

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

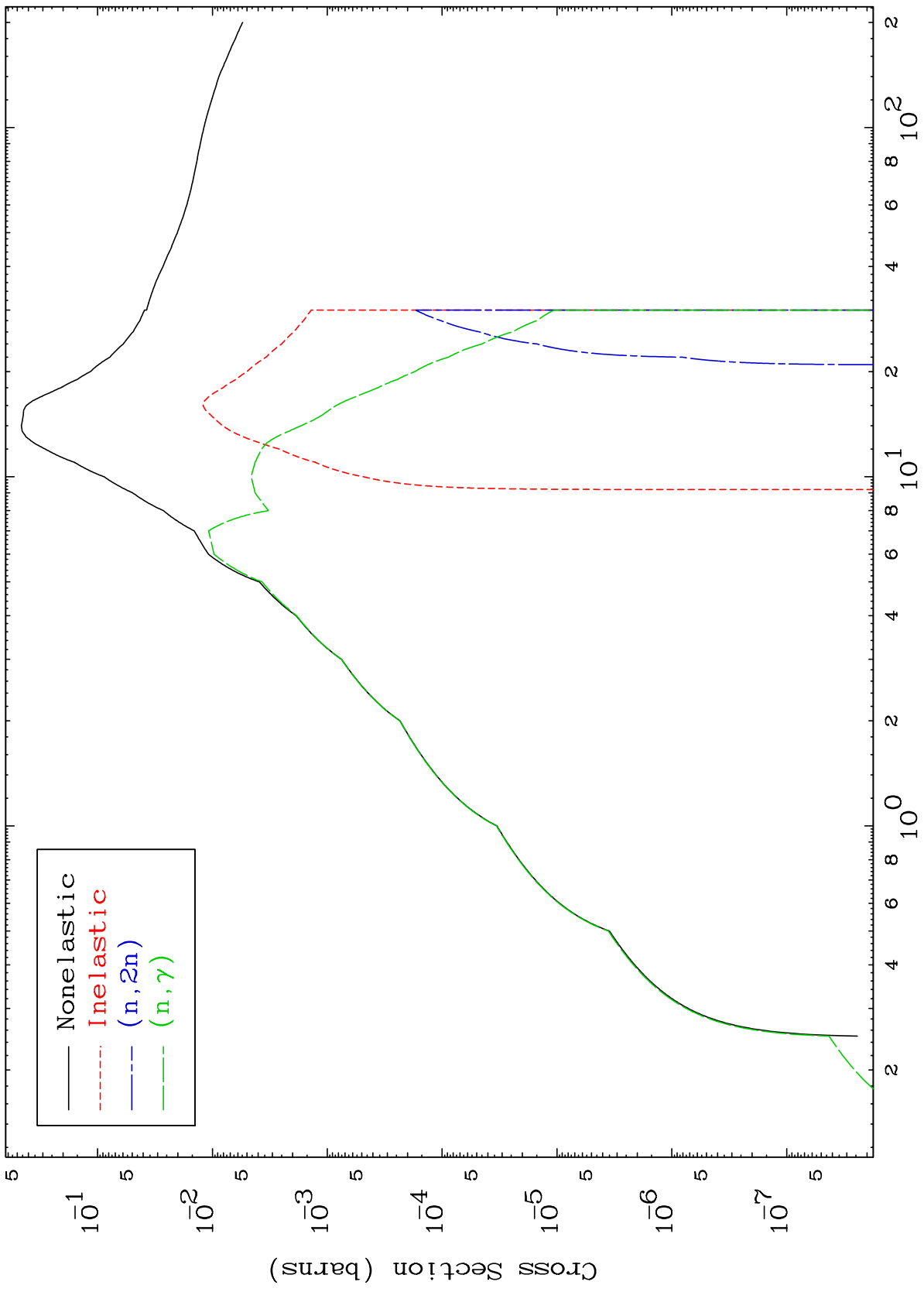
Web: redcullen1.net/HOMEPAGE.NEW

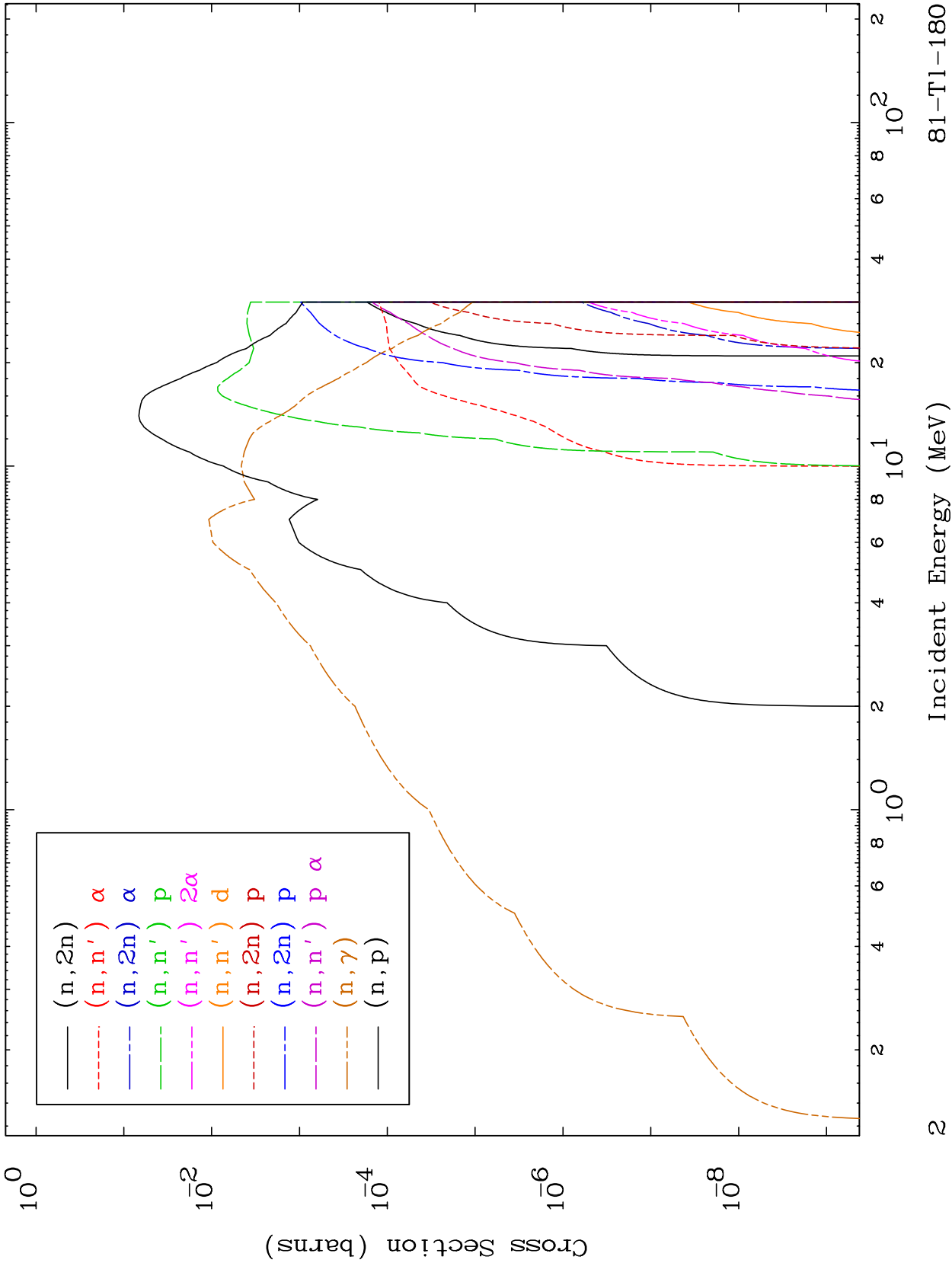
Press Mouse Button to Start

