

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

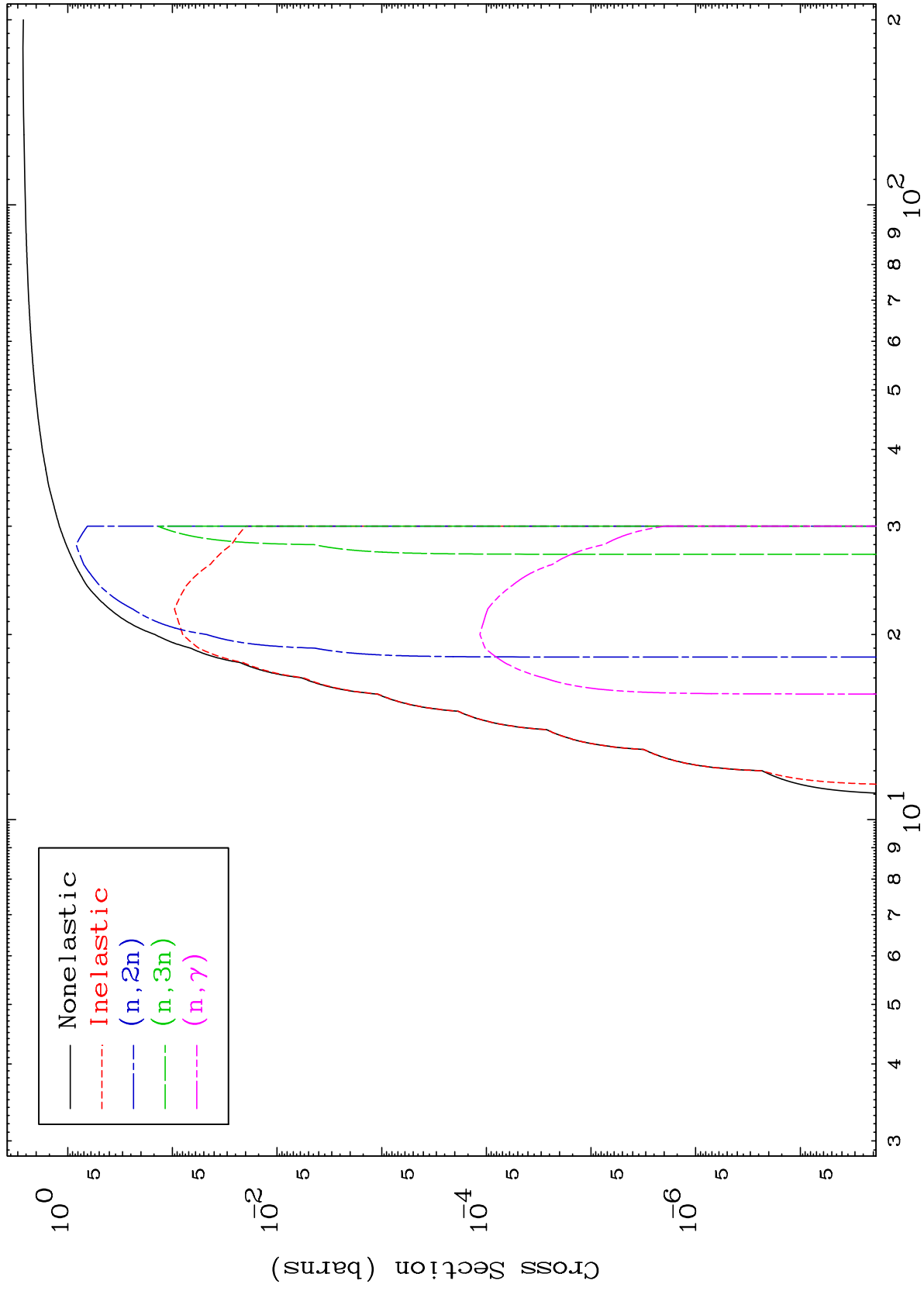
Press Mouse Button to Start

MAT 7525

0 Kelvin

α Major Cross Sections

75-Re-185



1

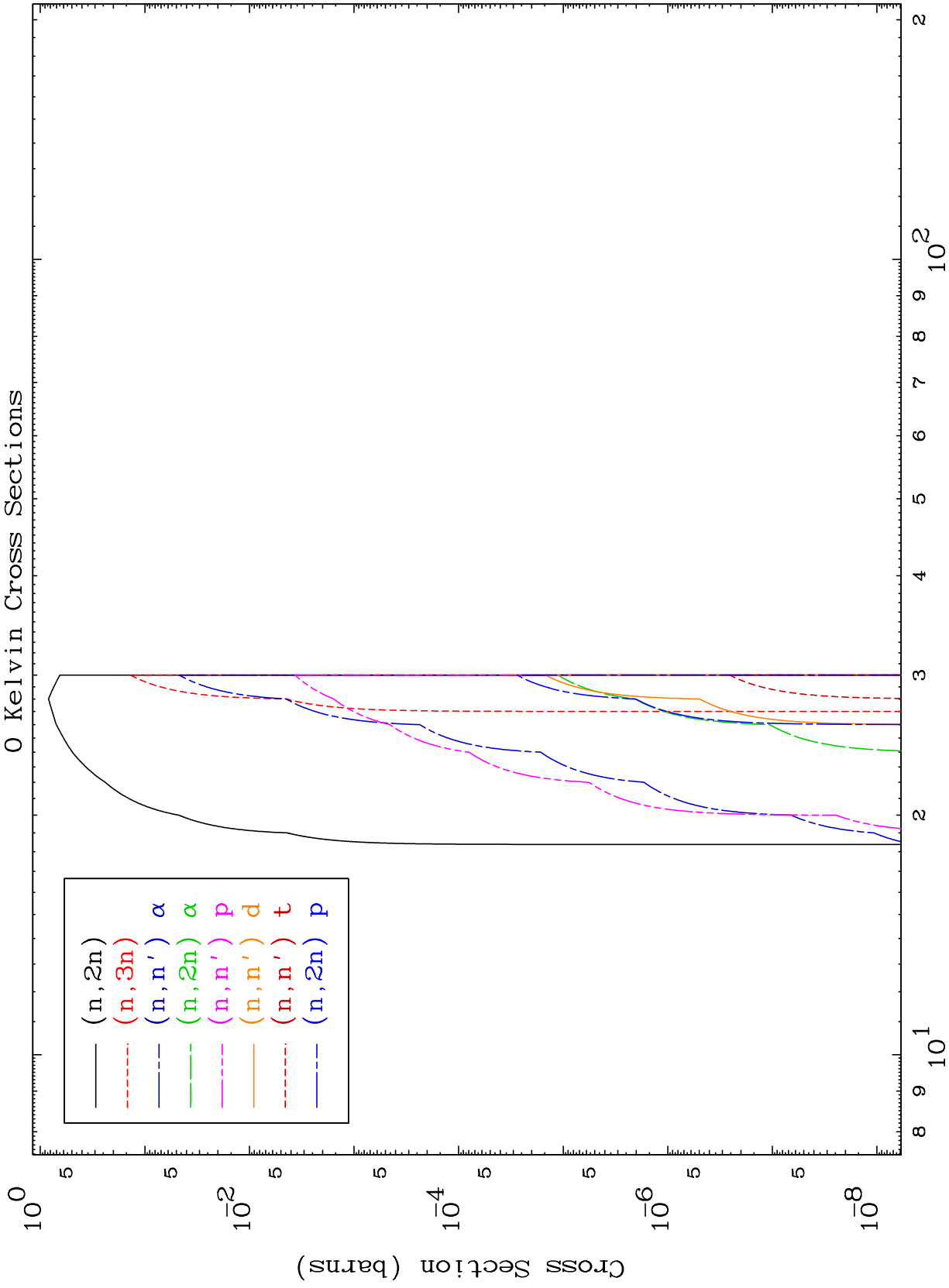
Incident Energy (MeV)

