

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

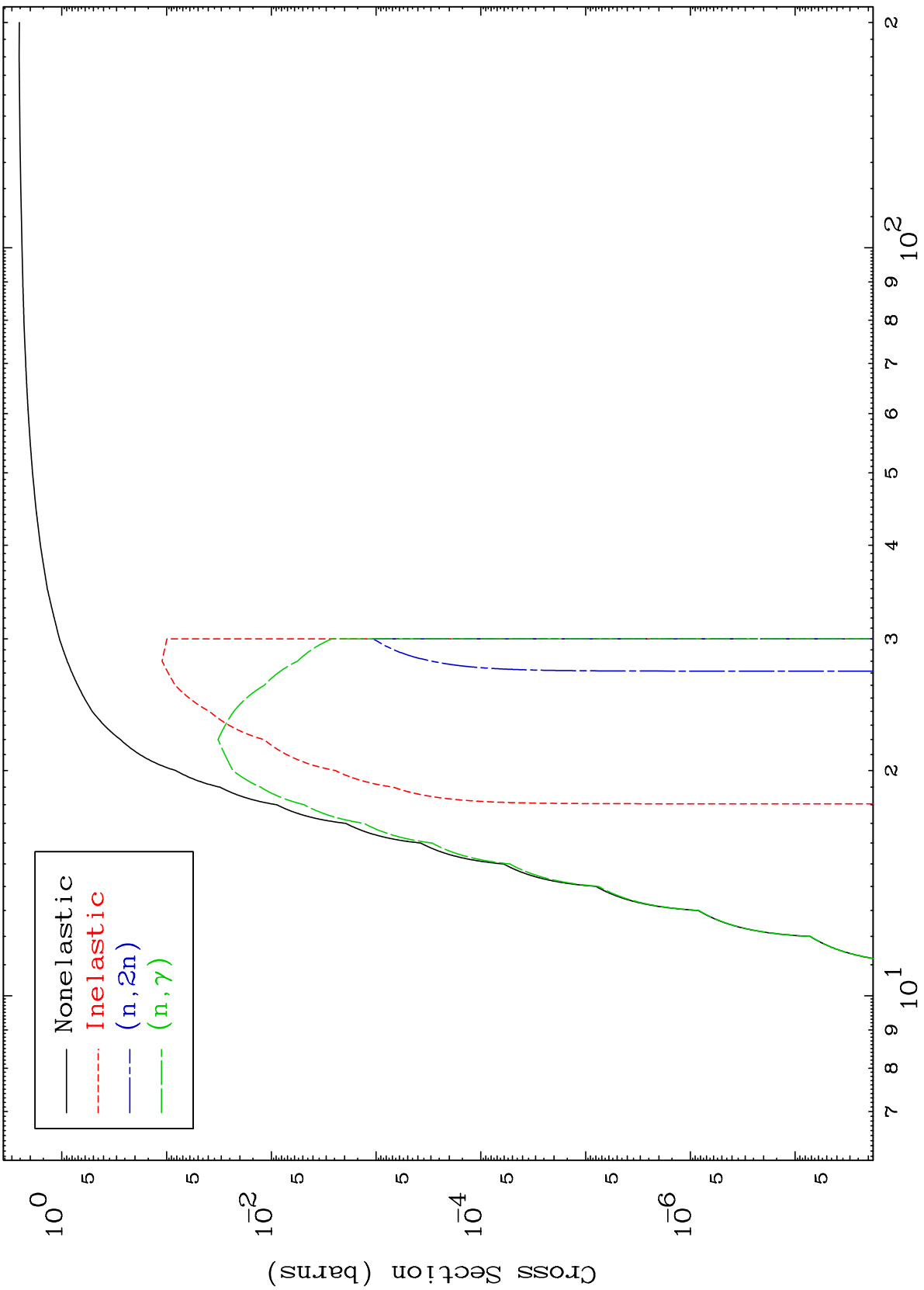
Press Mouse Button to Start

MAT 7583

α Major

76-Os-170

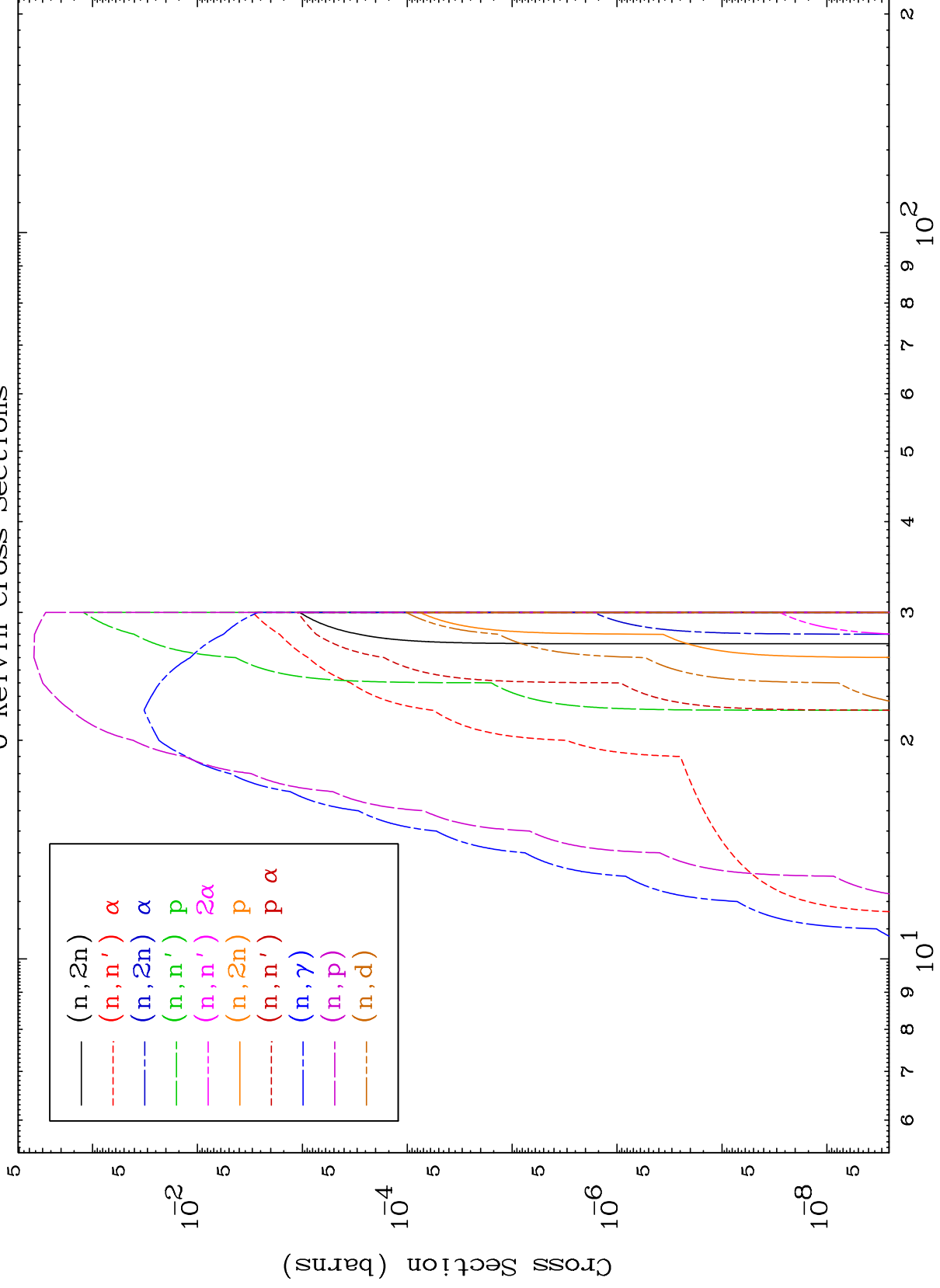
0 Kelvin Cross Sections



MAT 7583

α Neutron Absorption
0 Kelvin Cross Sections

76-Os-170



2

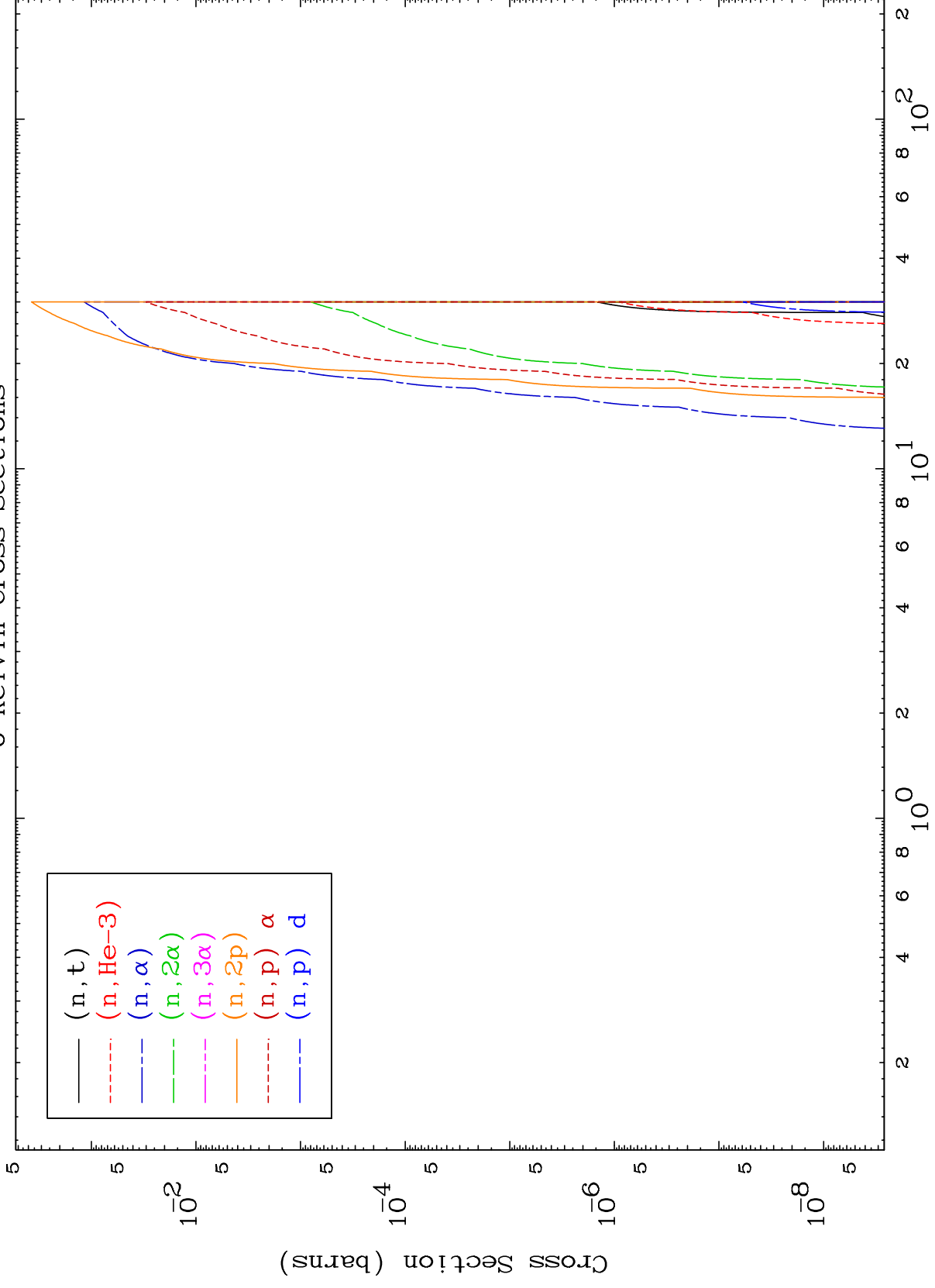
Incident Energy (MeV)