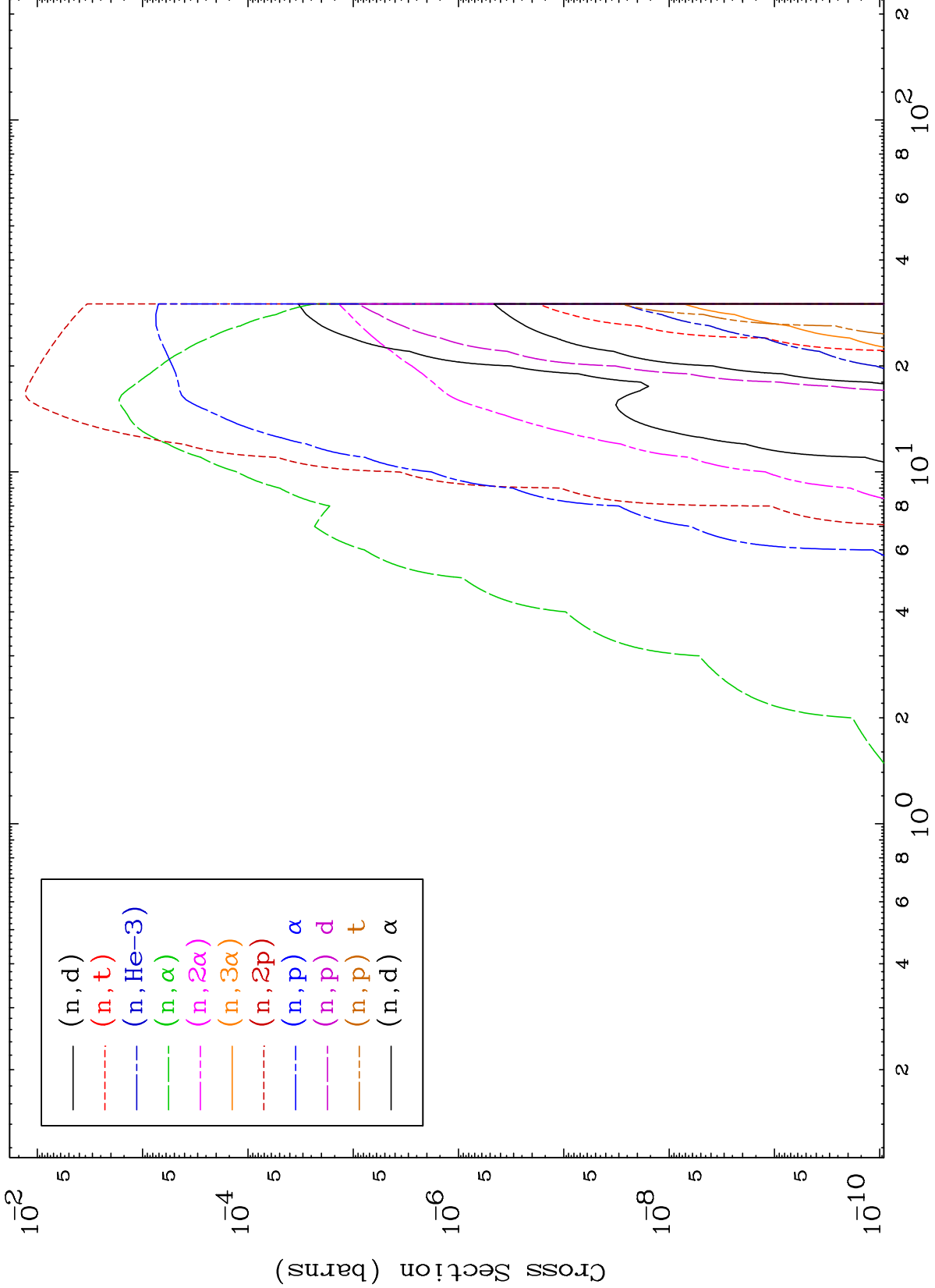
MAT 8056

0 Kelvin Major
Photon Cross Sections

81-Tl-180



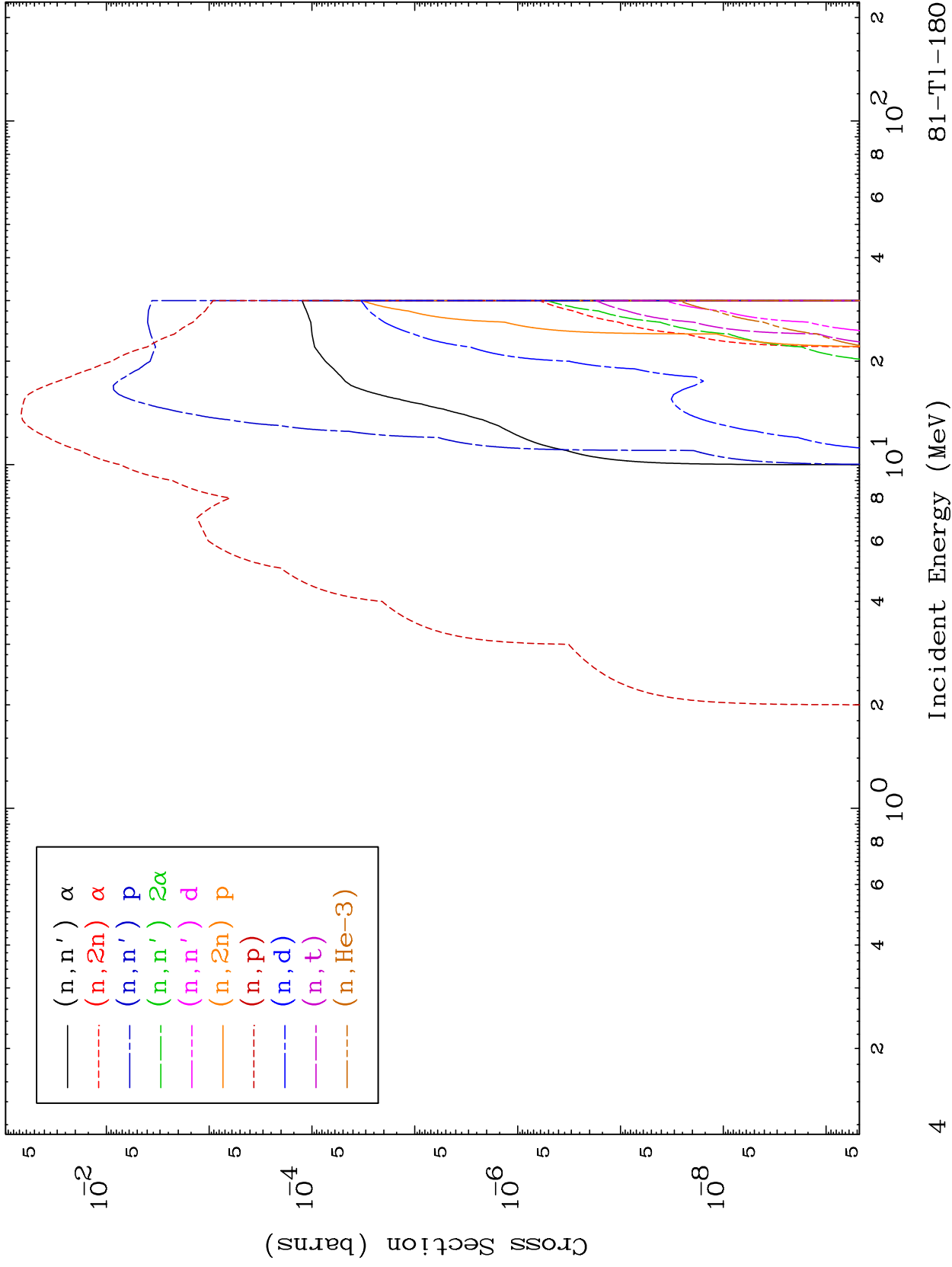


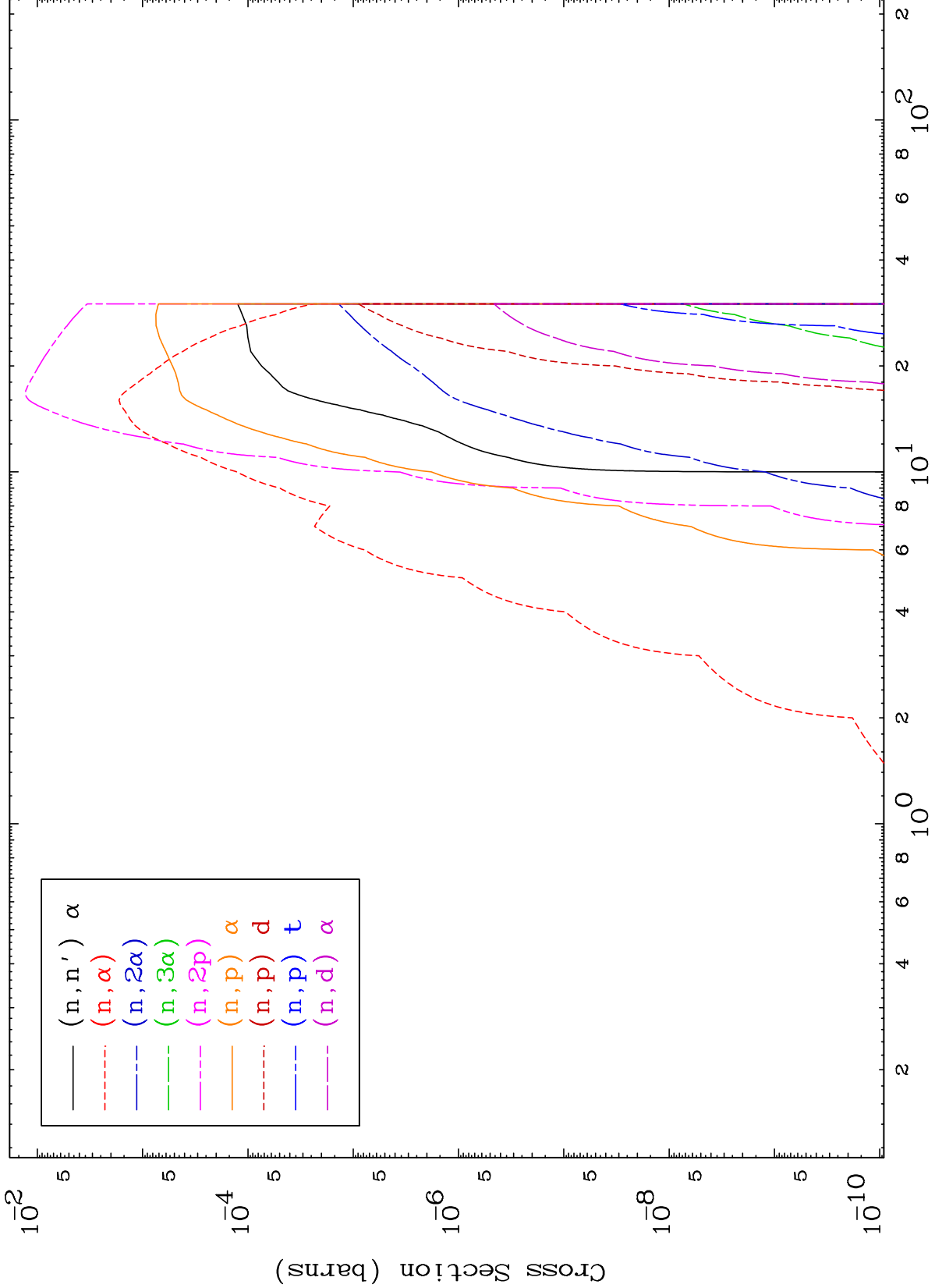


MAT 80566

Photon Charged Particle
