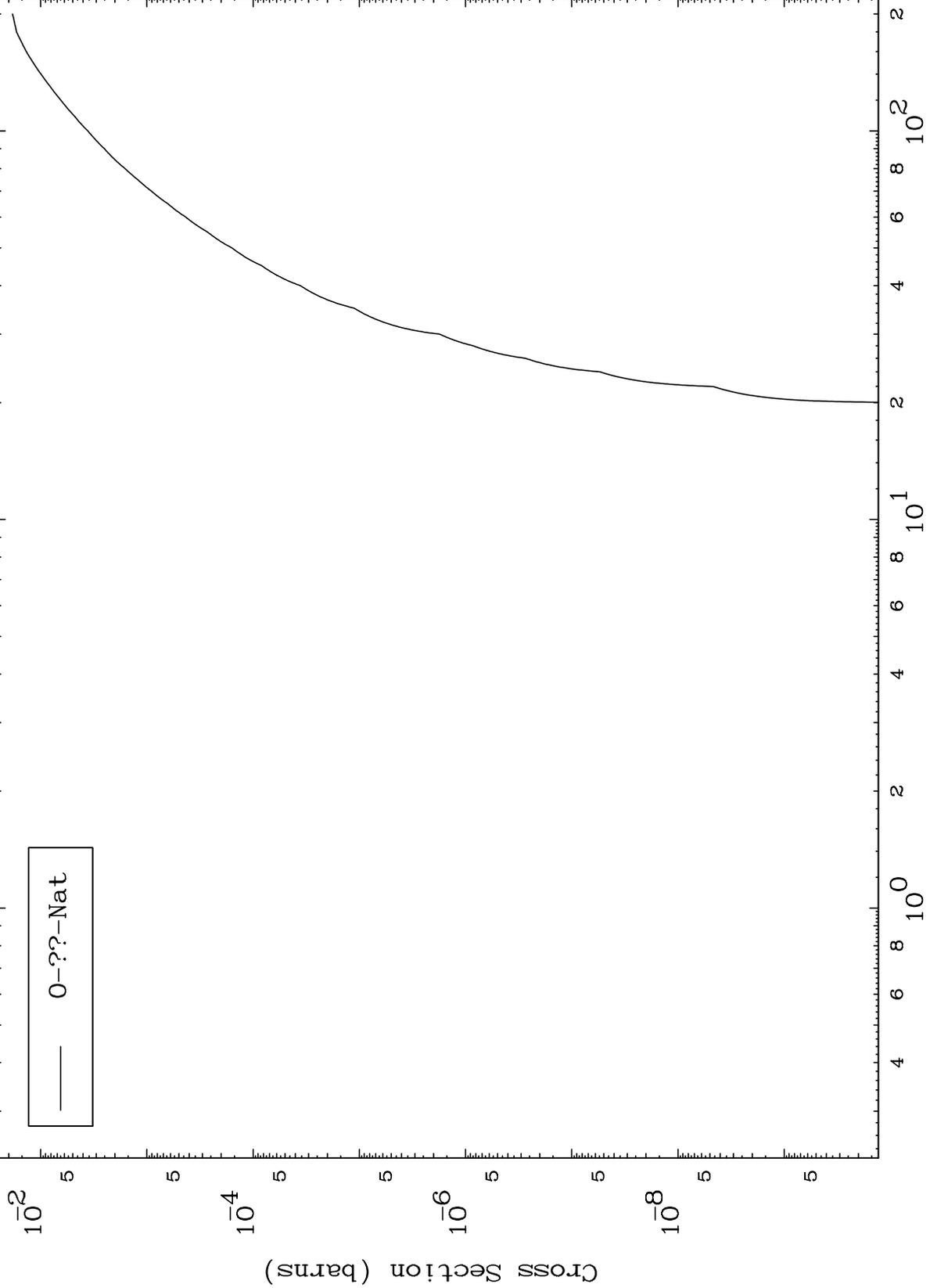
75-Re-190

MAT 7540

Fission

75-Re-190

Radionuclide Production Cross Section

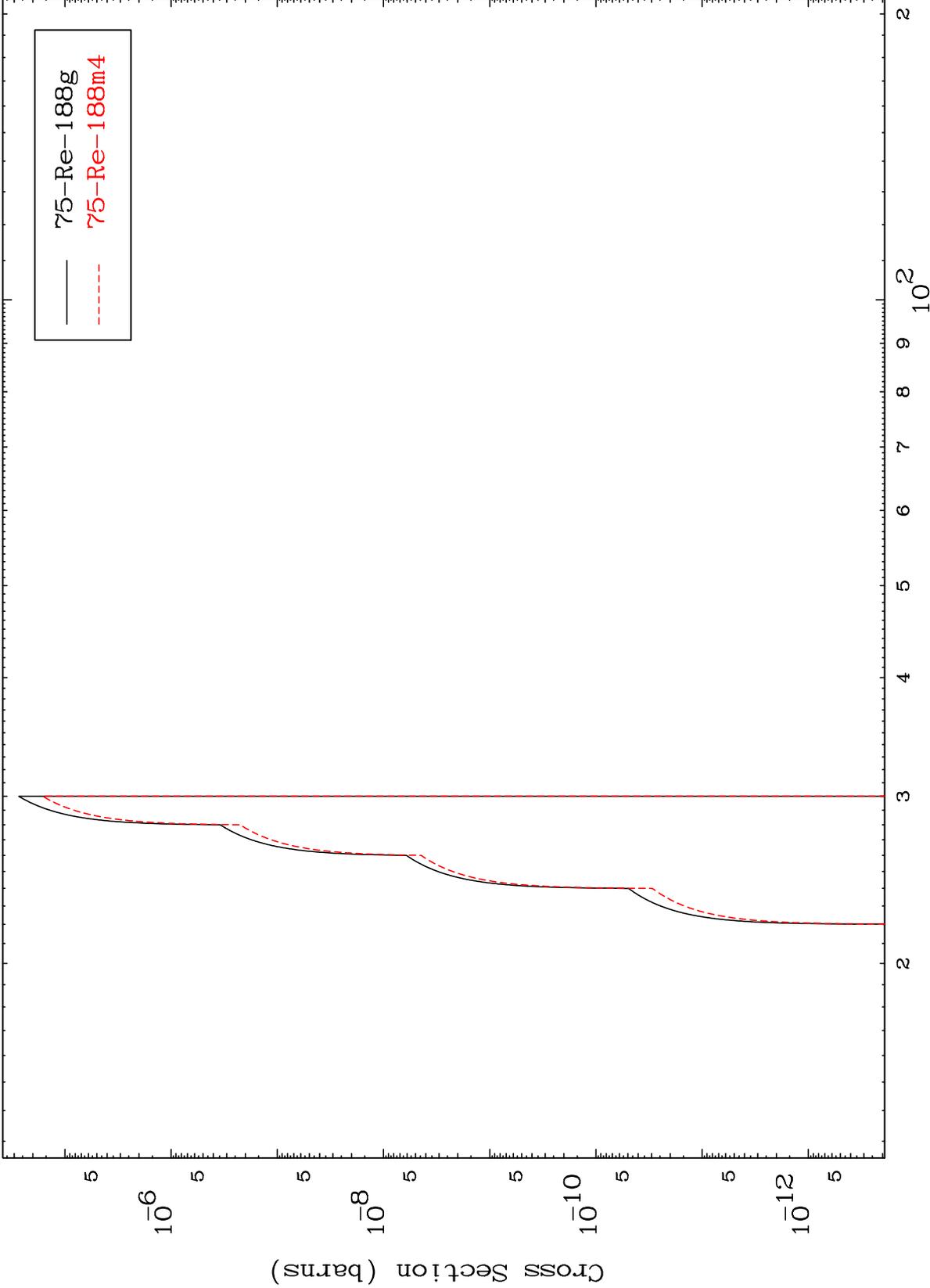


MAT 7540

(n,2n) α