76-Os-170

MAT 7583

α Neutron Absorption
0 Kelvin Cross Sections

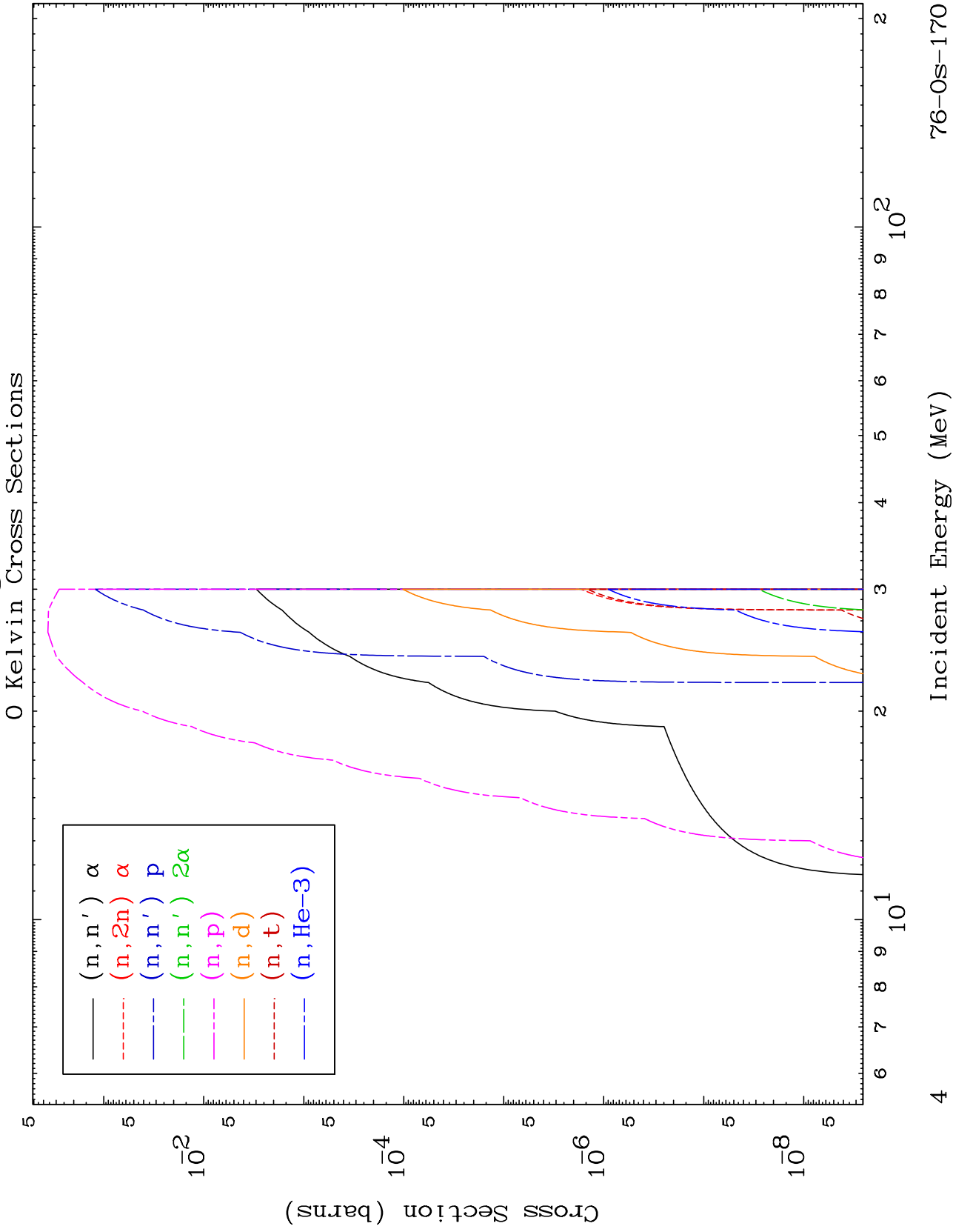
76-Os-170

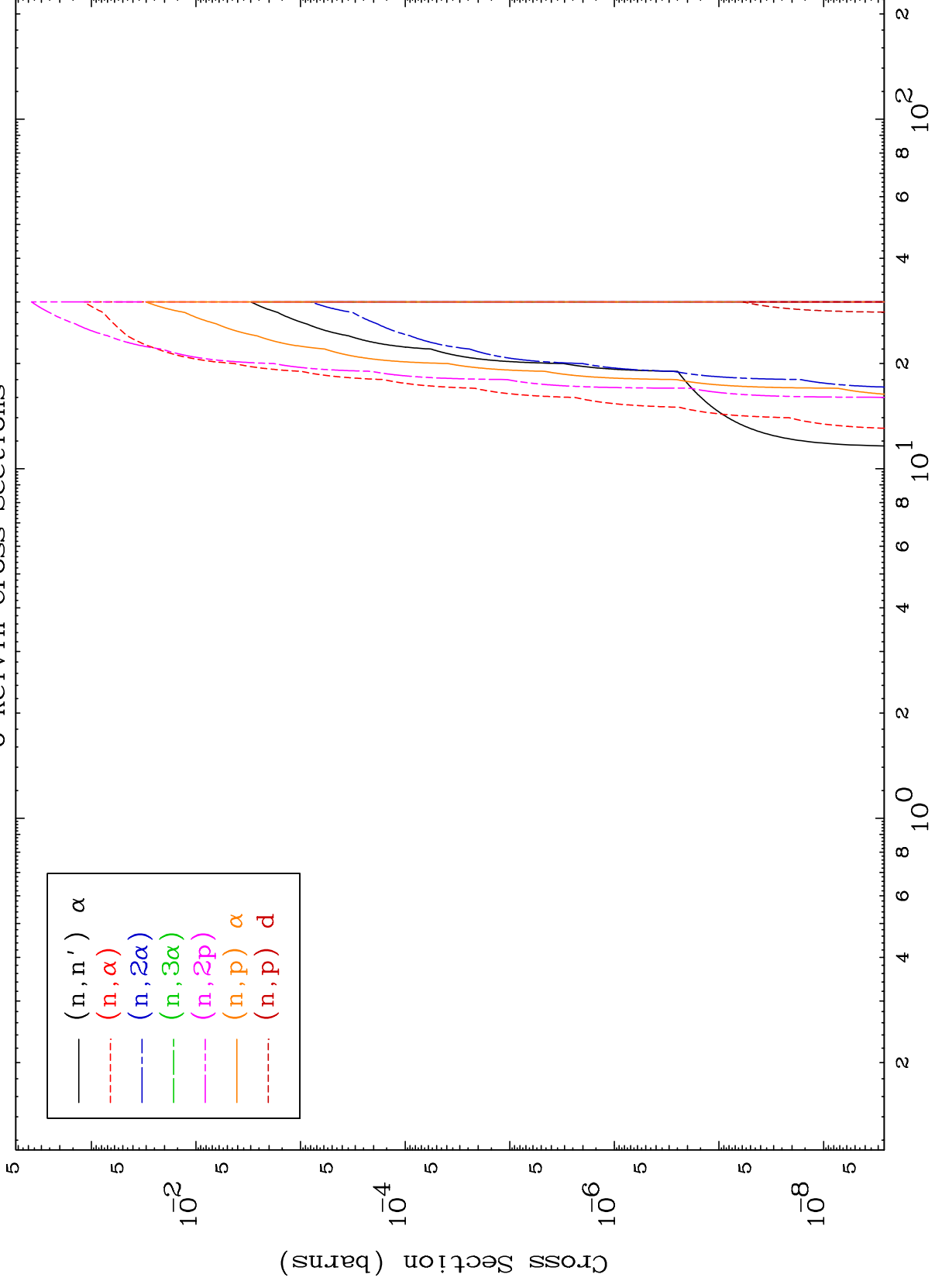


MAT 7583