0 Kelvin Cross Sections

81-Tl-180

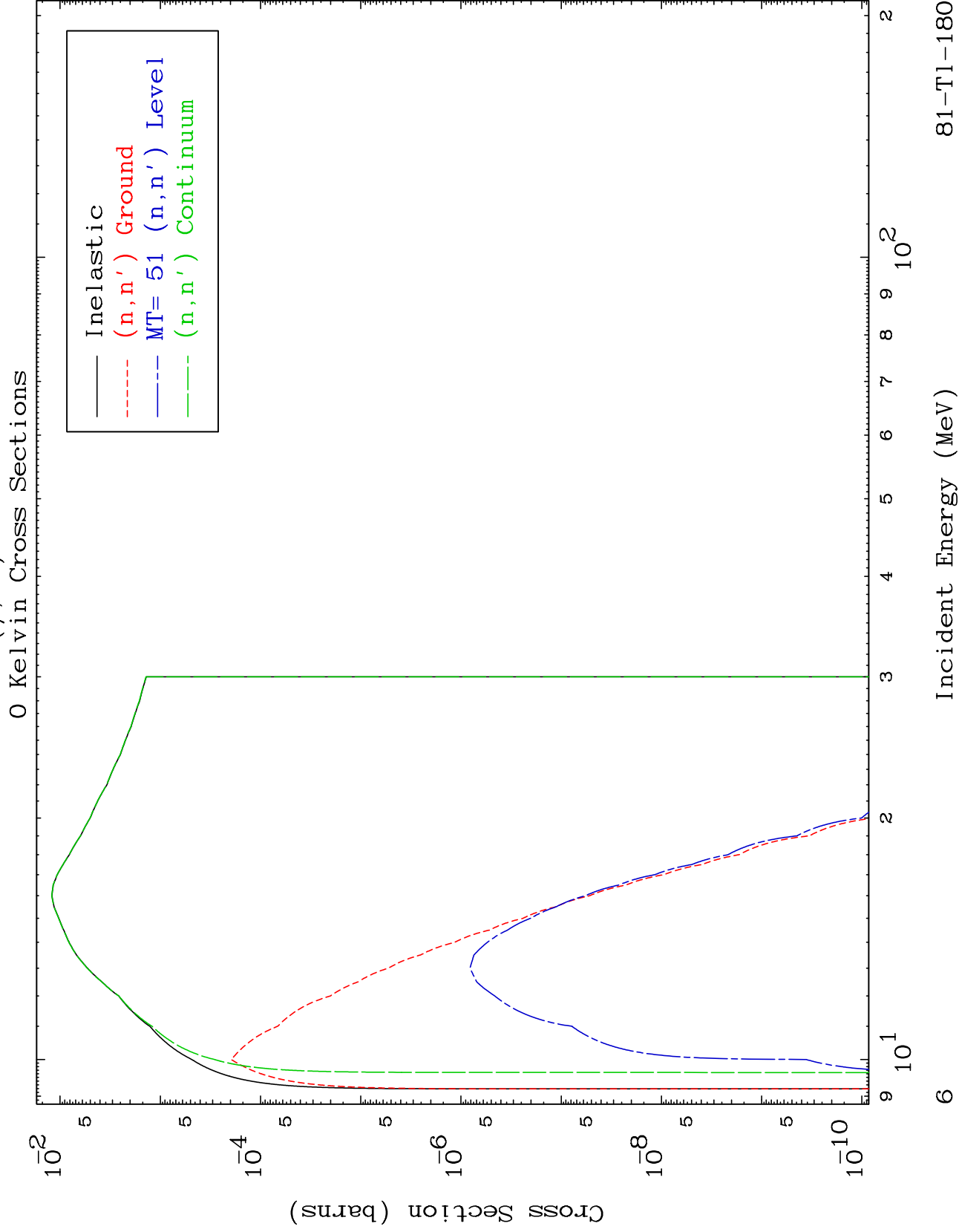




MAT 8056

(γ, n') Levels

81-Tl-180



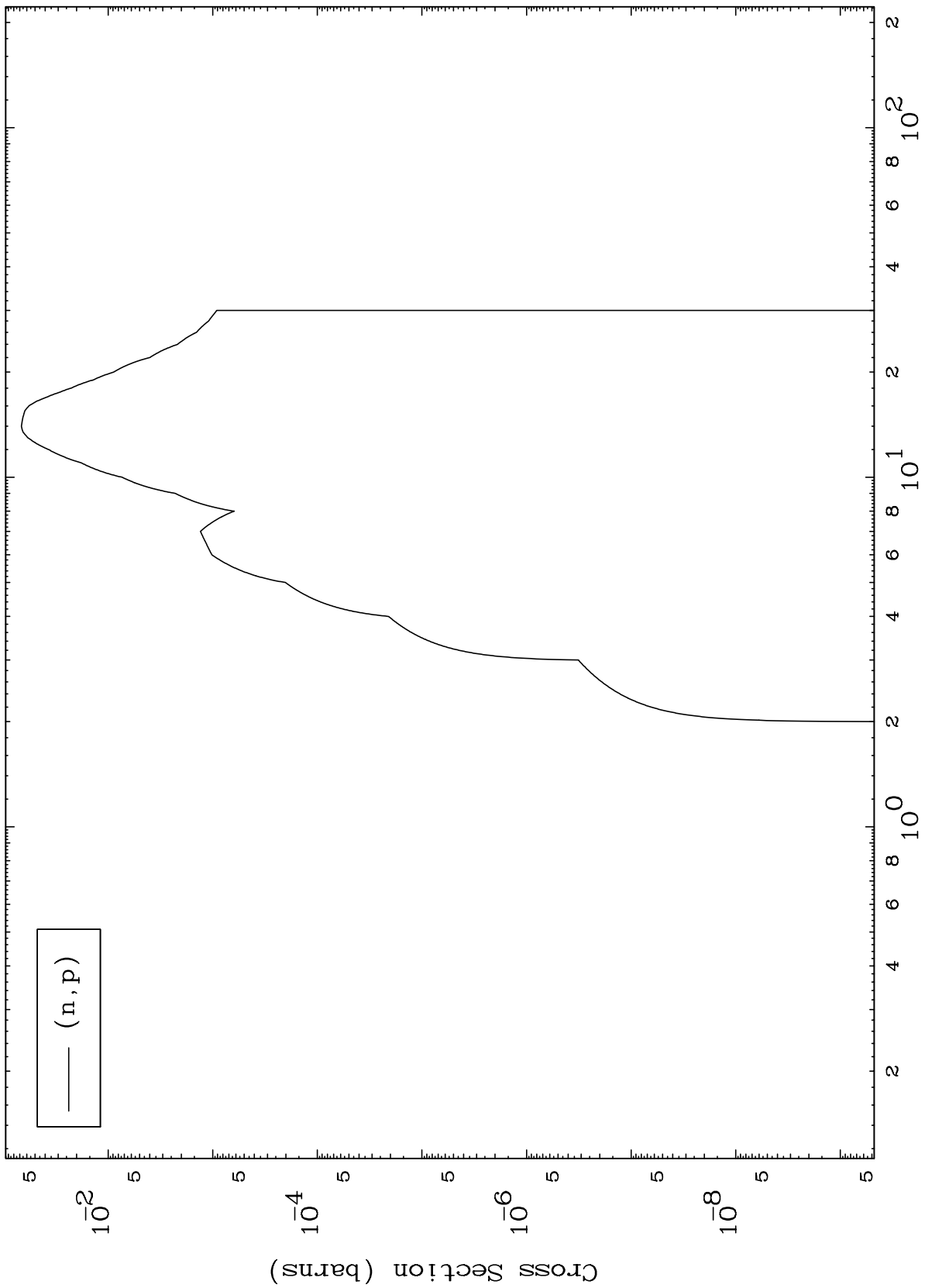
81-Tl-180

MAT 8056

(γ, p) Levels