75-Re-185

MAT 7525

α Neutron Absorption
0 Kelvin Cross Sections

75-Re-185



2

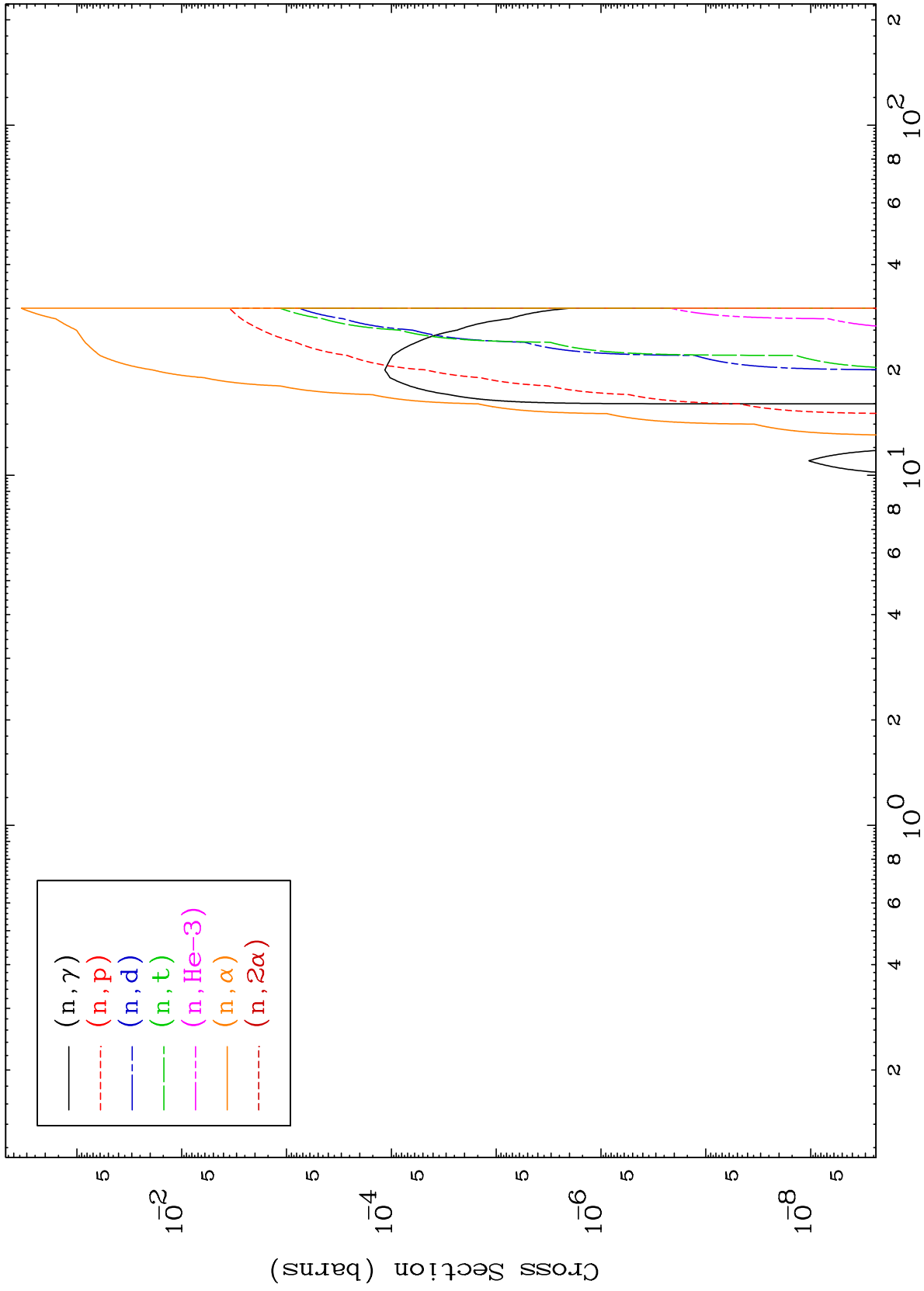
Incident Energy (MeV)