α Charged Particle

76-Os-170



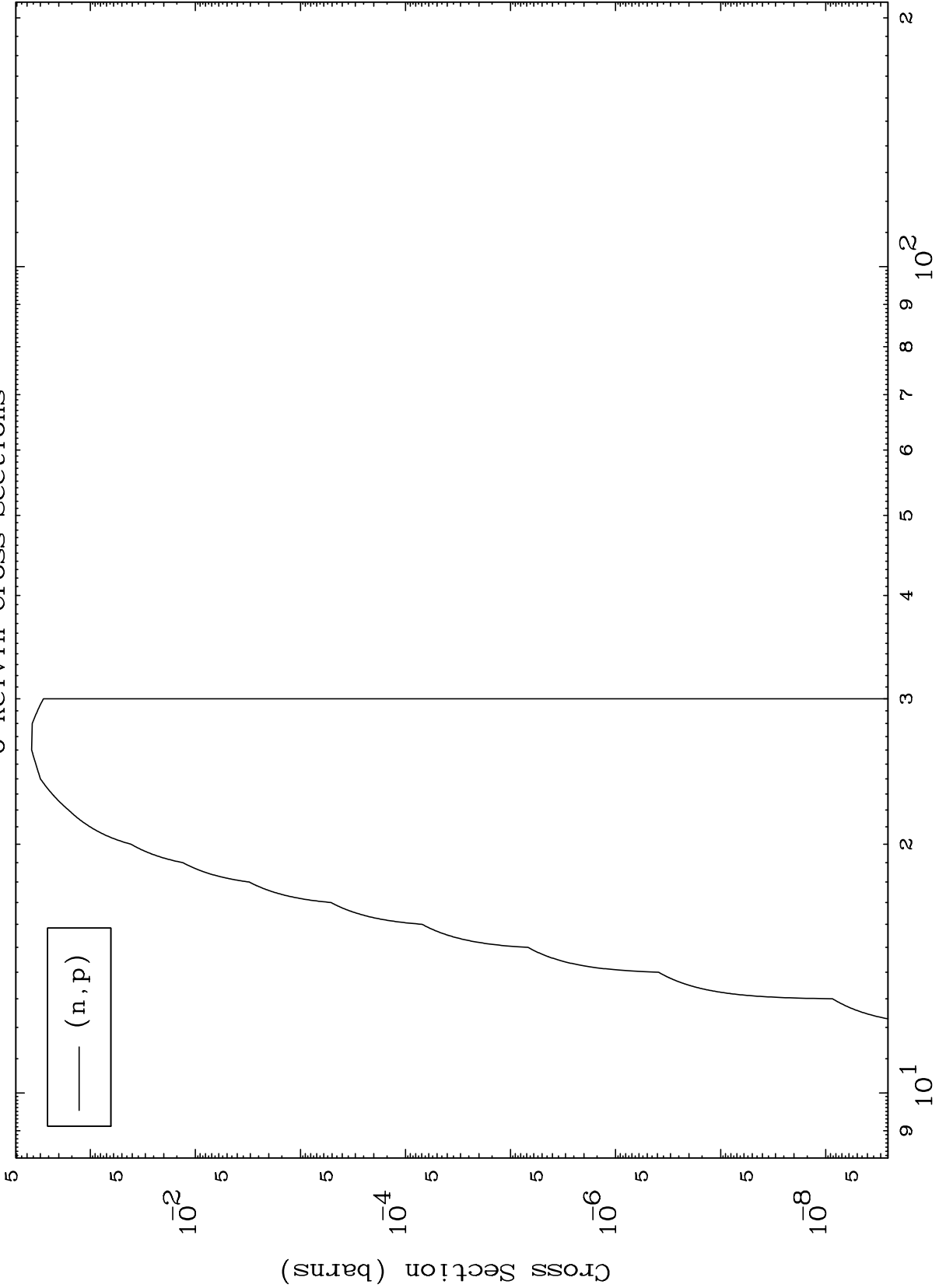


MAT 7583

(α, p) Levels

76-Os-170

0 Kelvin Cross Sections



Incident Energy (MeV)