75-Re-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

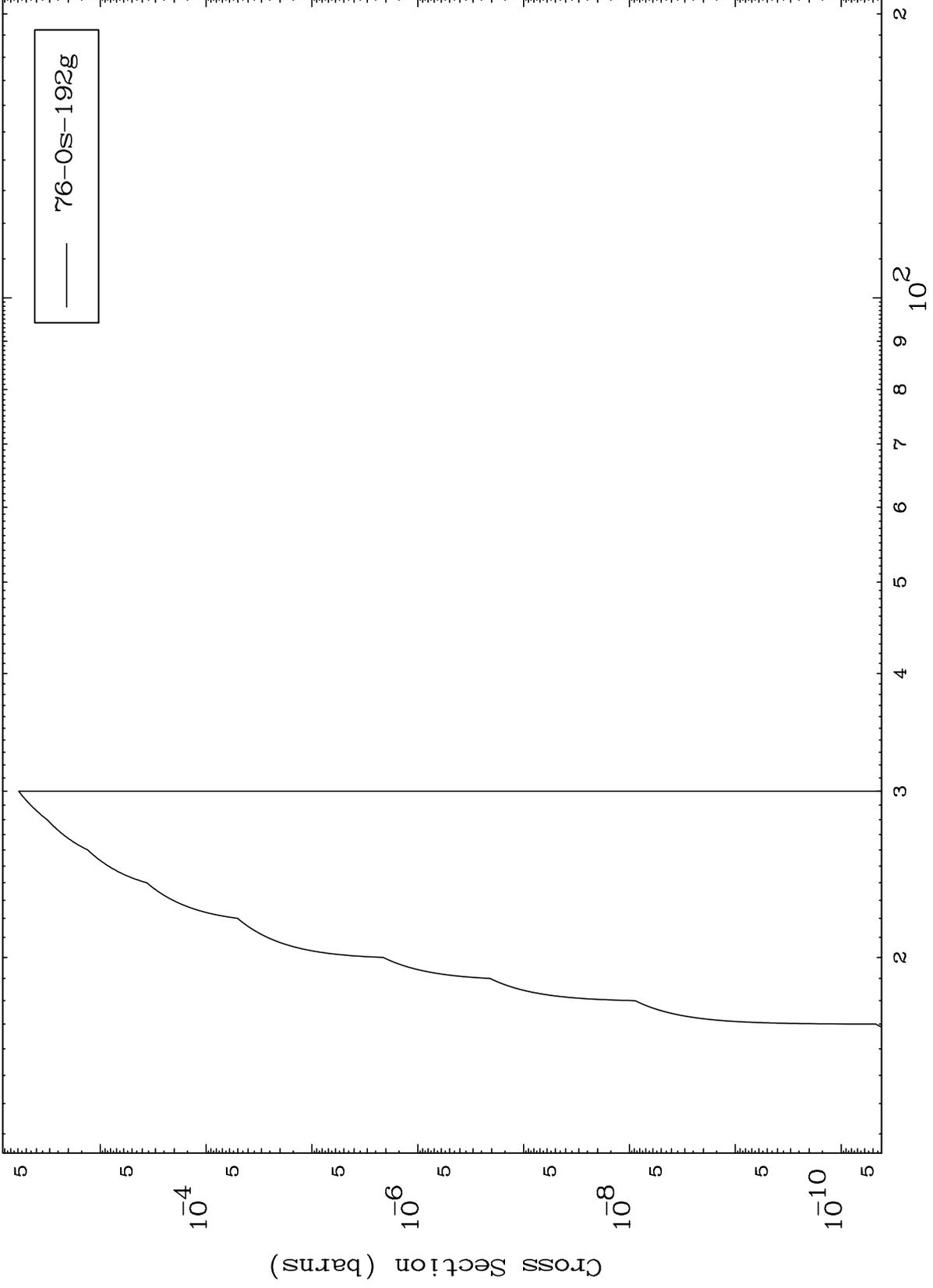
75-Re-190

MAT 7540

(n,n') p

75-Re-190

Radionuclide Production Cross Section



15

Incident Energy (MeV)