75-Re-185

MAT 7525

α Neutron Absorption
0 Kelvin Cross Sections

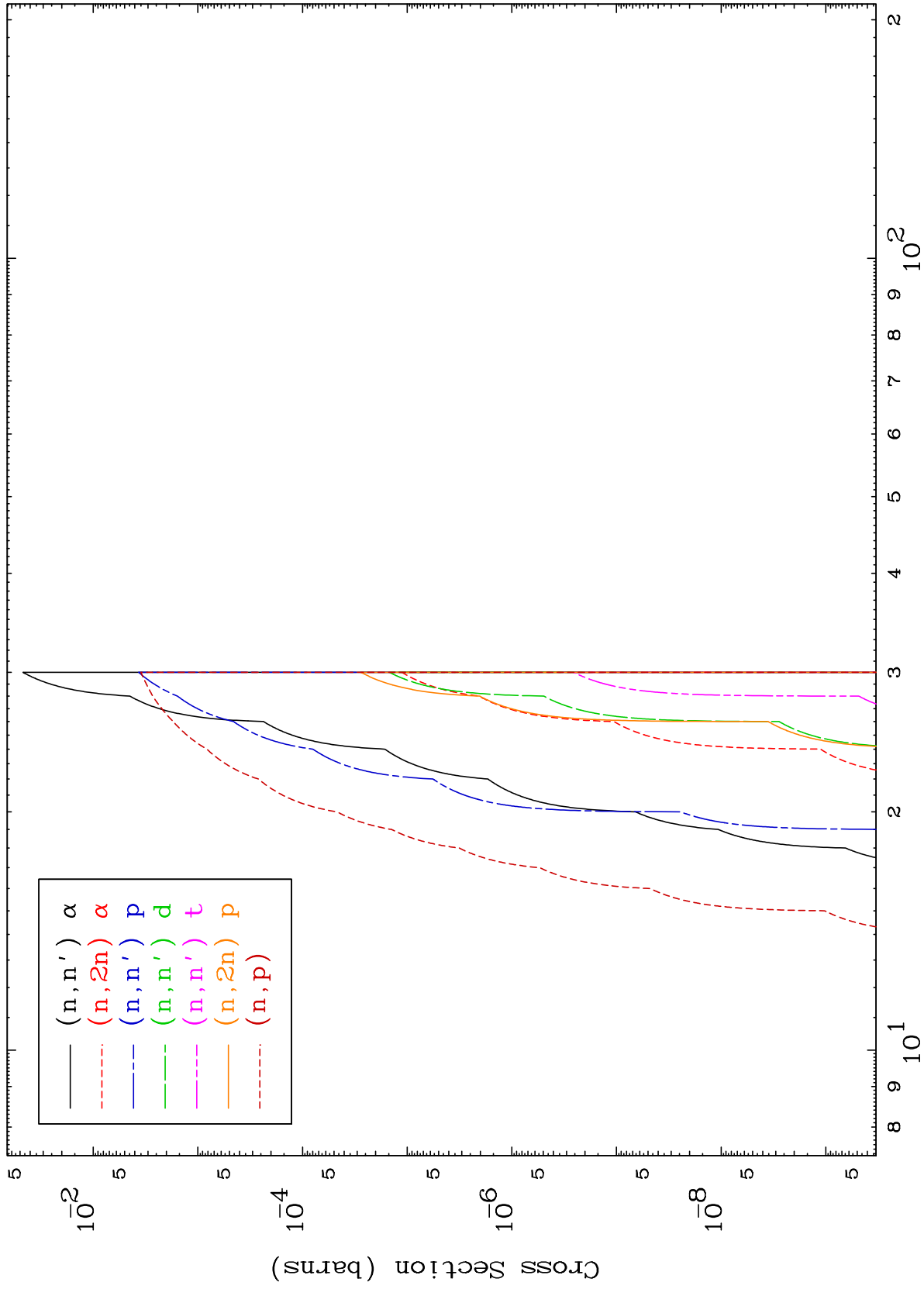
75-Re-185

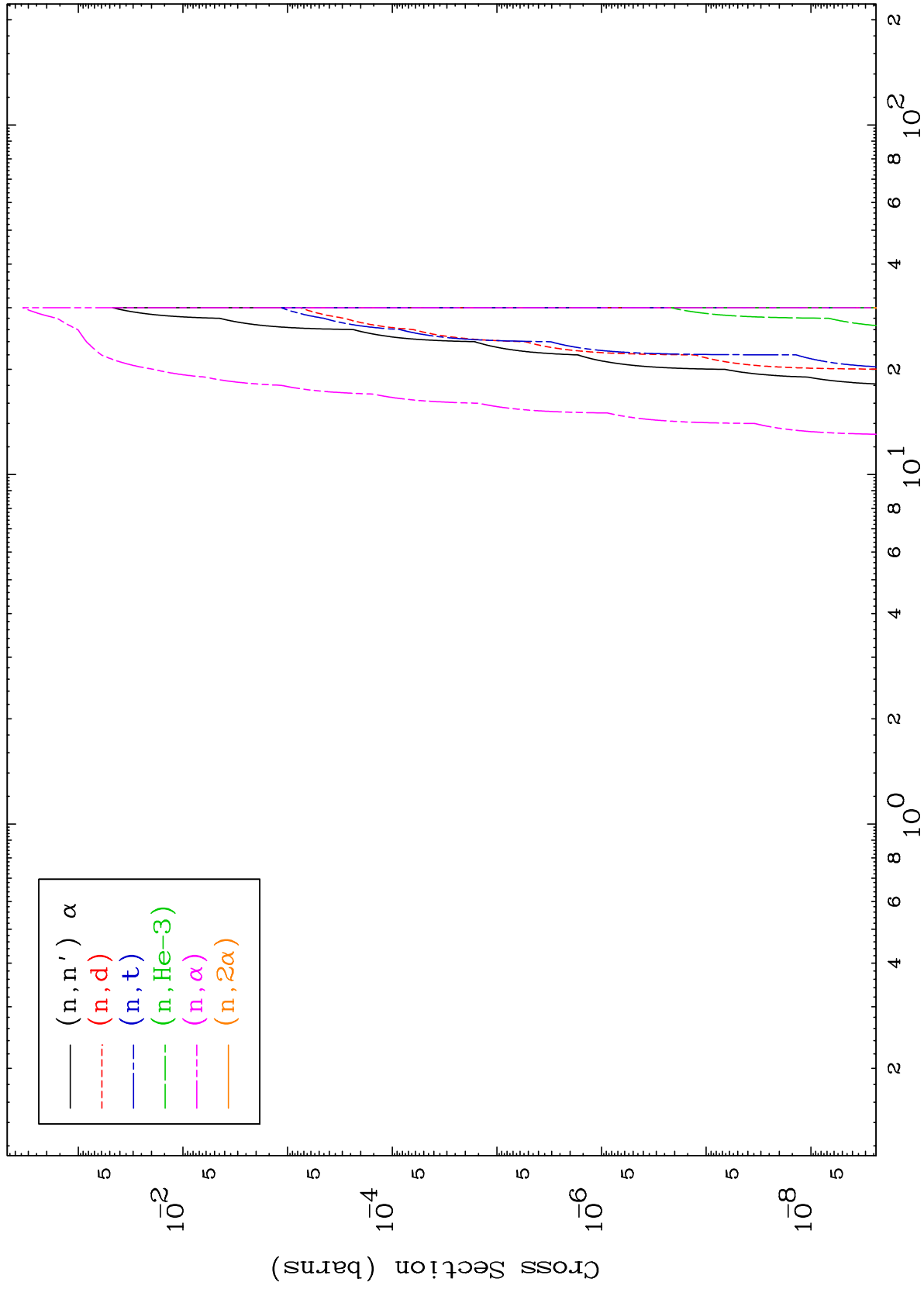


3

Incident Energy (MeV)