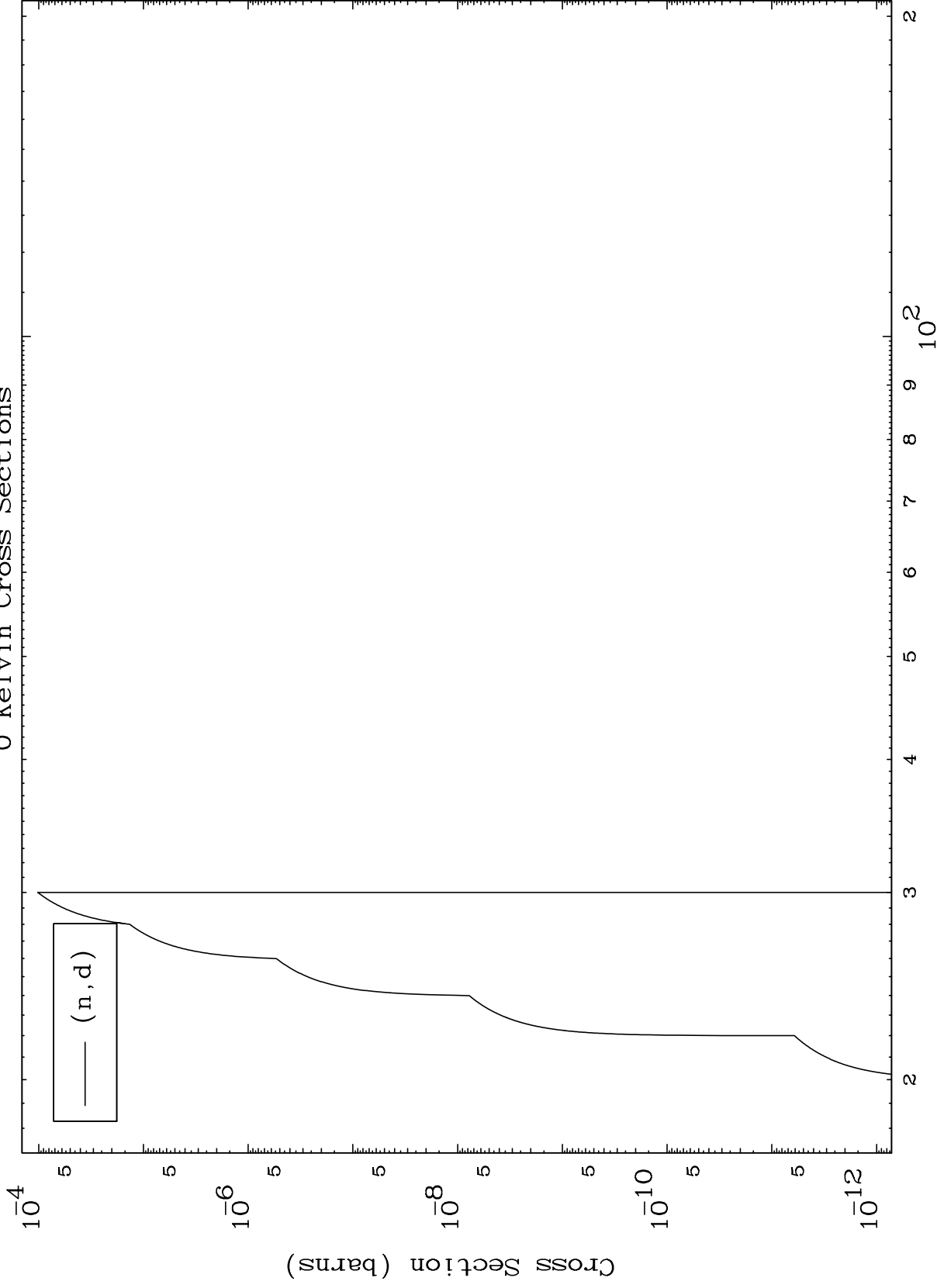
76-Os-170

6

MAT 7583

(α, d) Levels
0 Kelvin Cross Sections

^{76}Os -170



7

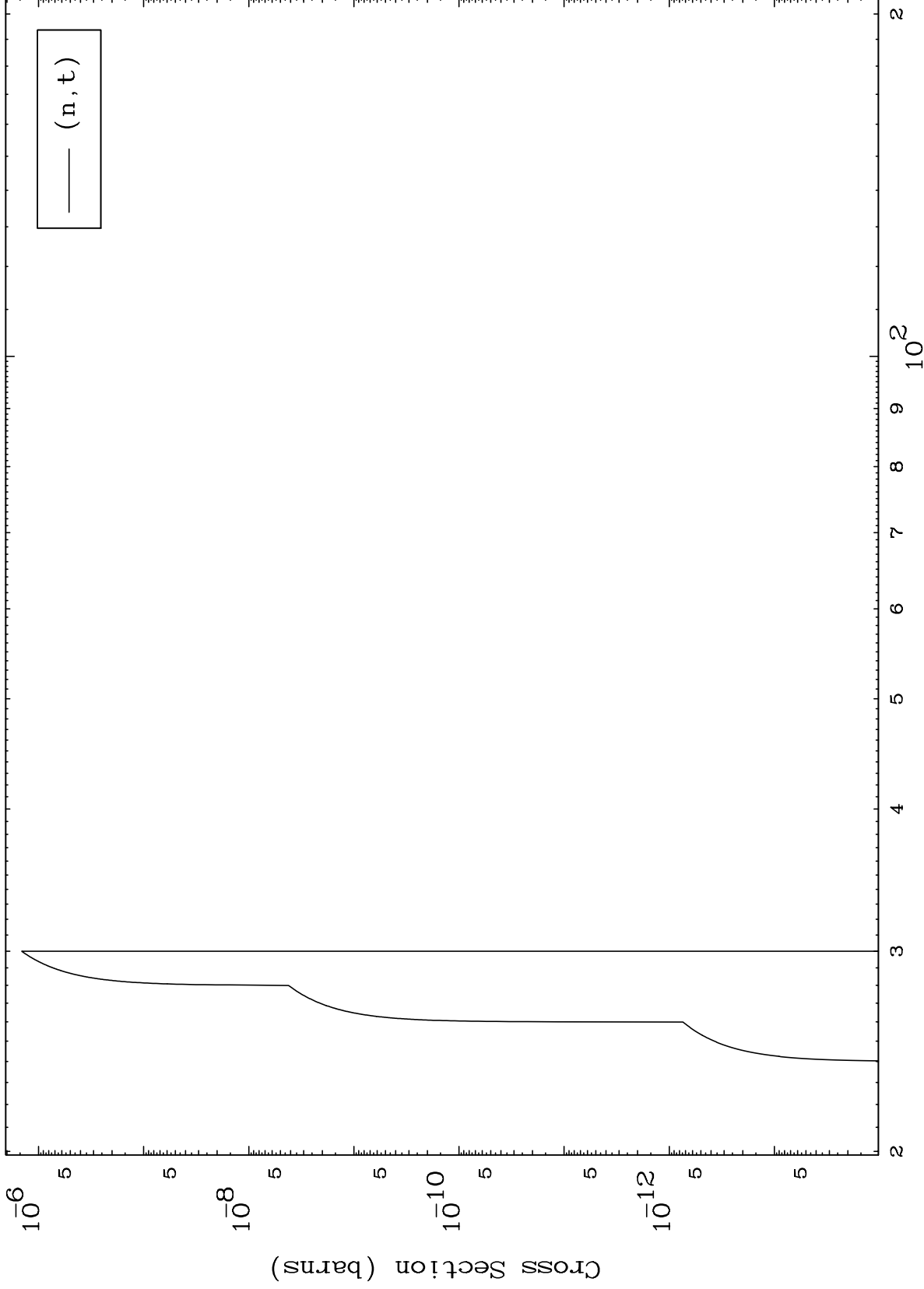
Incident Energy (MeV)