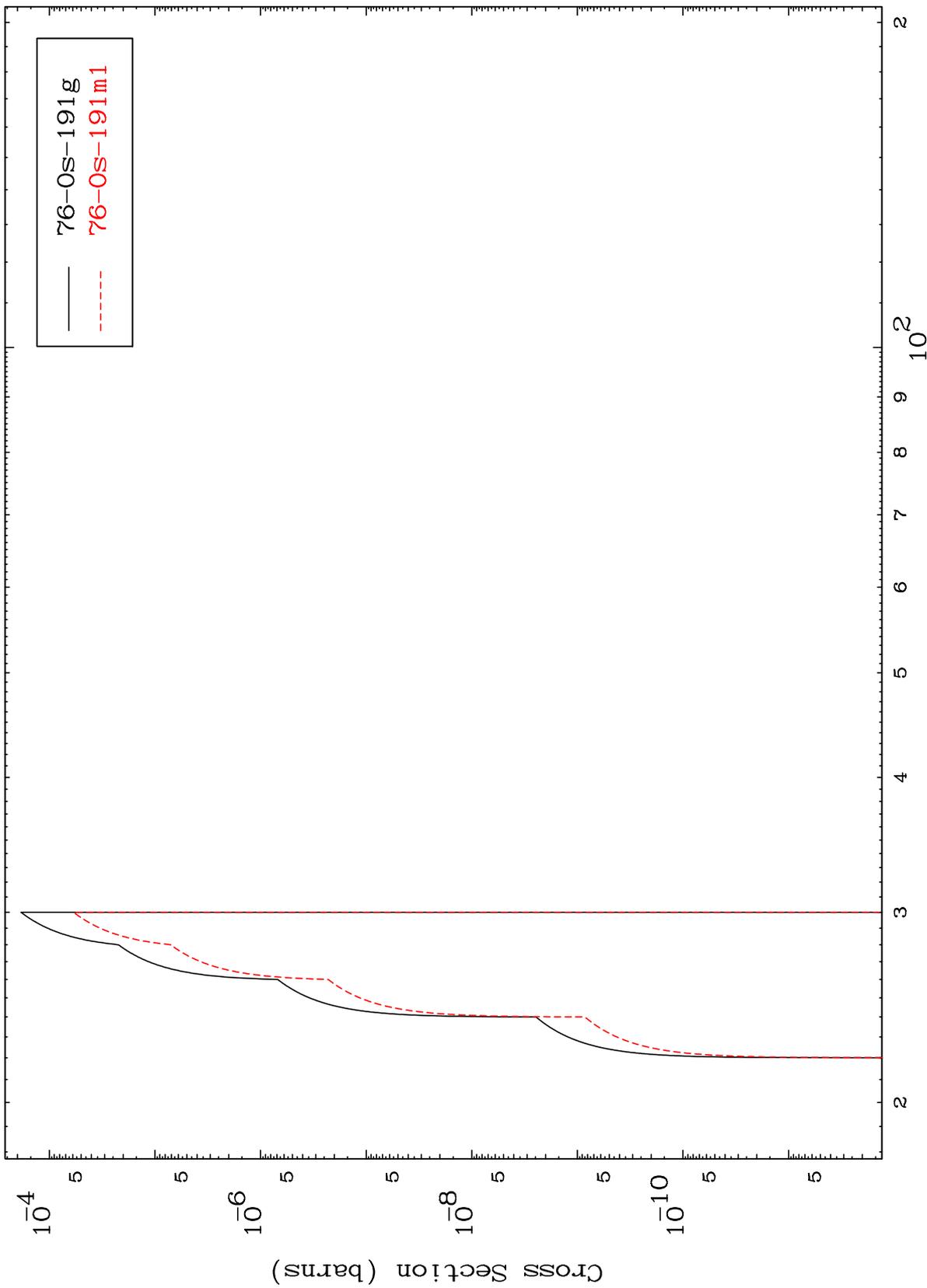
75-Re-190

MAT 7540

(n,n') d

75-Re-190

Radionuclide Production Cross Section



16

Incident Energy (MeV)