81-Tl-180

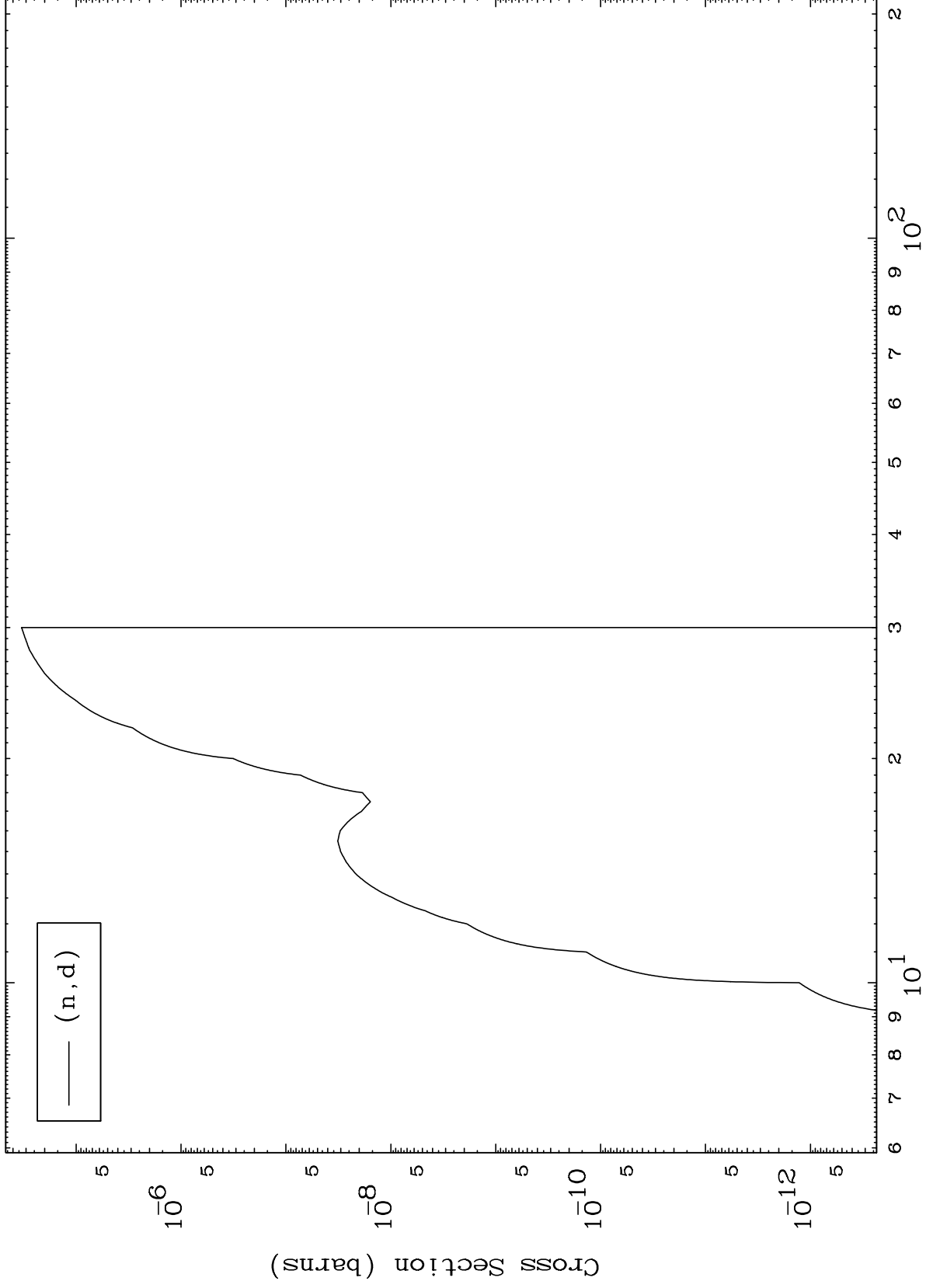
0 Kelvin Cross Sections



MAT 8056

(γ, d) Levels
0 Kelvin Cross Sections

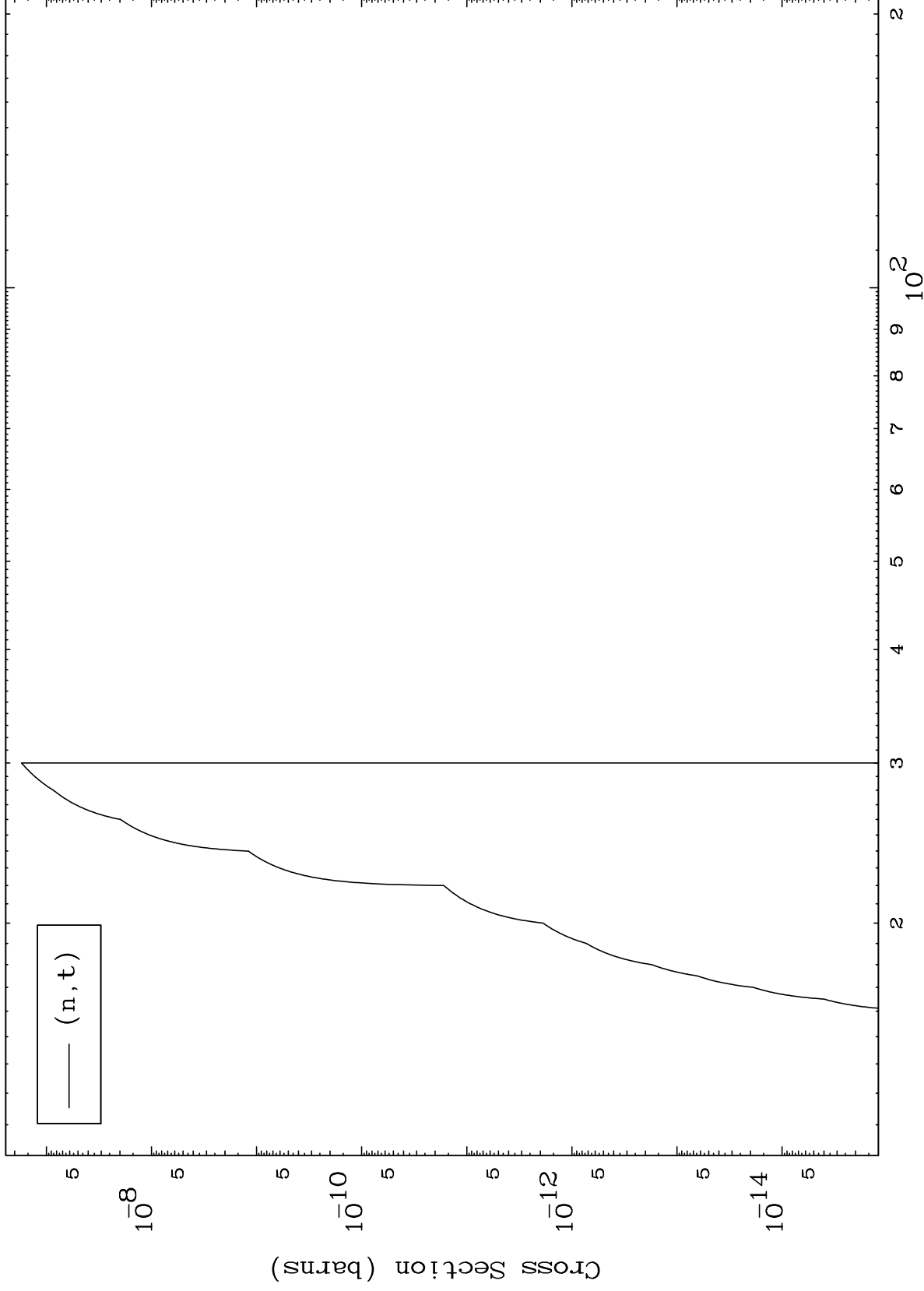
81-Tl-180



8

Incident Energy (MeV)