^{76}Os -170

MAT 7583

(α, t) Levels
0 Kelvin Cross Sections

76-0s-170



8

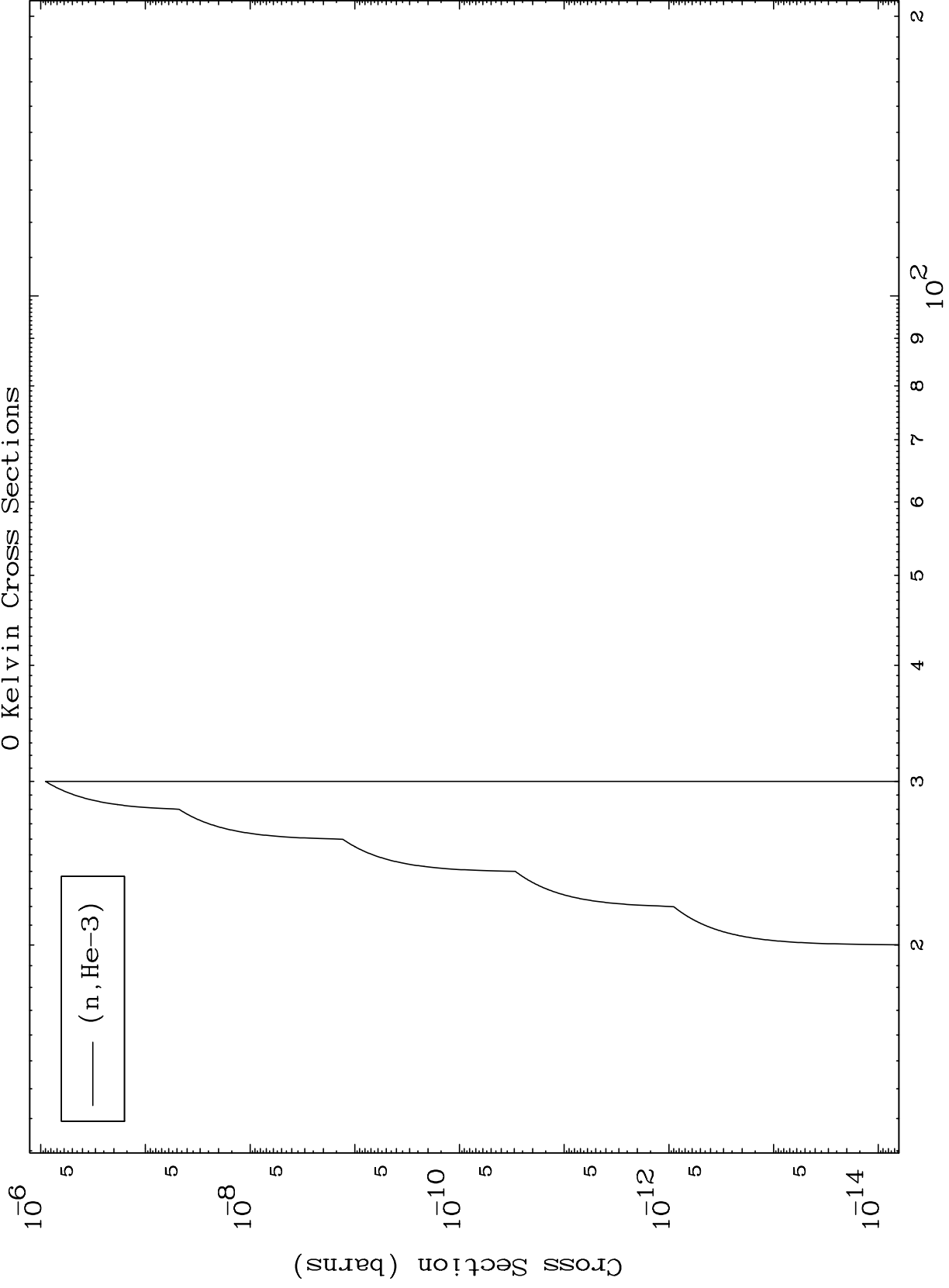
Incident Energy (MeV)