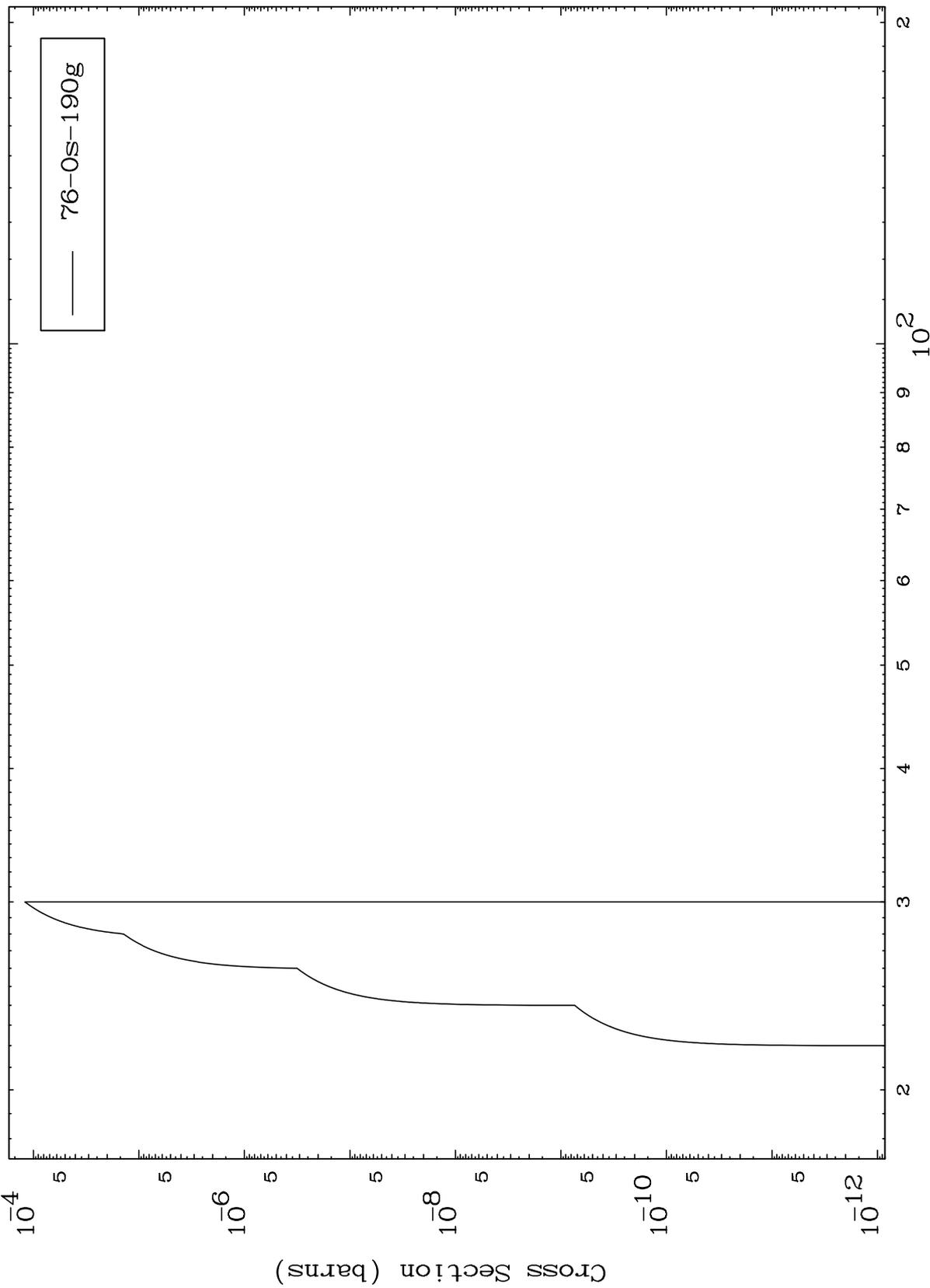
75-Re-190

MAT 7540

(n,n') t

75-Re-190

Radionuclide Production Cross Section



17

Incident Energy (MeV)