75-Re-185

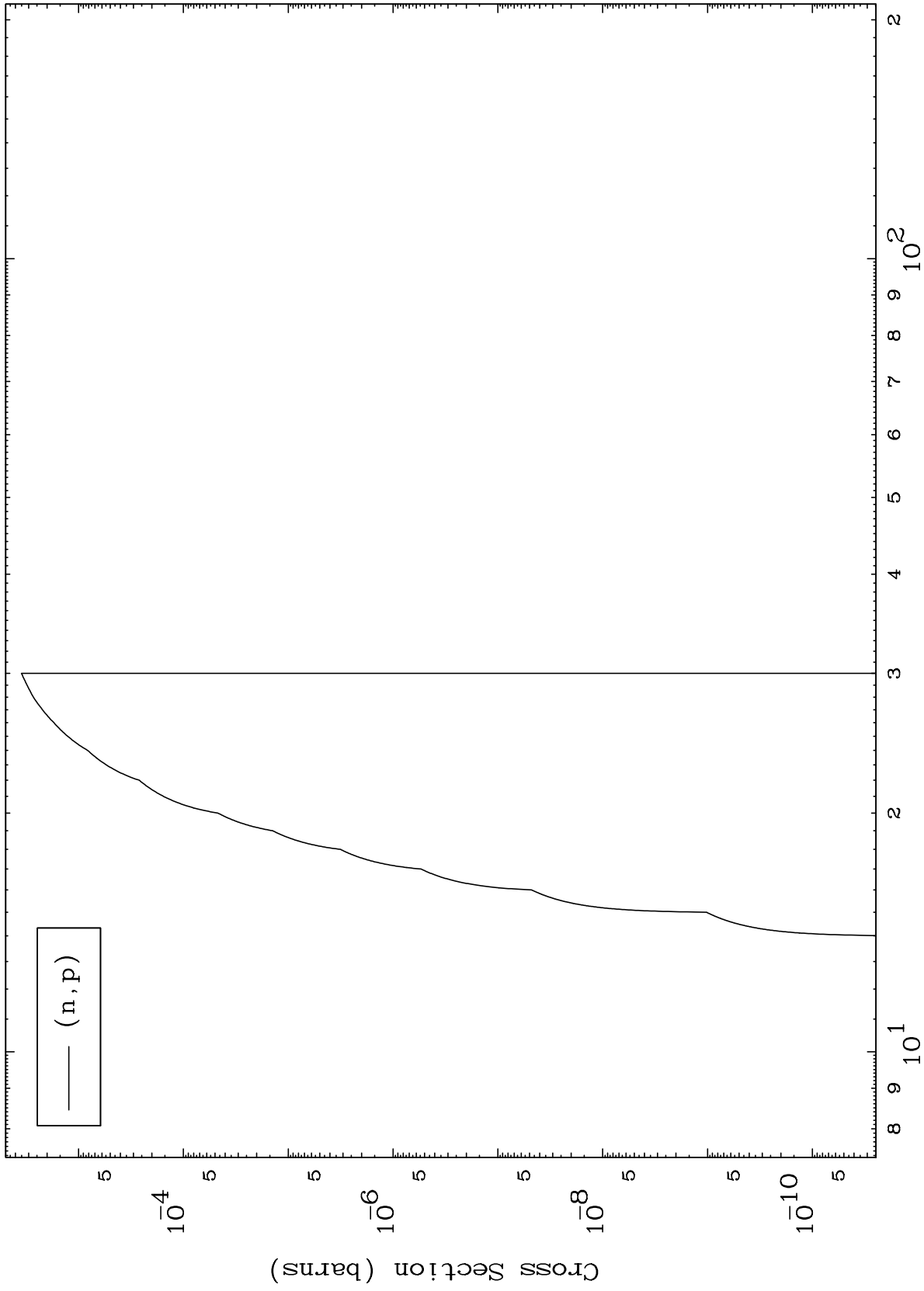




MAT 7525

(α, p) Levels
0 Kelvin Cross Sections

75-Re-185



6

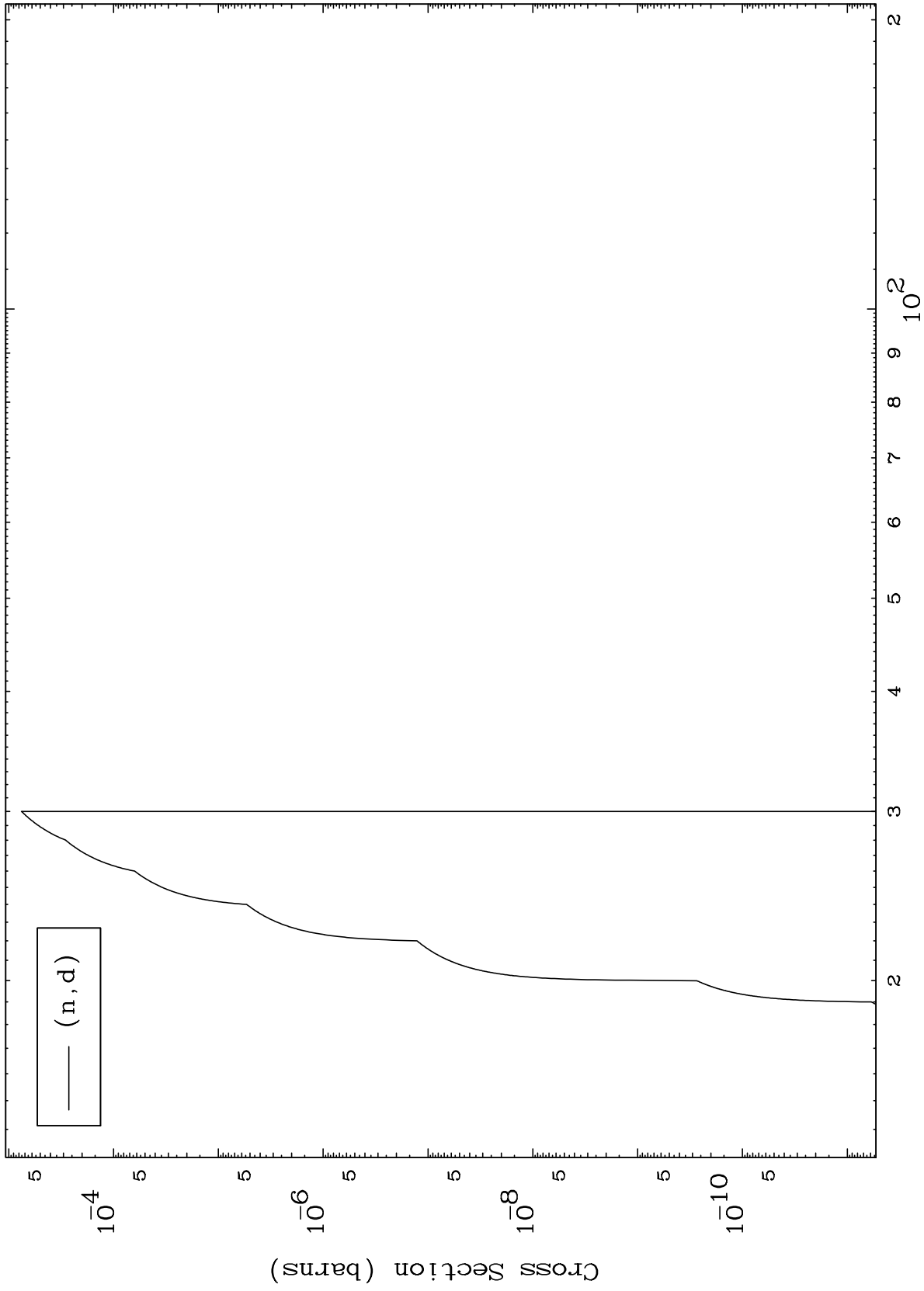
Incident Energy (MeV)