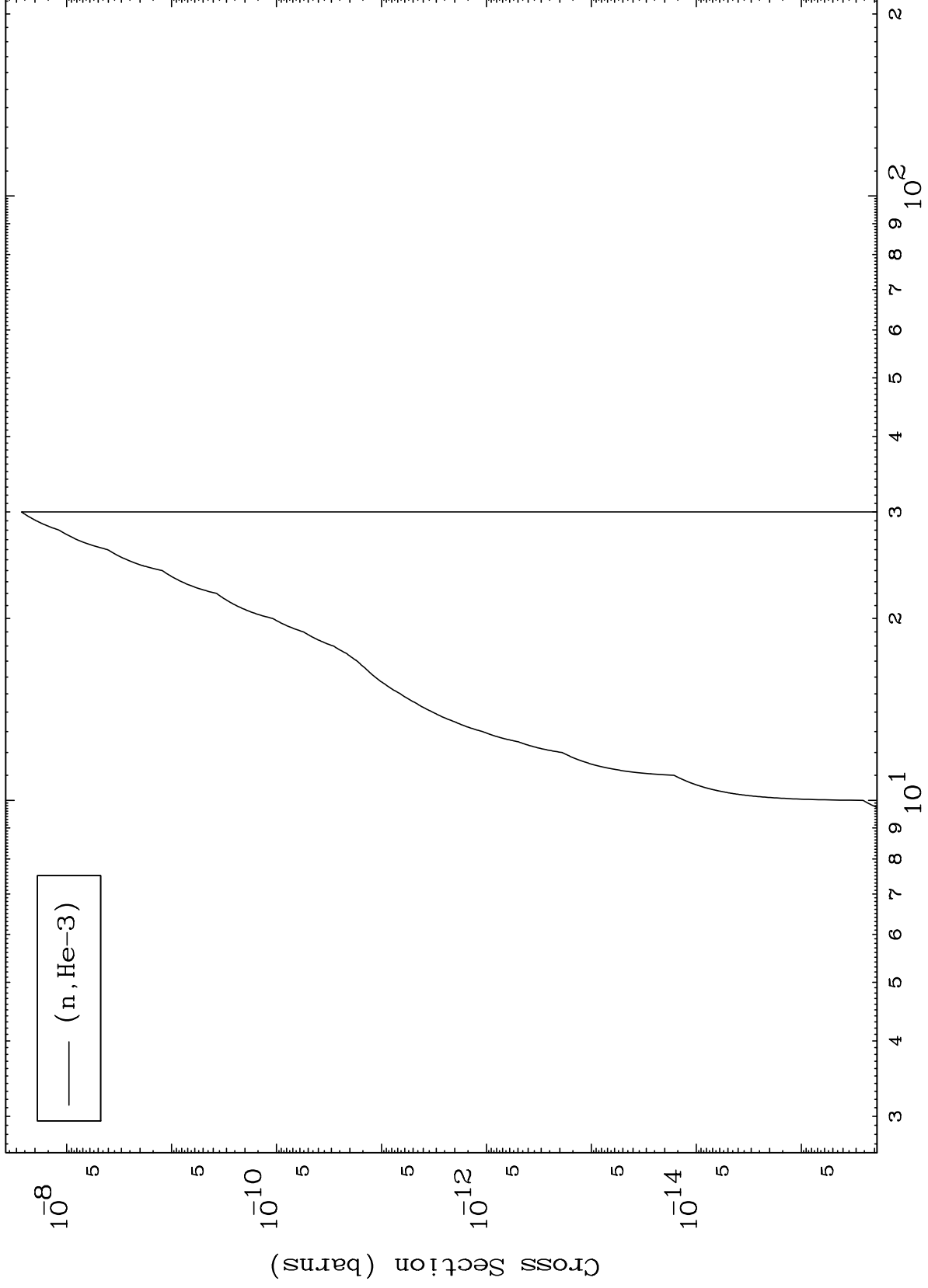
81-Tl-180



MAT 8056

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

81-T1-180



10

Incident Energy (MeV)