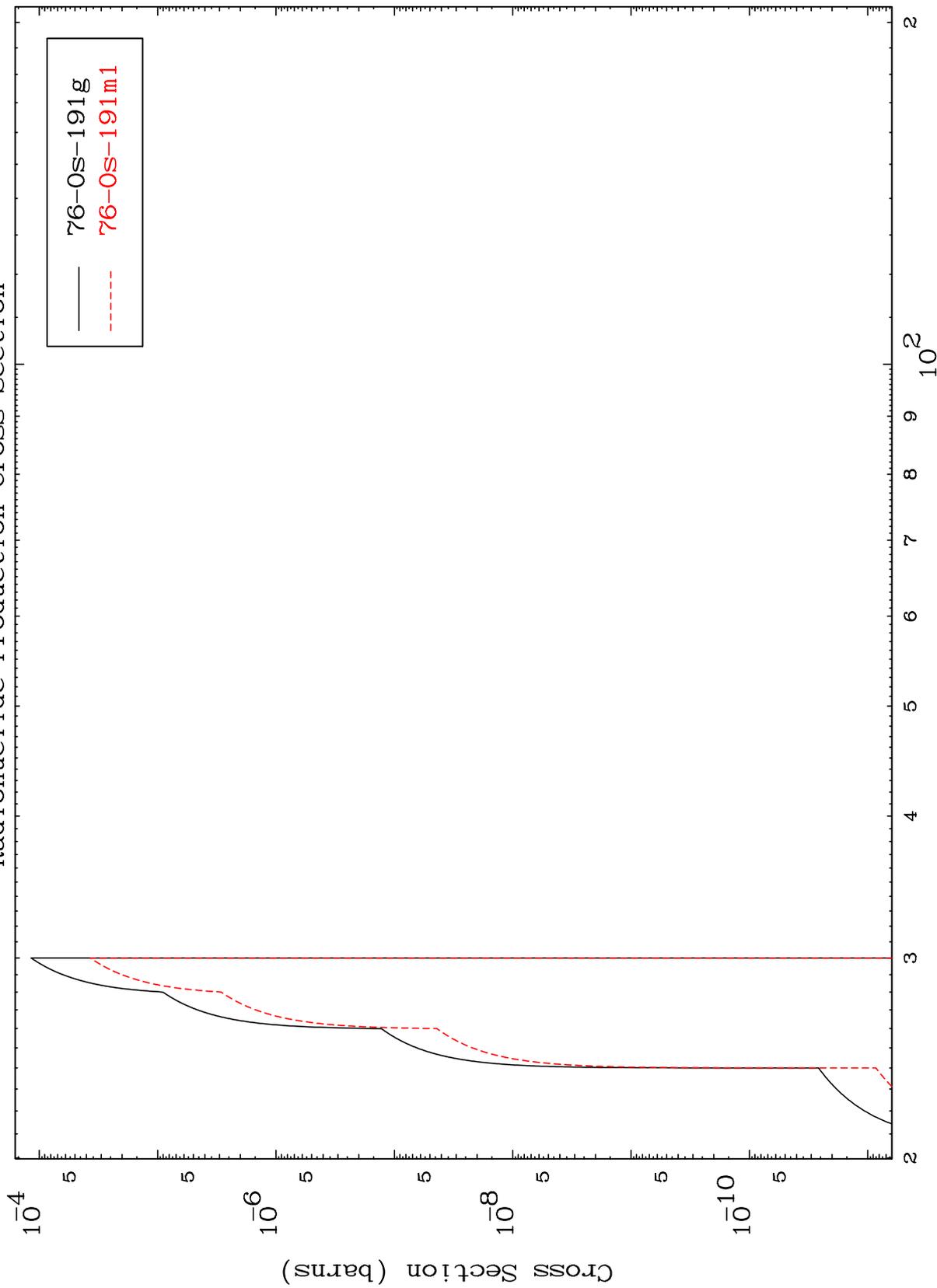
75-Re-190

MAT 7540

(n,2n) p

75-Re-190

Radionuclide Production Cross Section



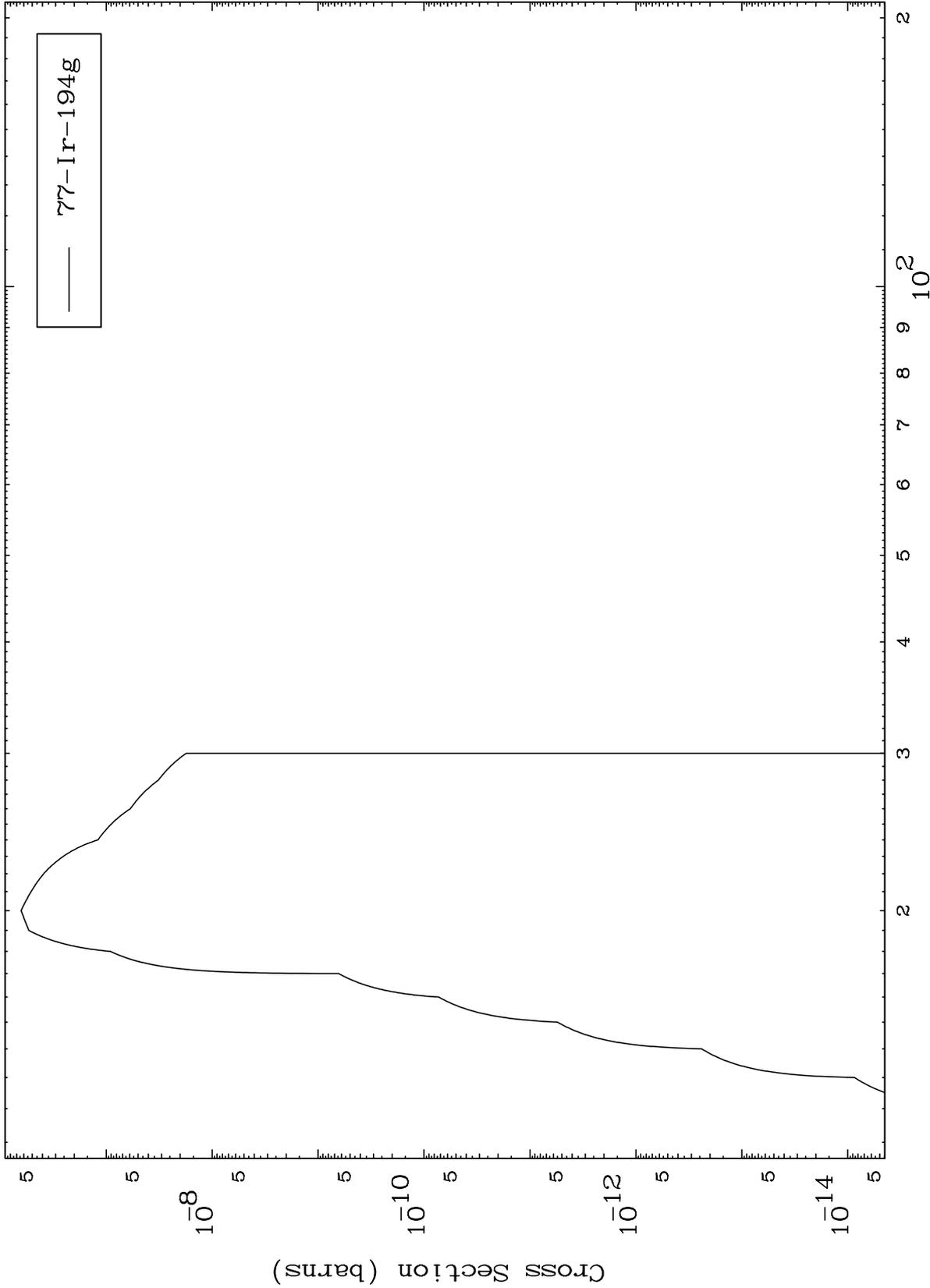