76-0s-170

MAT 7583

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

76-Os-170

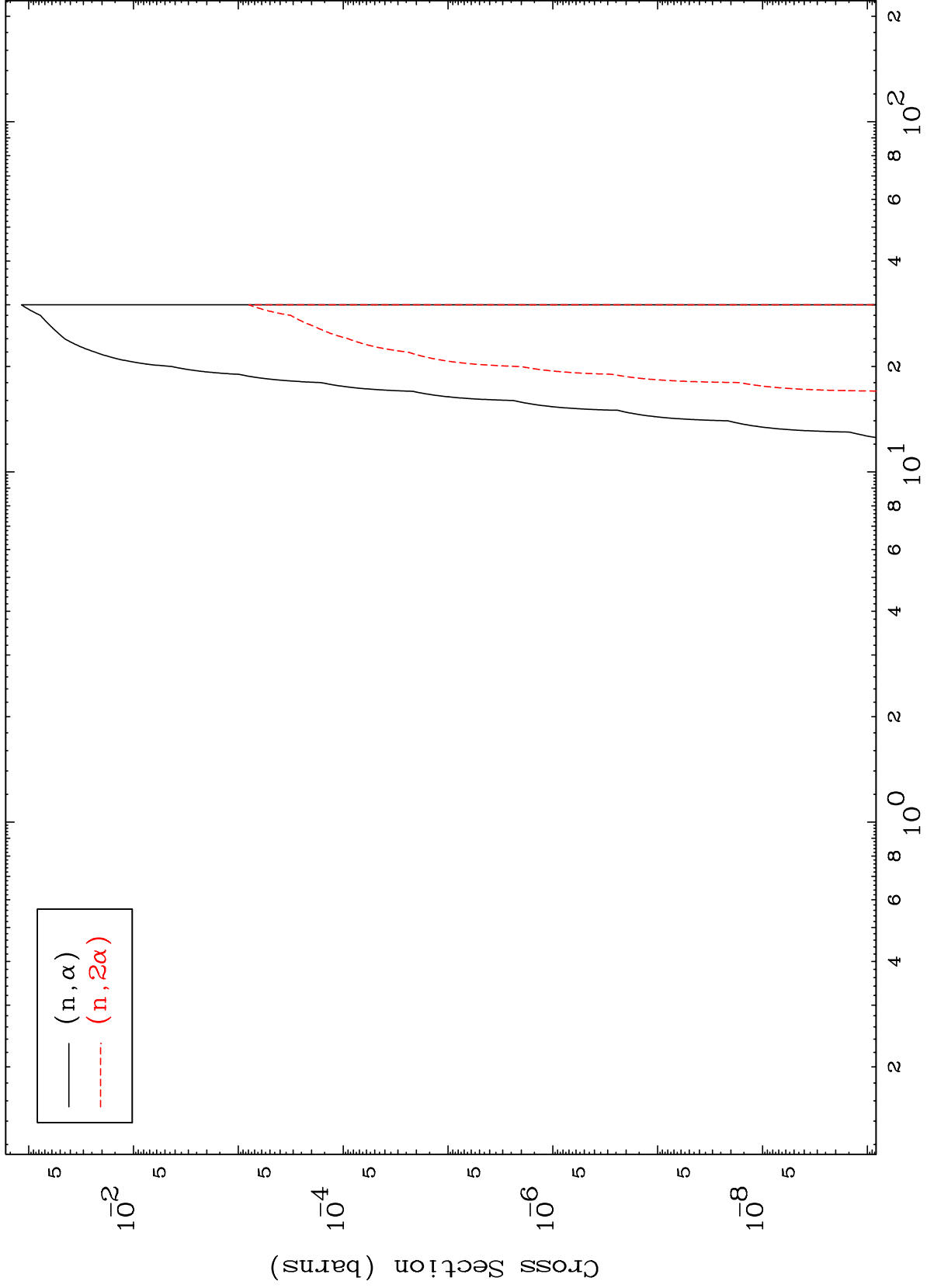


MAT 7583

(α, α) Levels

76-Os-170

0 Kelvin Cross Sections



10

Incident Energy (MeV)