75-Re-185

MAT 7525

(α, d) Levels
0 Kelvin Cross Sections

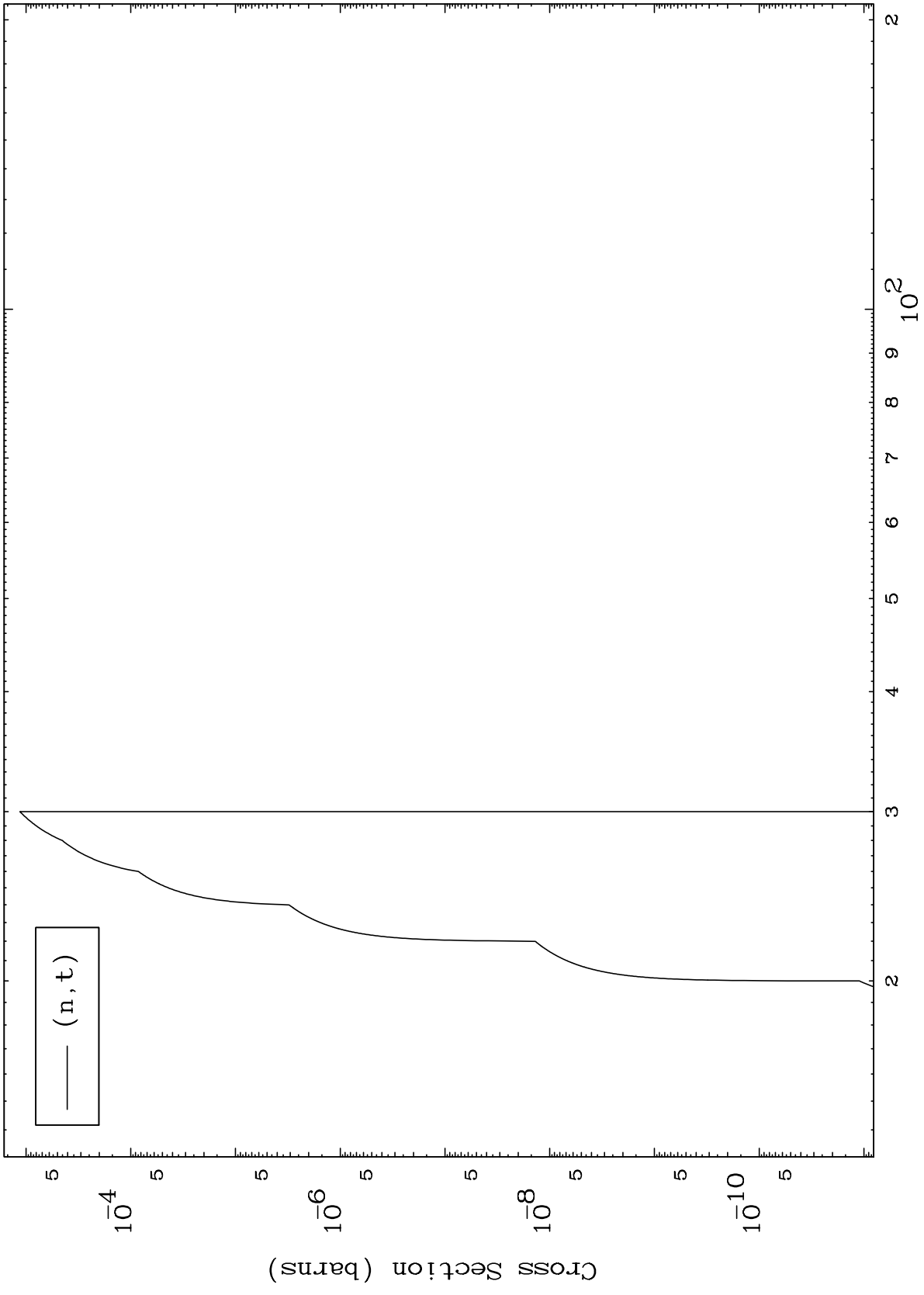
75-Re-185

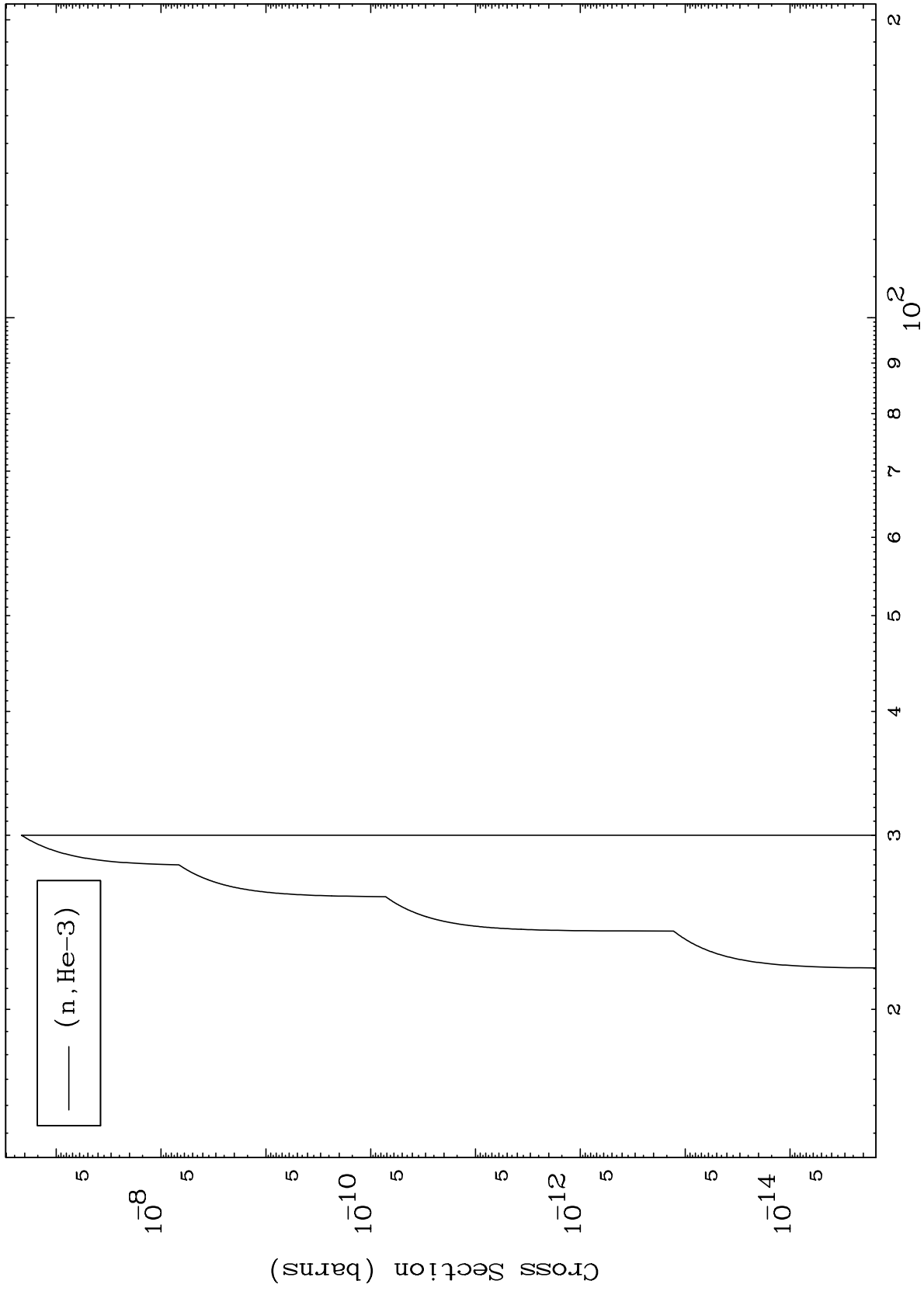


7

Incident Energy (MeV)