76-Os-191g
76-Os-191m1

18

Incident Energy (MeV)

75-Re-190

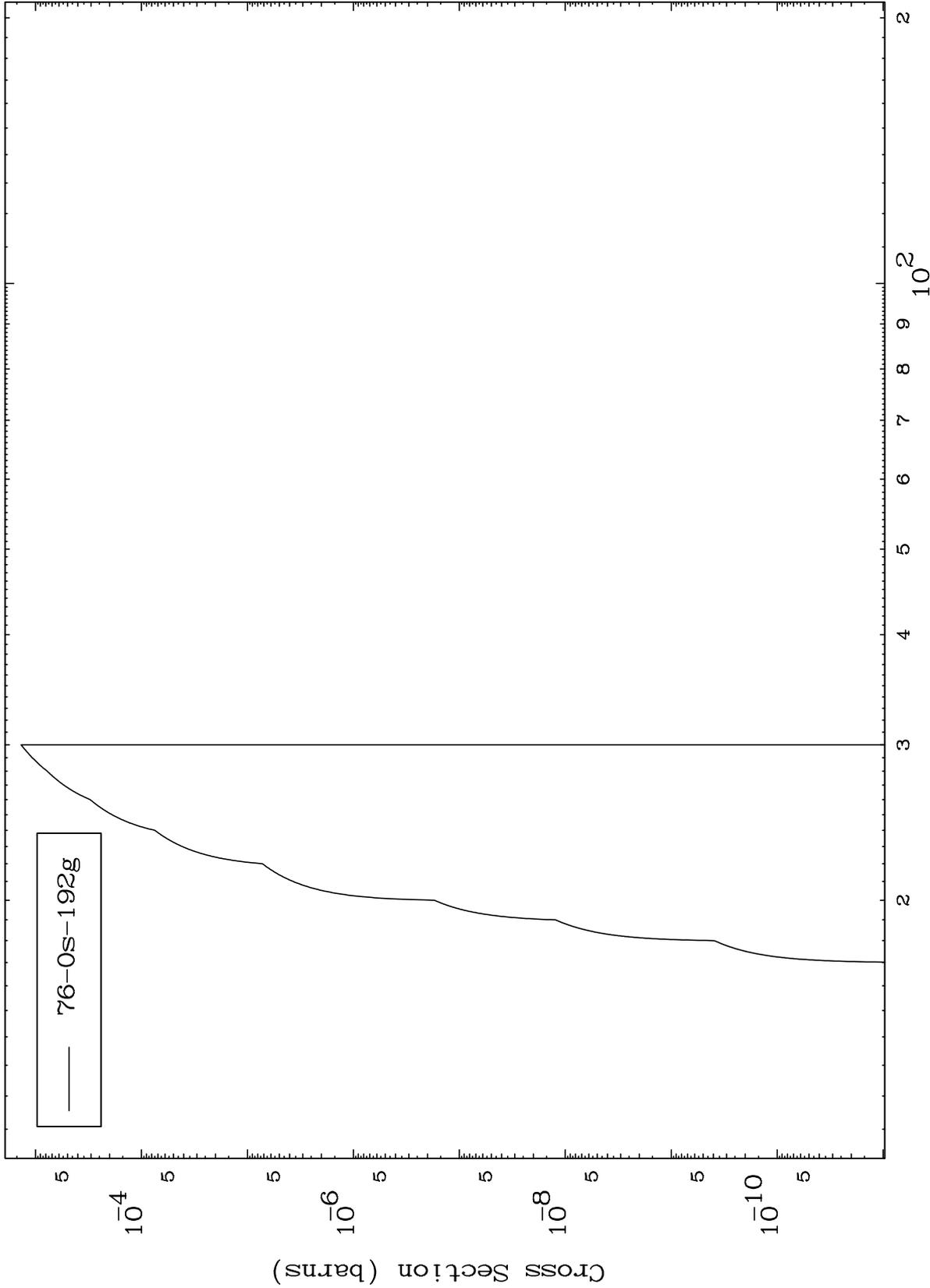
(n, γ)
Radionuclide Production Cross Section