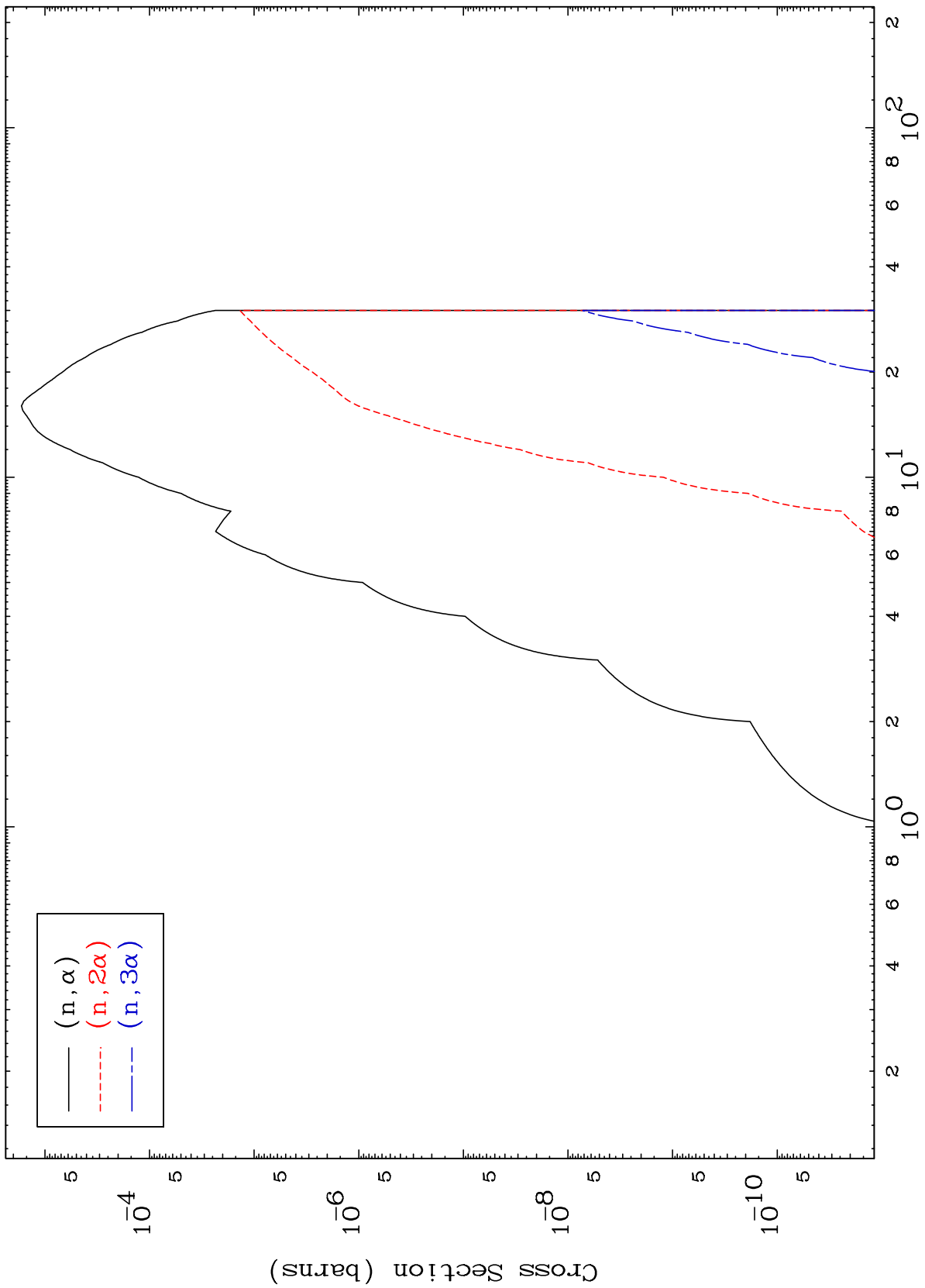
81-T1-180

MAT 8056

(γ, α) Levels

81-Tl-180

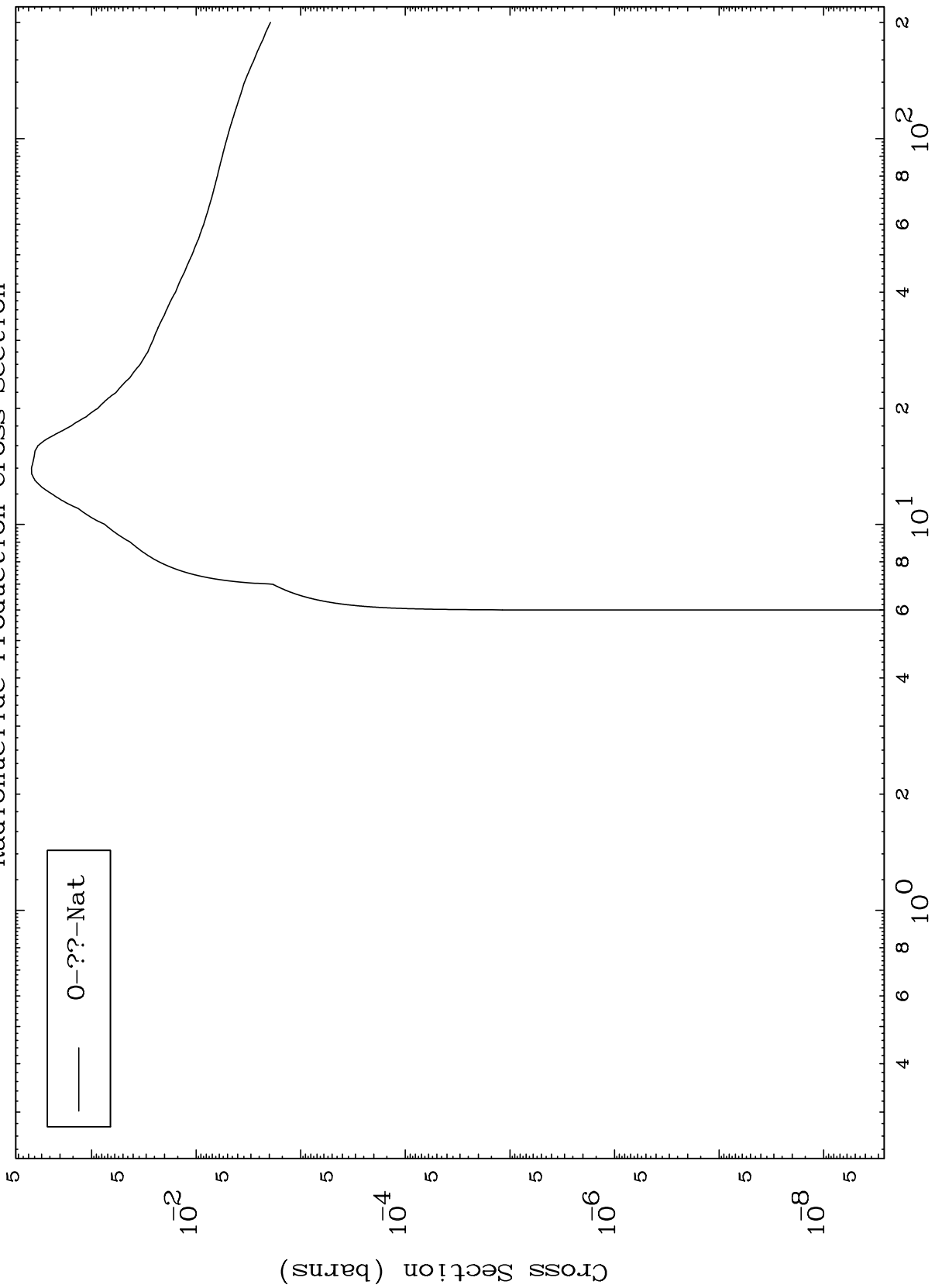
0 Kelvin Cross Sections



MAT 8056

81-Tl-180

Fission
Radionuclide Production Cross Section



12

81-Tl-180

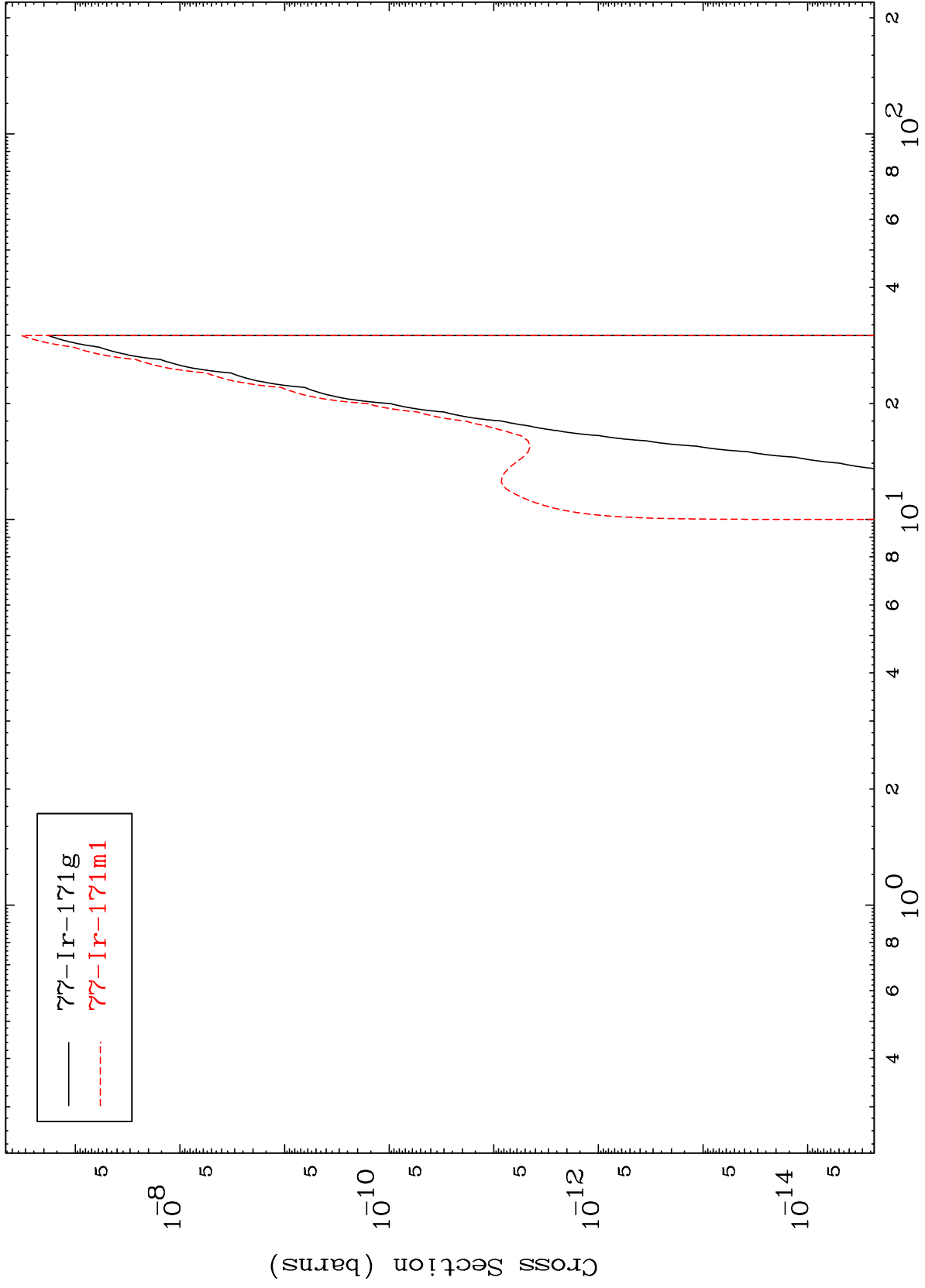
Incident Energy (MeV)