75-Re-185

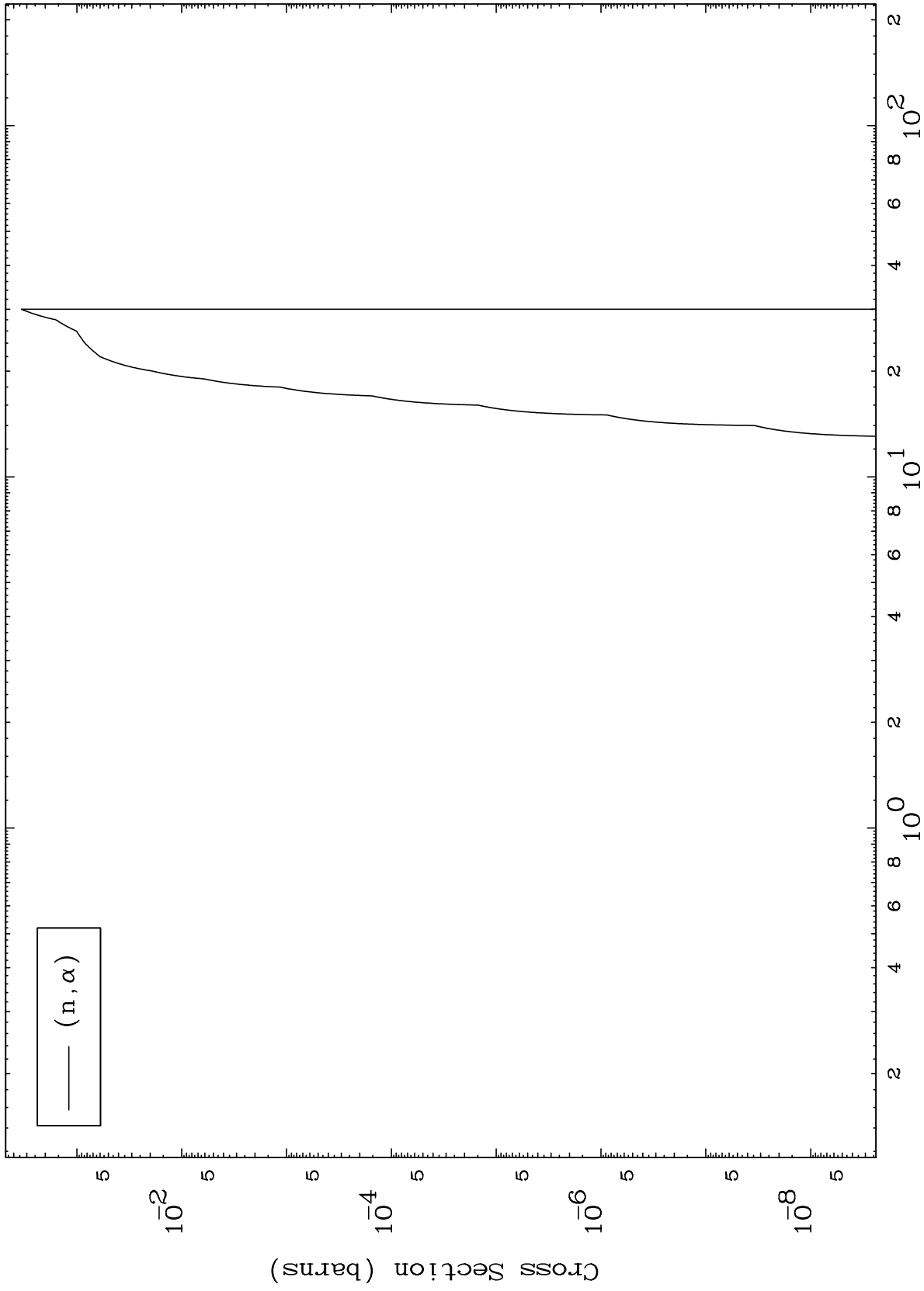




MAT 7525

(α, α) Levels
0 Kelvin Cross Sections

75-Re-185



10

Incident Energy (MeV)