MAT 7540

75-Re-190

(n,d)
Radionuclide Production Cross Section

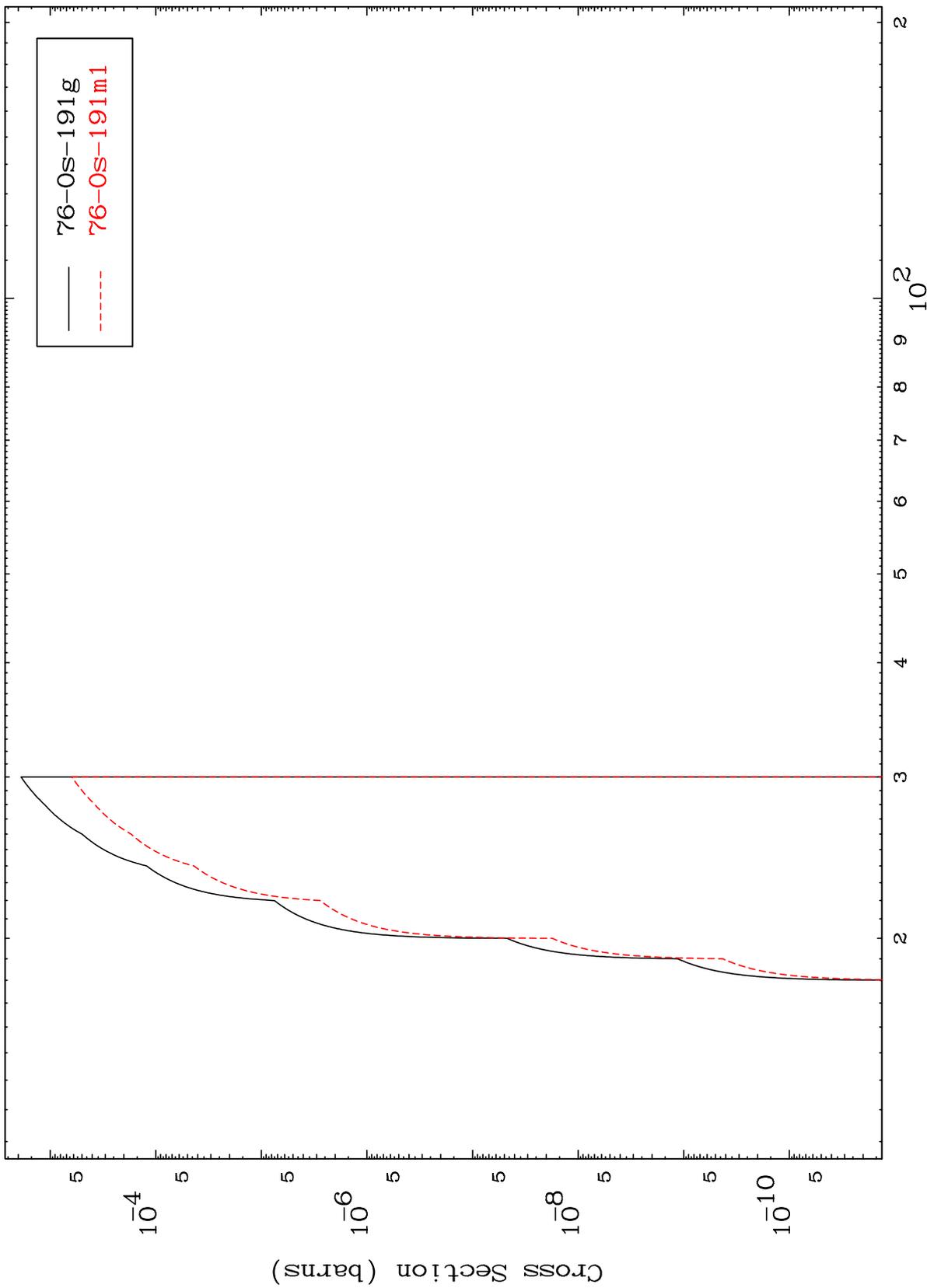


75-Re-190

Incident Energy (MeV)

20