MAT 8056

(n,n') 2 α

81-Tl-180

Radionuclide Production Cross Section

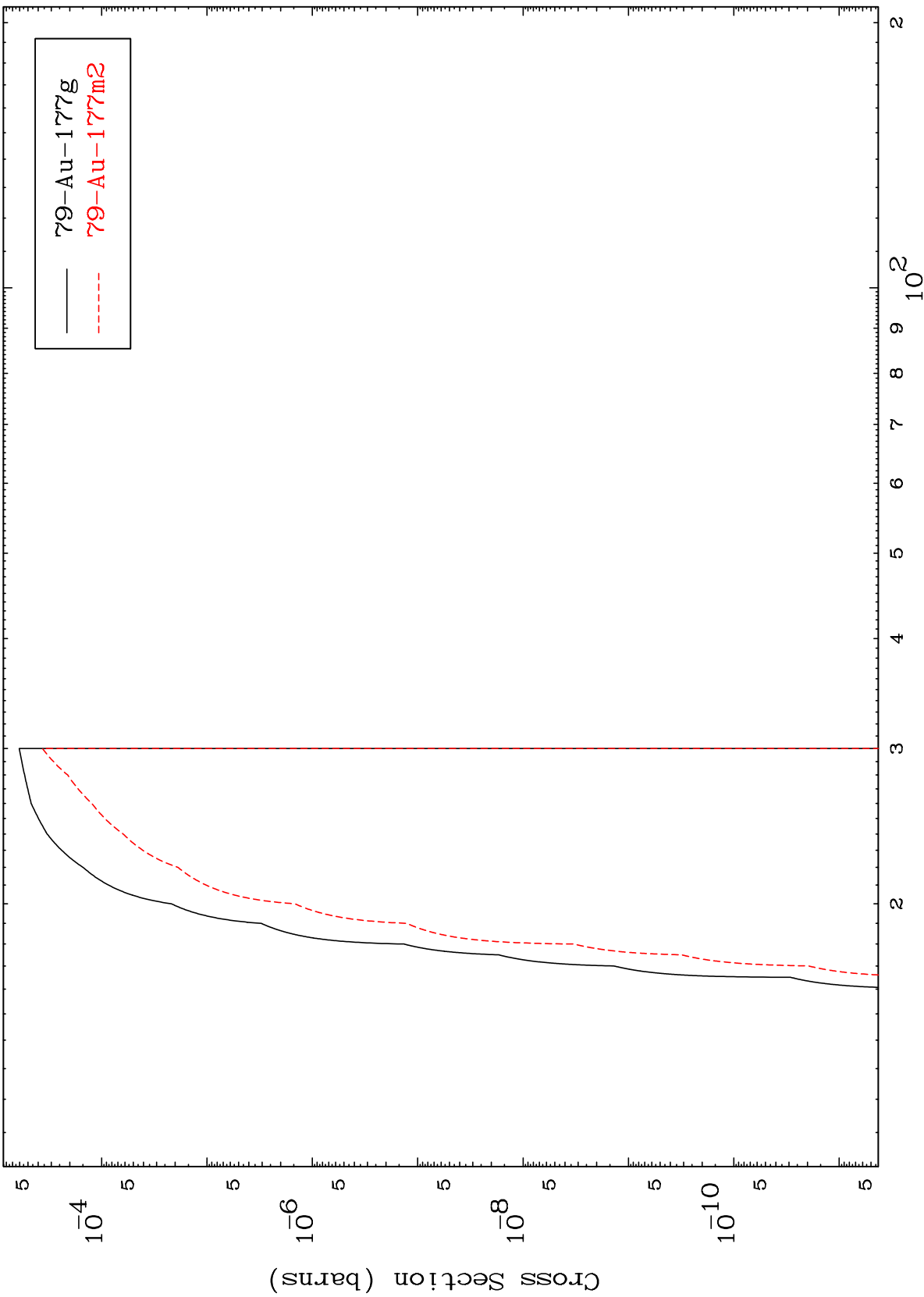


MAT 8056

(n,2n) p

81-Tl-180

Radionuclide Production Cross Section



14

Incident Energy (MeV)

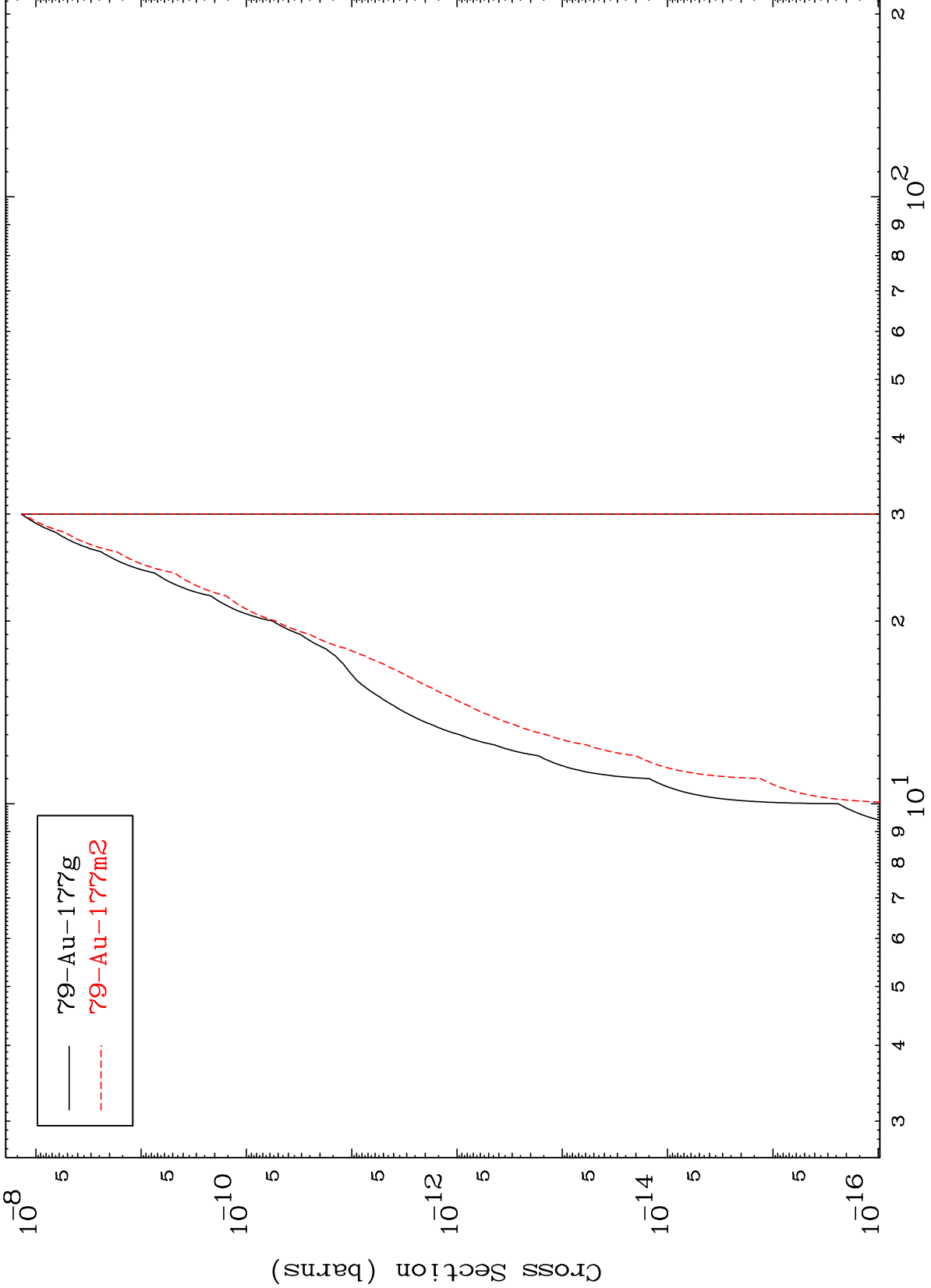
81-Tl-180

MAT 8056

(n,He-3)

81-Tl-180

Radionuclide Production Cross Section



15

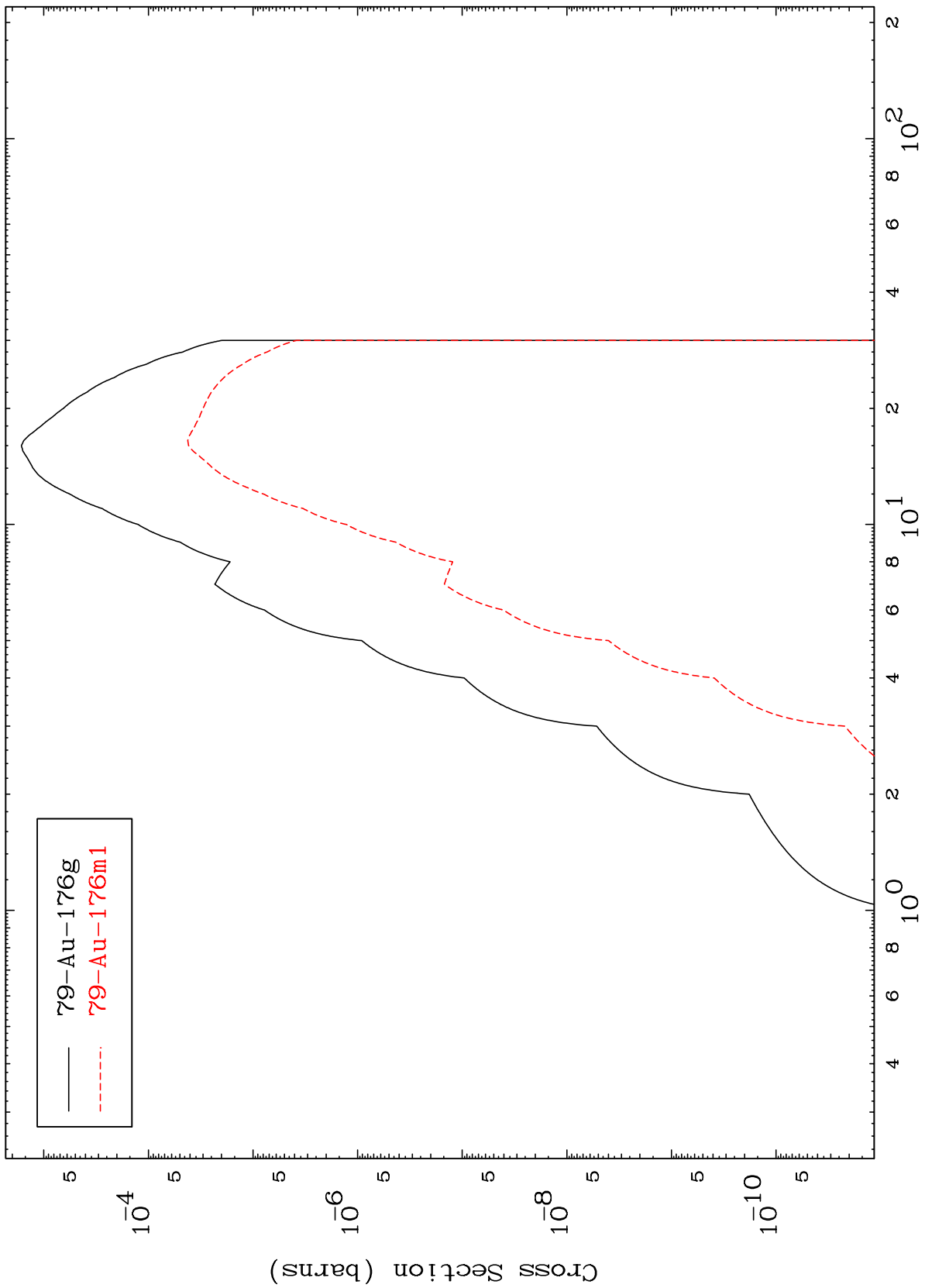
Incident Energy (MeV)