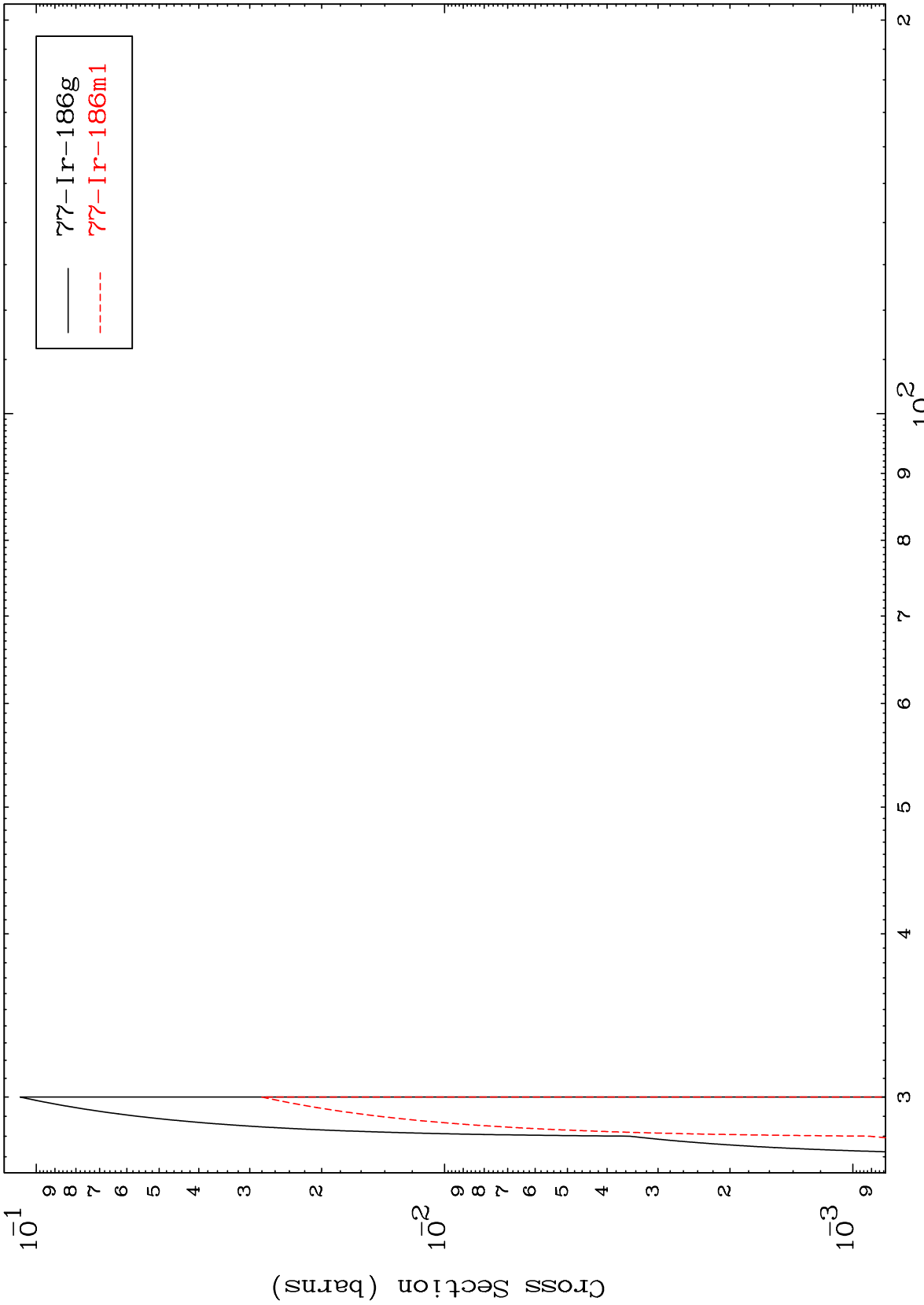
75-Re-185

MAT 7525

(n,3n)

75-Re-185

Radionuclide Production Cross Section



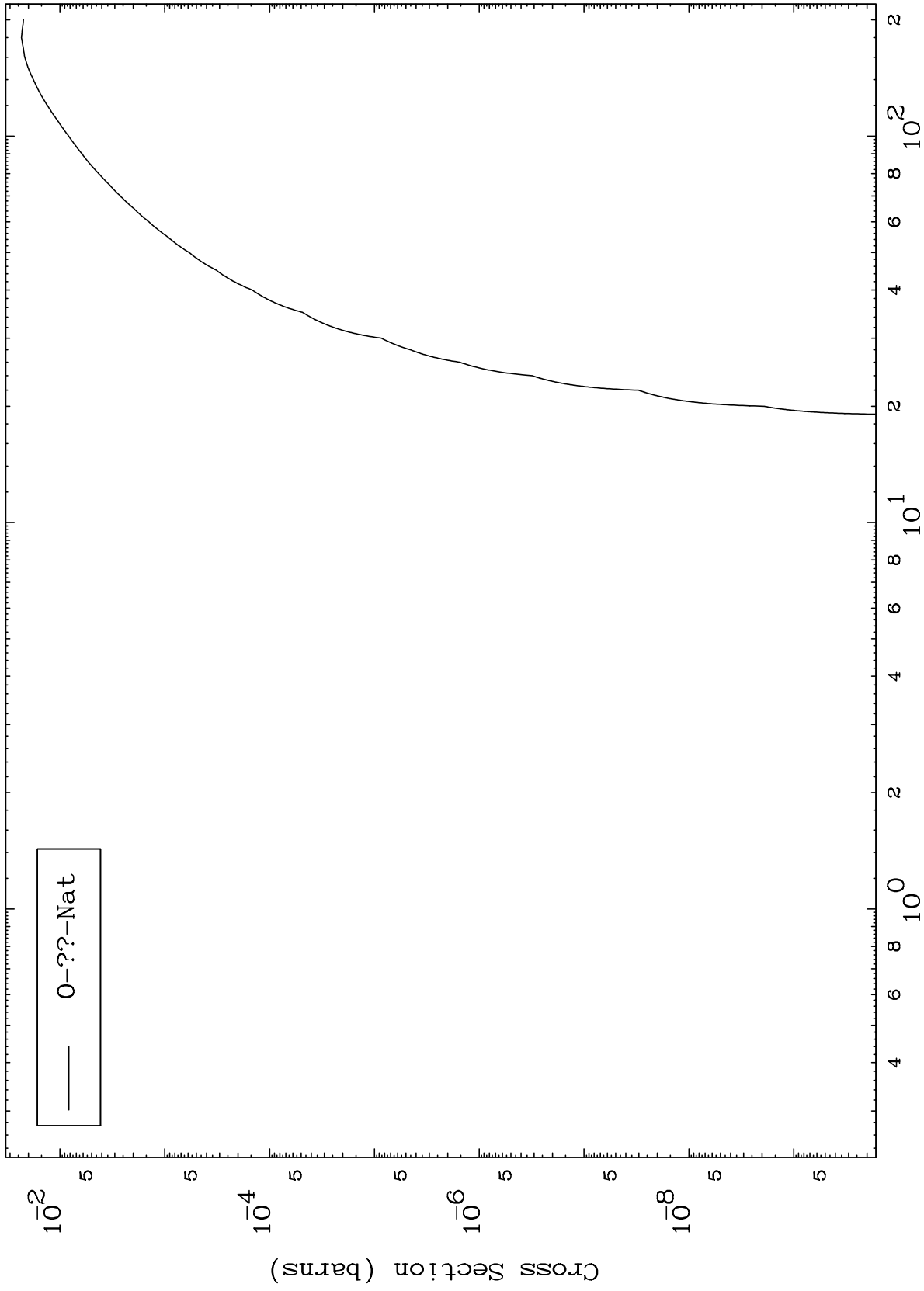
— $^{77}\text{Ir-186g}$
- - - $^{77}\text{Ir-186m1}$

MAT 7525

Fission

75-Re-185

Radionuclide Production Cross Section



12

Incident Energy (MeV)