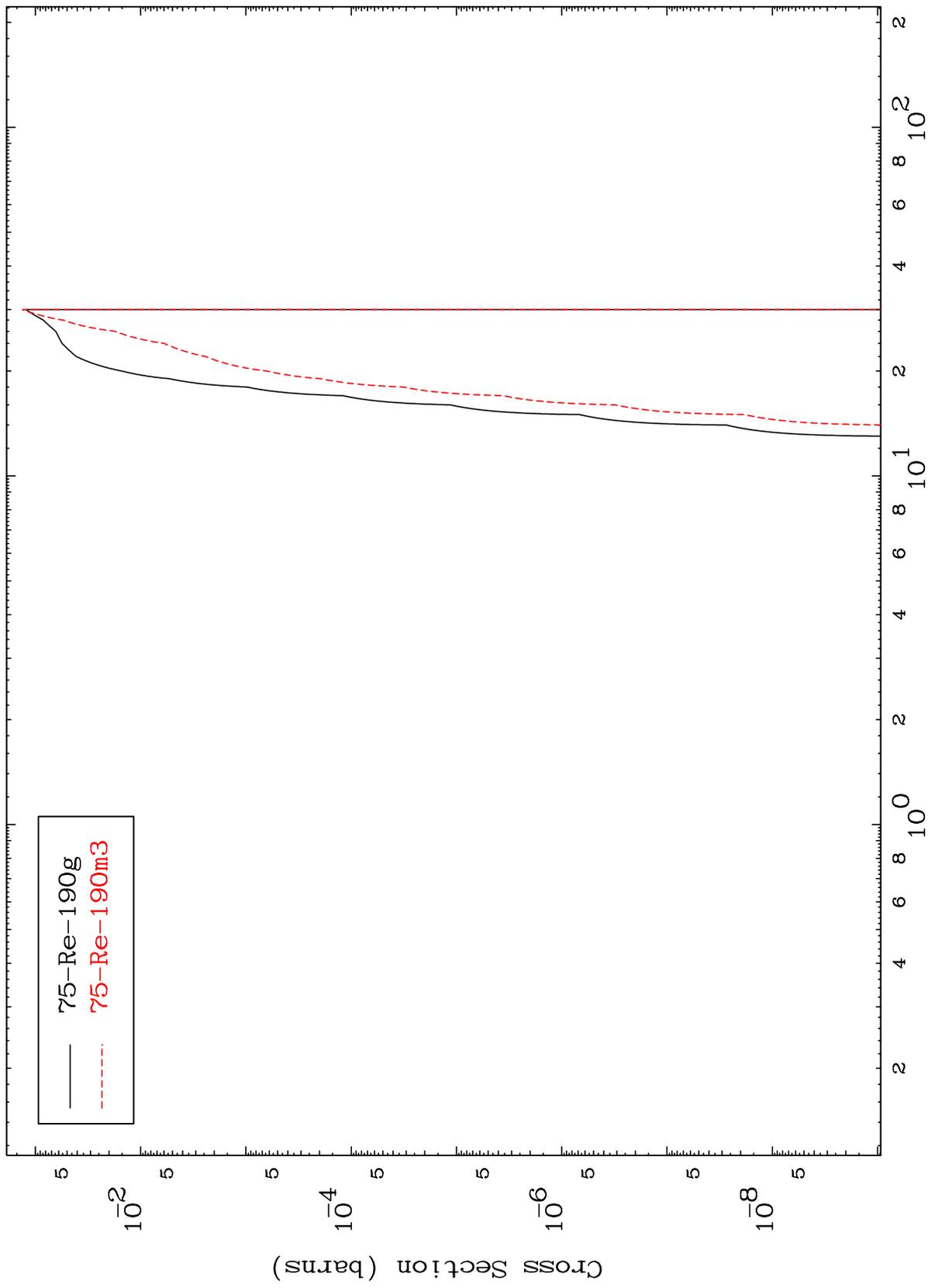
(n, t)
Radionuclide Production Cross Section



MAT 7540

75-Re-190

Radionuclide Production Cross Section



Incident Energy (MeV)

75-Re-190