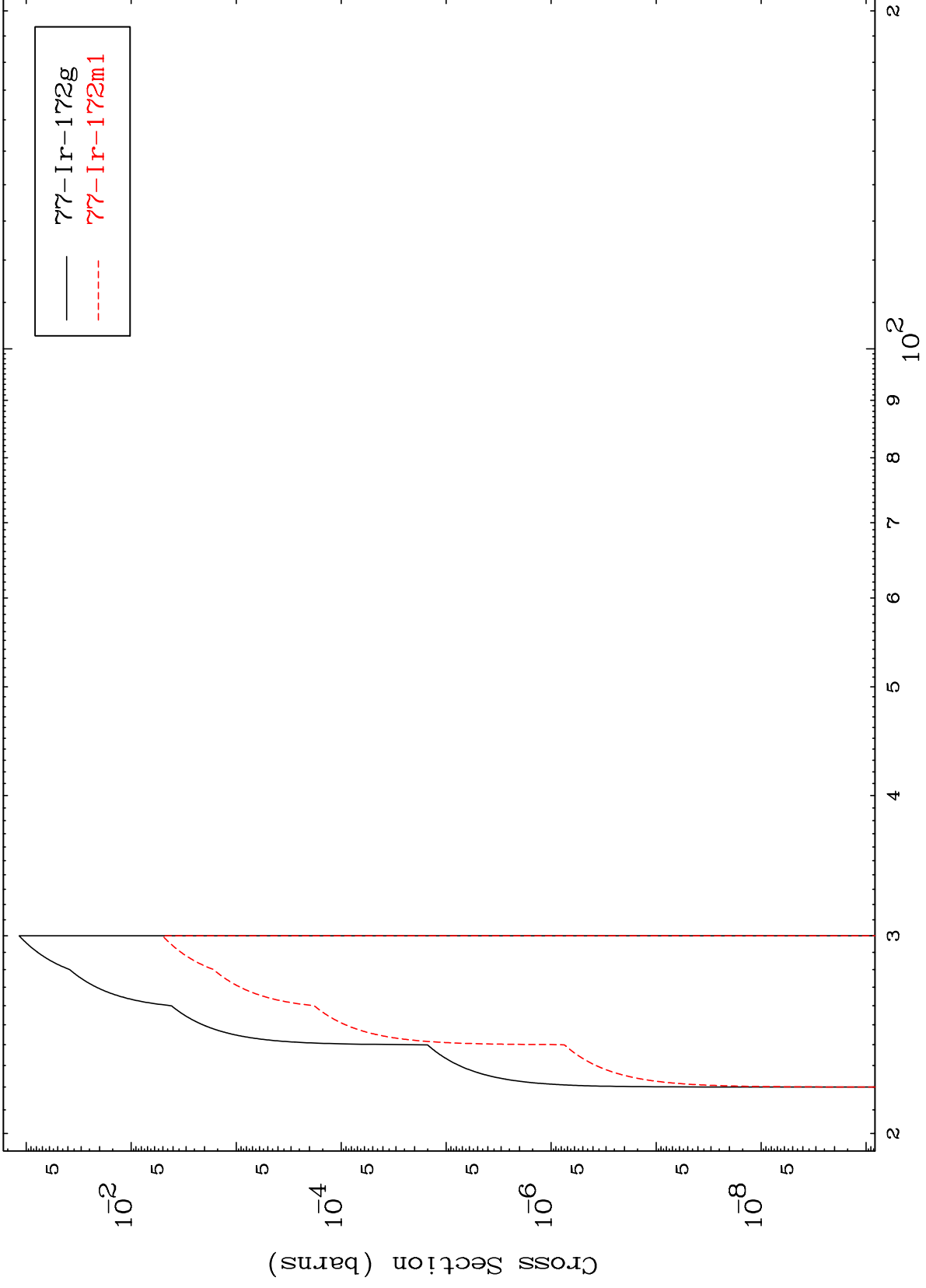
76-Os-170

MAT 7583

(n,n') p

76-Os-170

Radionuclide Production Cross Section



11

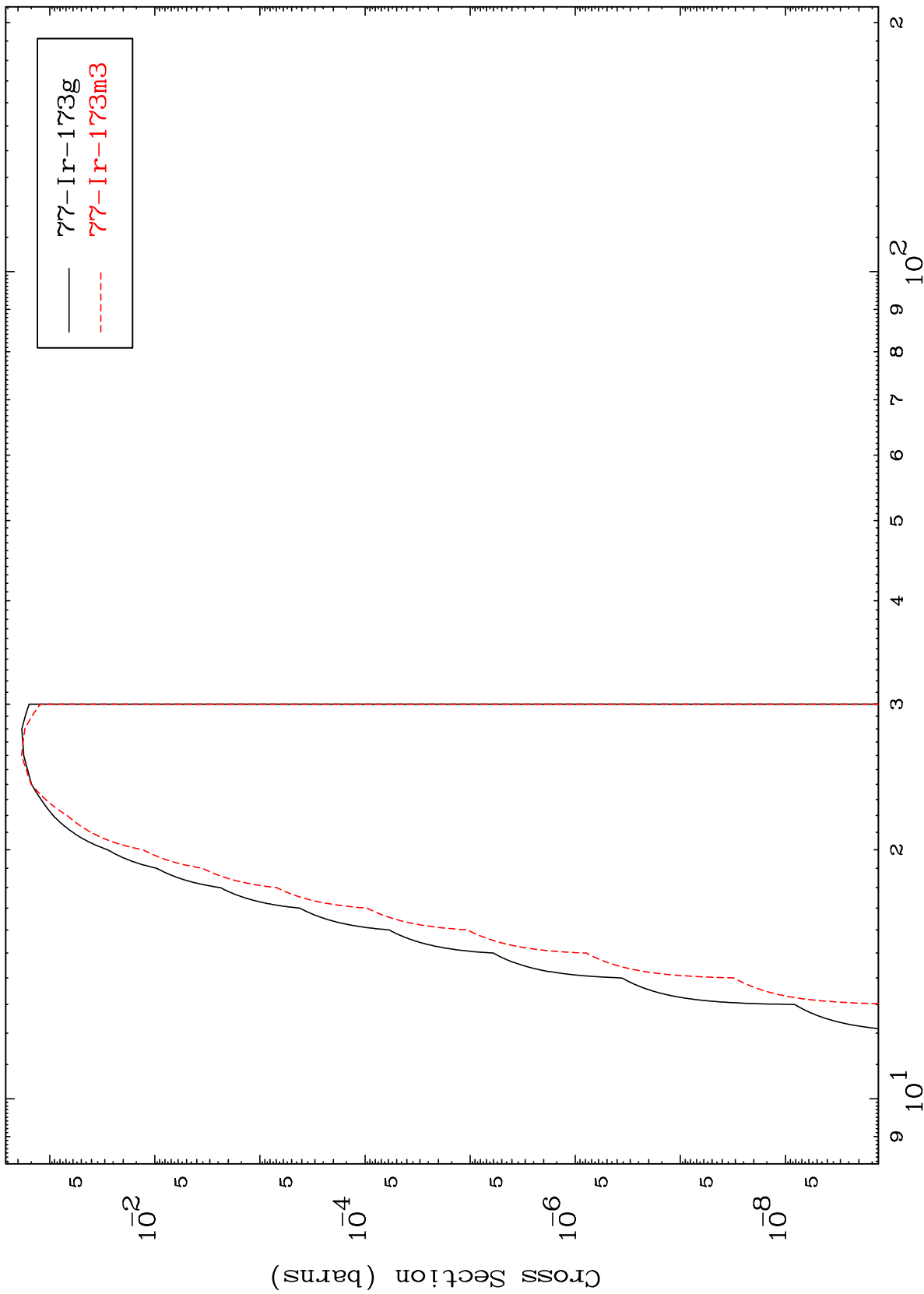
Incident Energy (MeV)

76-Os-170

MAT 7583

76-Os-170

(n,p)
Radionuclide Production Cross Section



— ⁷⁷Ir-173g
- - - ⁷⁷Ir-173m3

76-Os-170

Incident Energy (MeV)

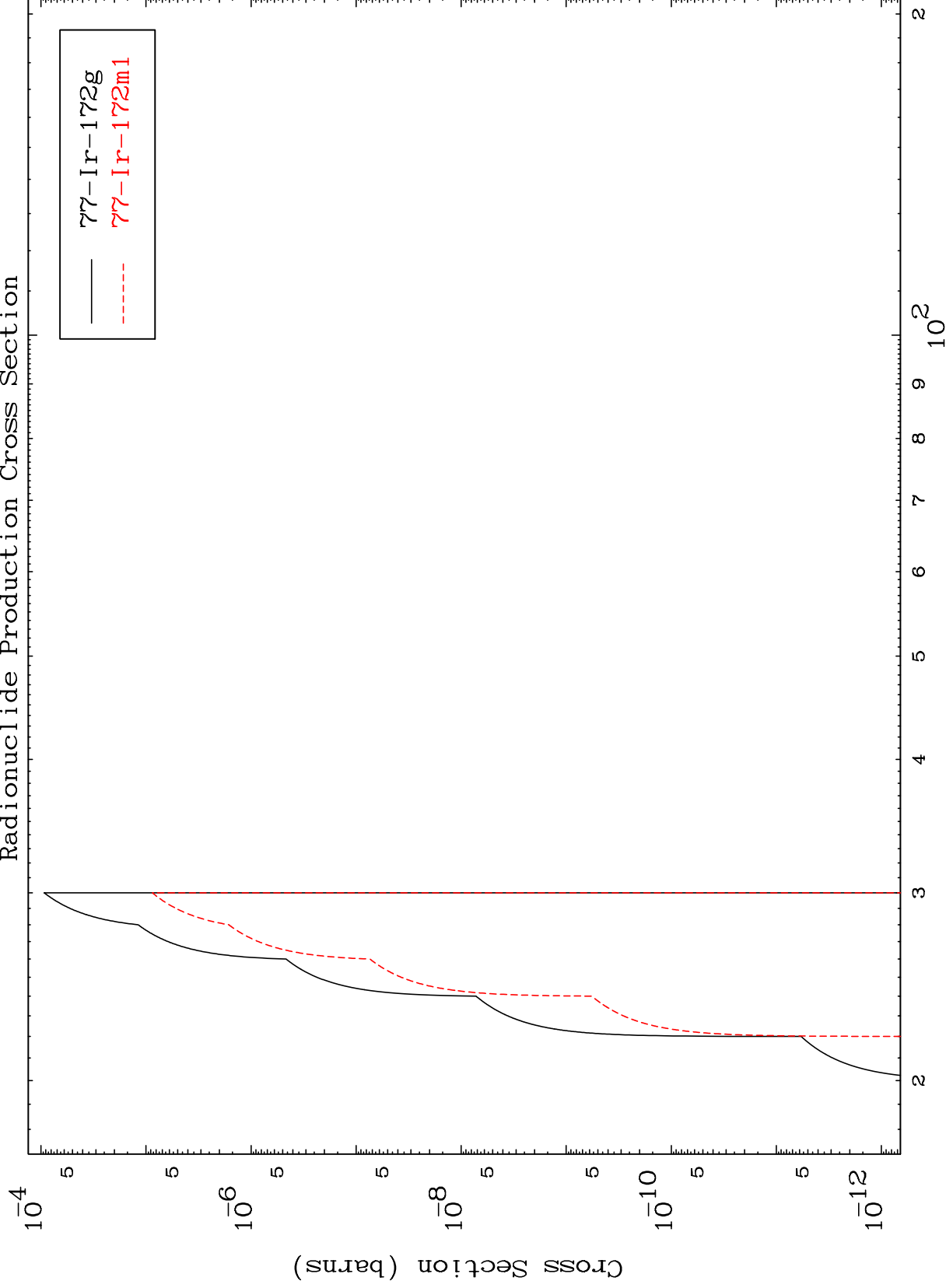
12

MAT 7583

(n,d)