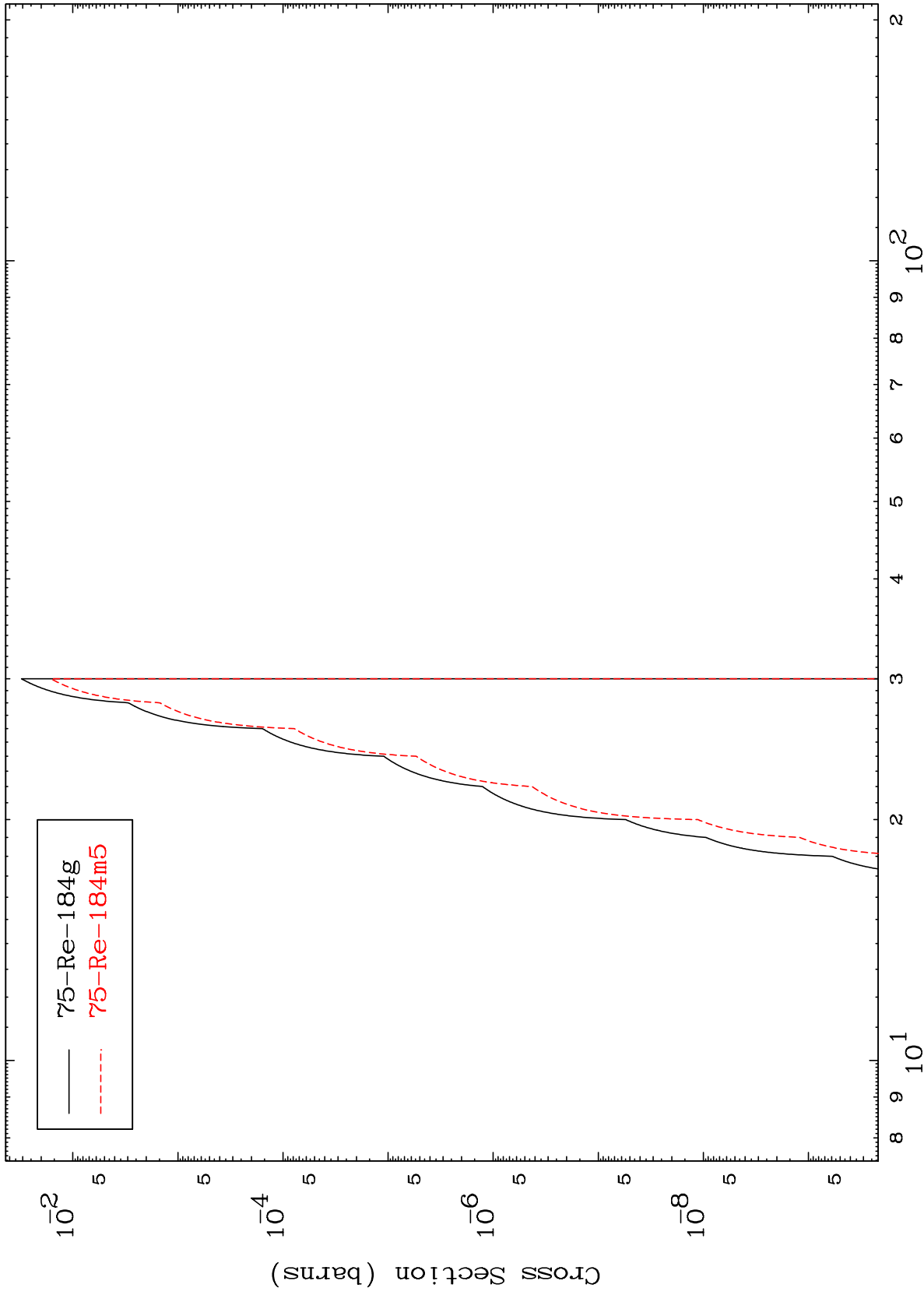
75-Re-185

MAT 7525

(n,n') α

75-Re-185

Radionuclide Production Cross Section



13

Incident Energy (MeV)

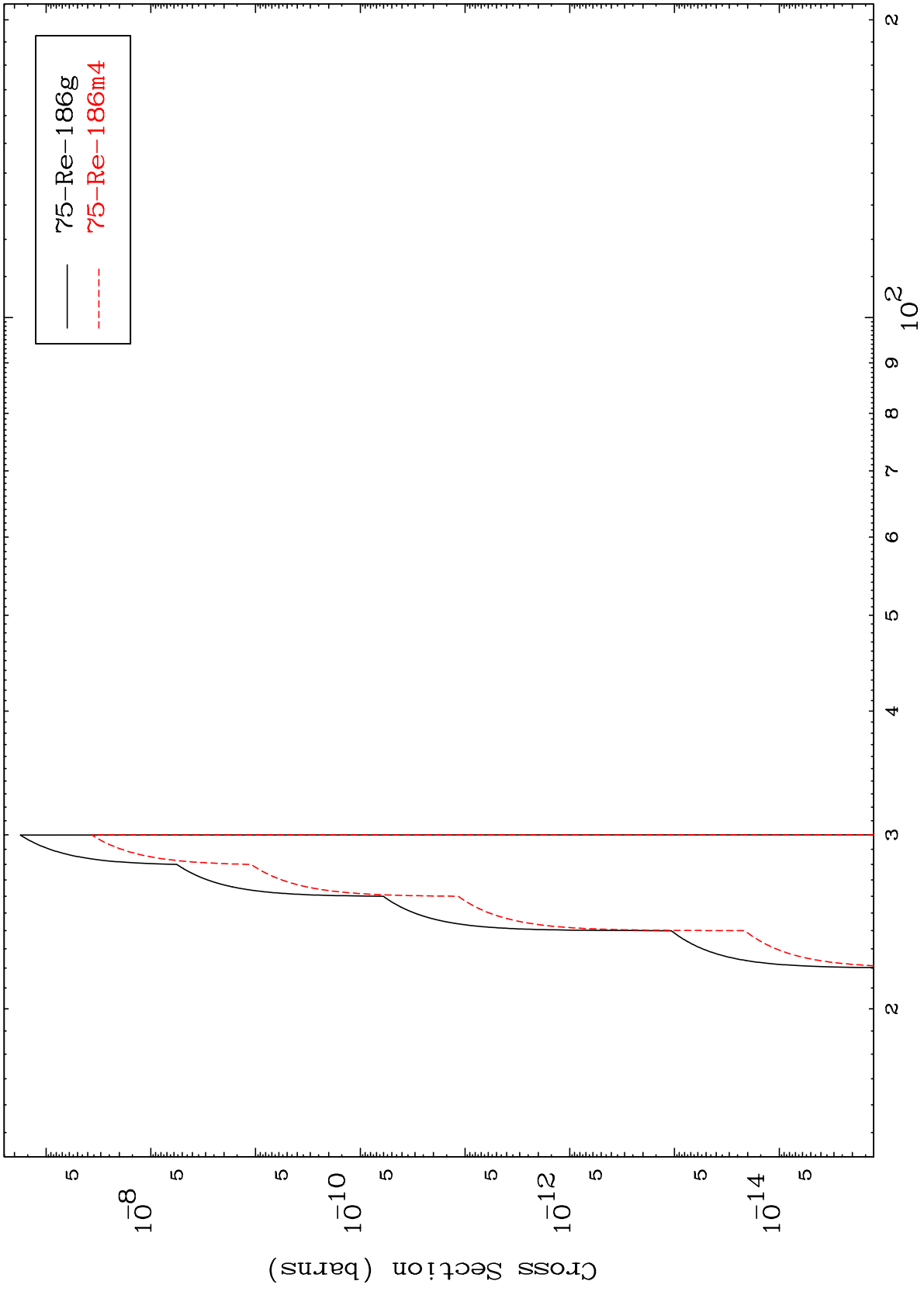
75-Re-185

MAT 7525

(n, He-3)

75-Re-185

Radionuclide Production Cross Section



14

Incident Energy (MeV)

75-Re-185