76-Os-170

Radionuclide Production Cross Section



13

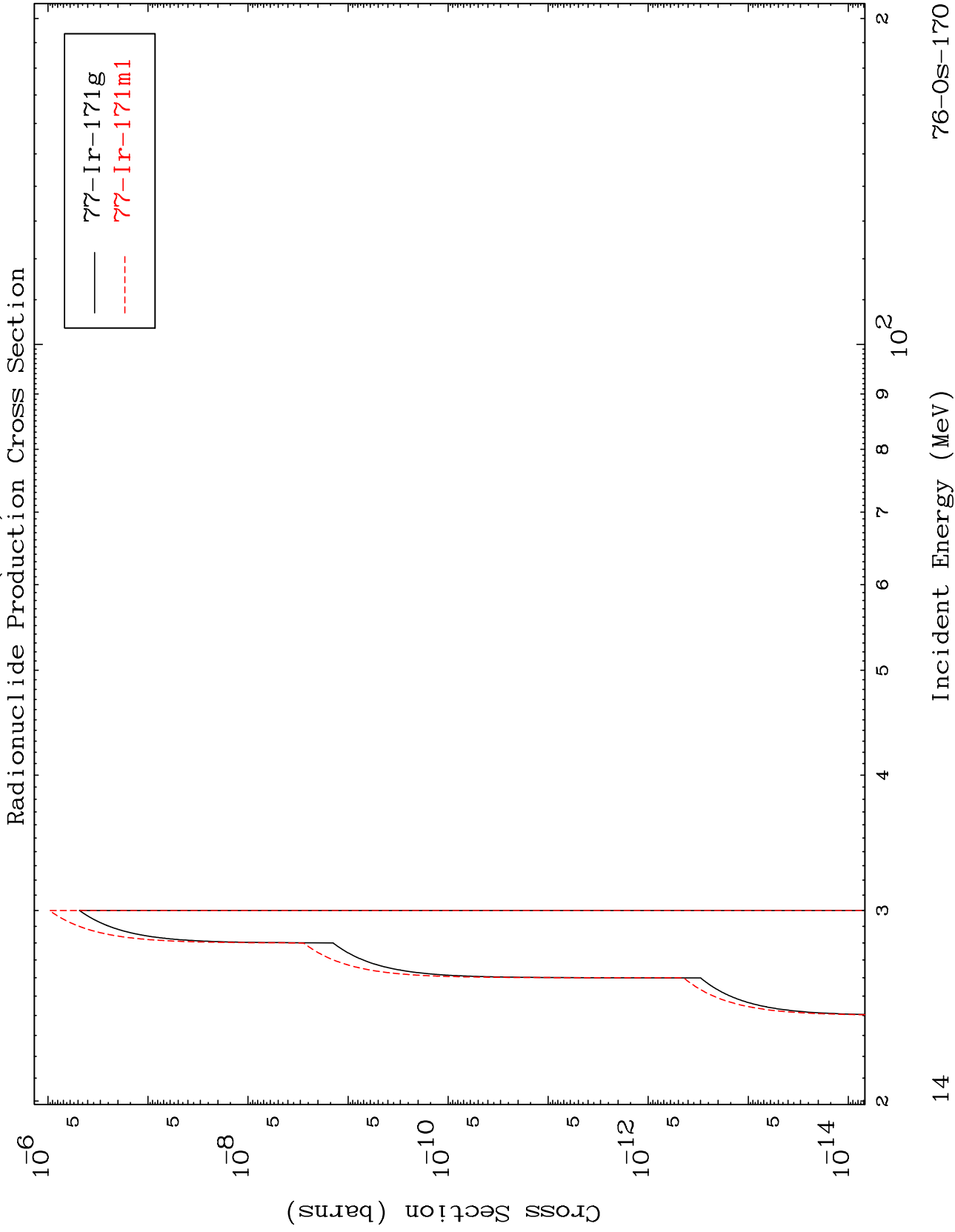
Incident Energy (MeV)

76-Os-170

MAT 7583

(n, t)

76-Os-170



14

Incident Energy (MeV)

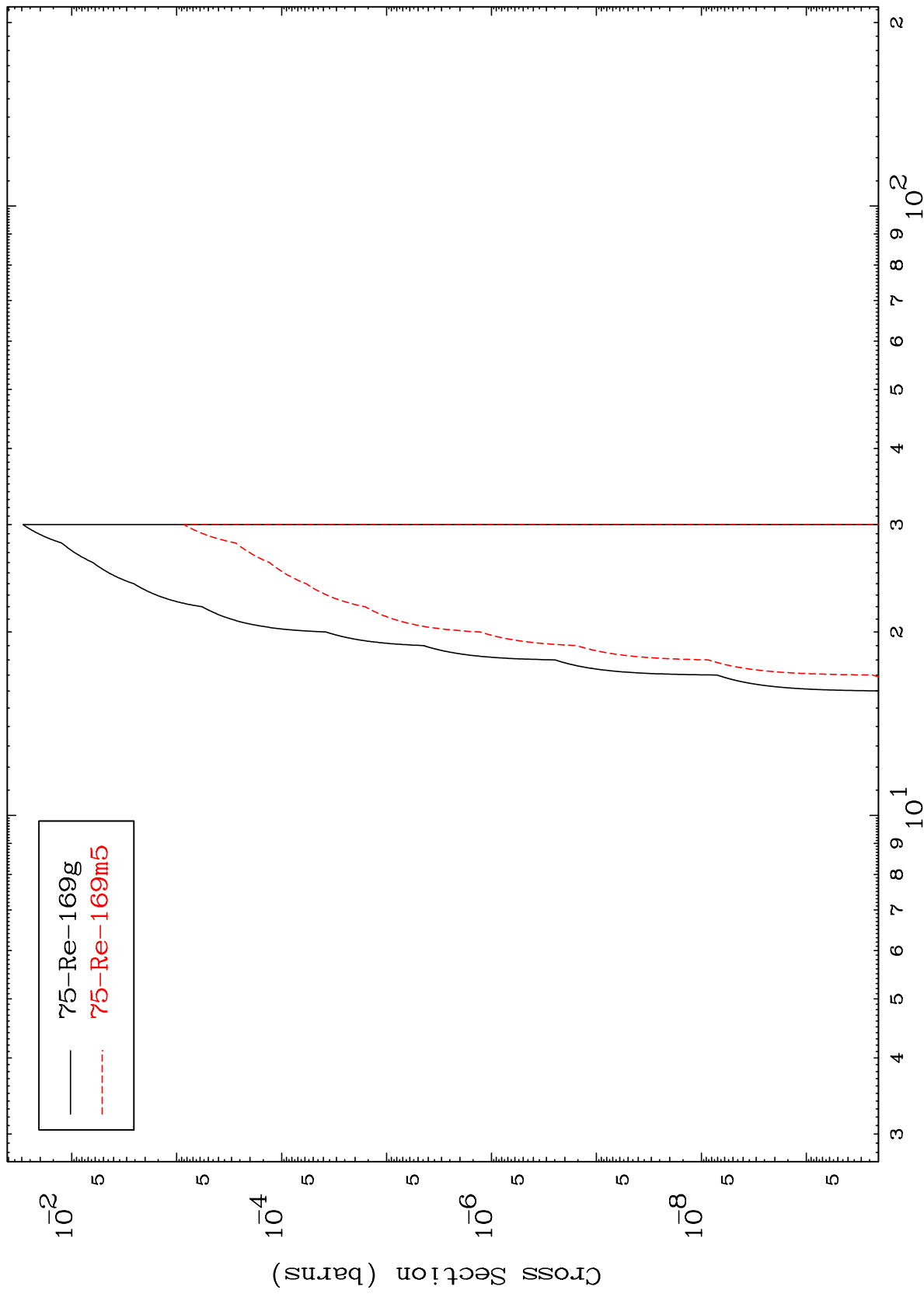
76-Os-170

MAT 7583

(n,p) α

76-Os-170

Radionuclide Production Cross Section



15

Incident Energy (MeV)

76-Os-170