81-Tl-180

MAT 8056

81-Tl-180

(n, α)
Radionuclide Production Cross Section



16

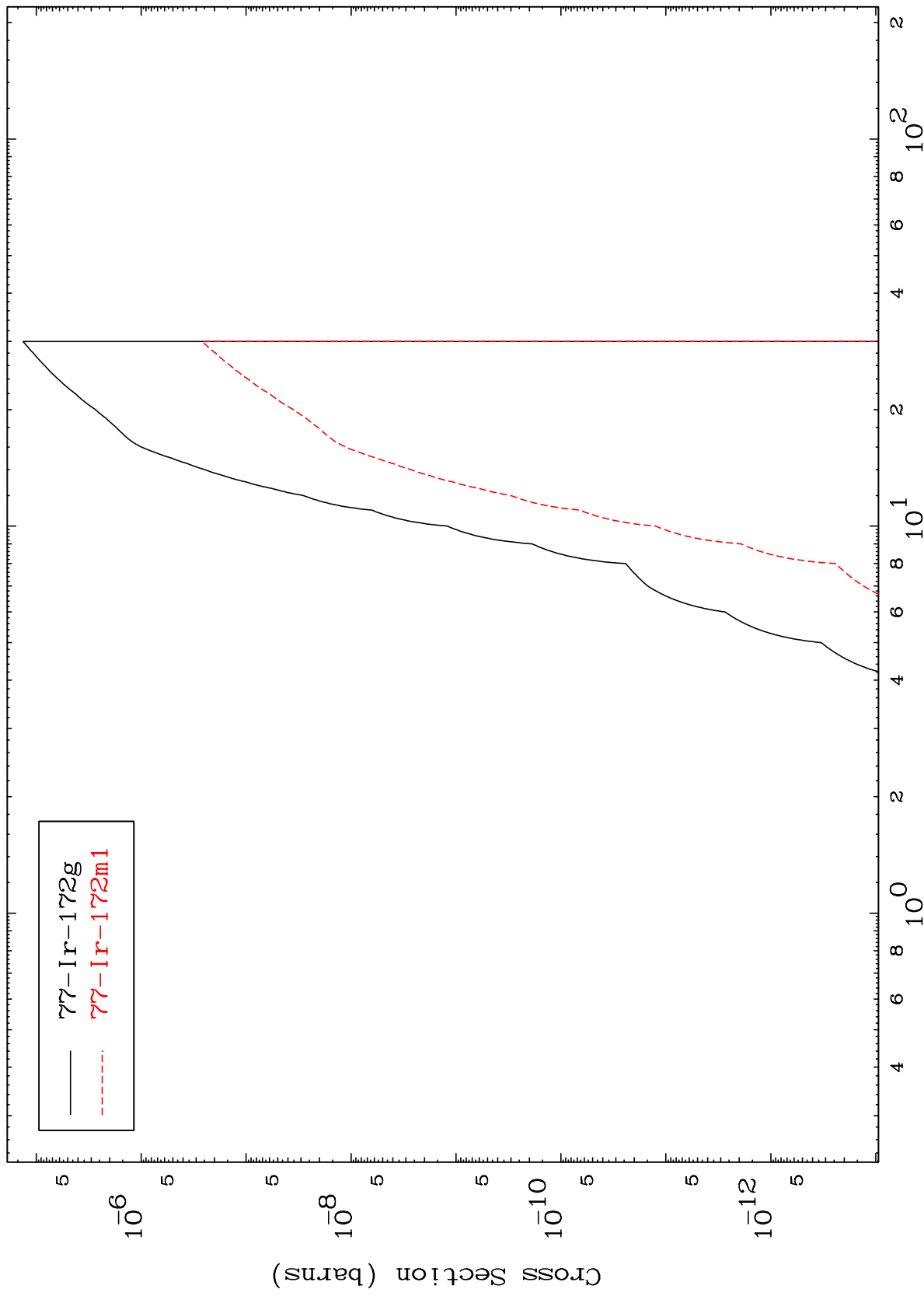
81-Tl-180

Incident Energy (MeV)

MAT 8056

81-Tl-180

Radionuclide Production Cross Section
(n,2α)



17

81-Tl-180

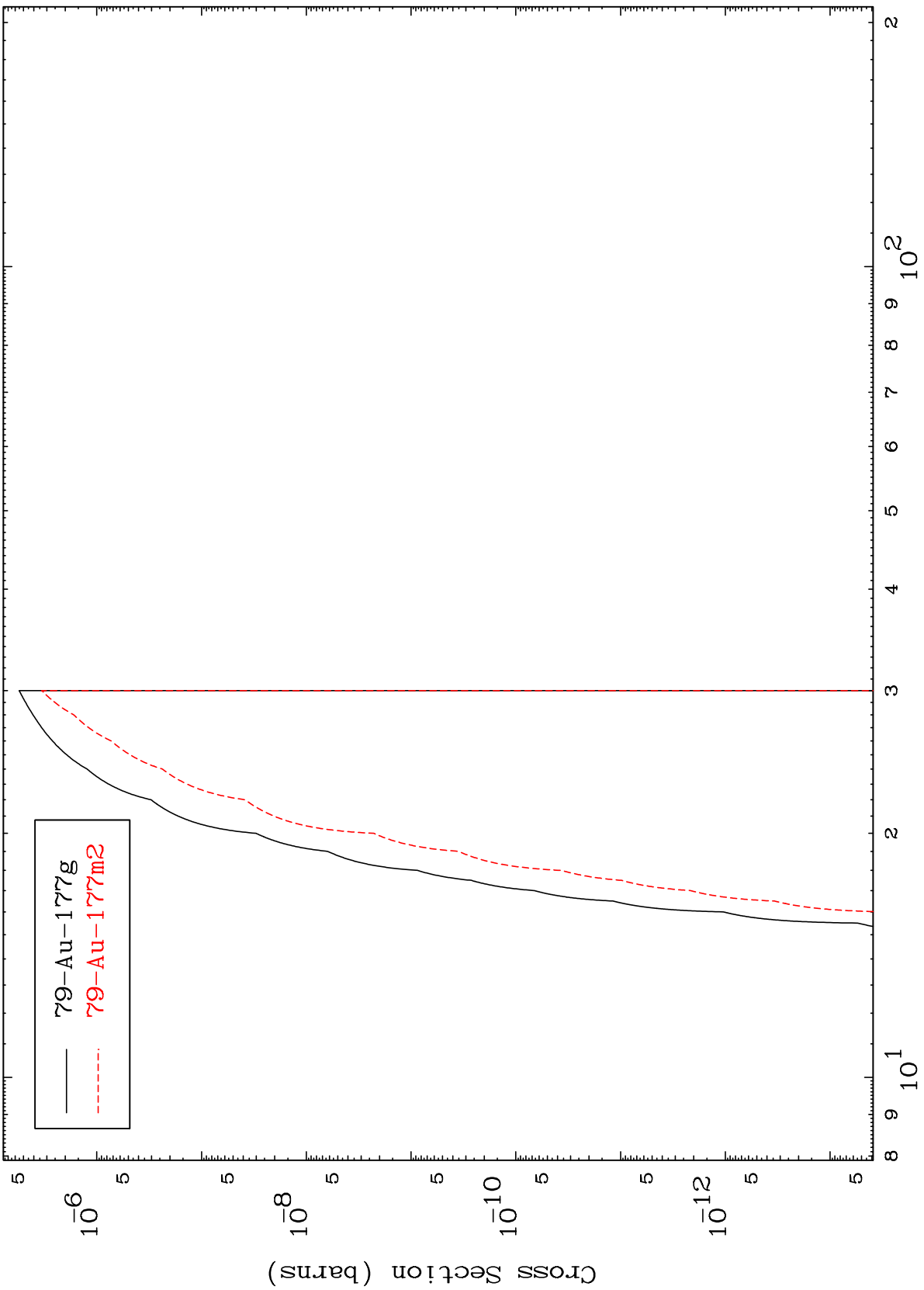
Incident Energy (MeV)

MAT 8056

(n,p) d

81-Tl-180

Radionuclide Production Cross Section



18

Incident Energy (MeV)

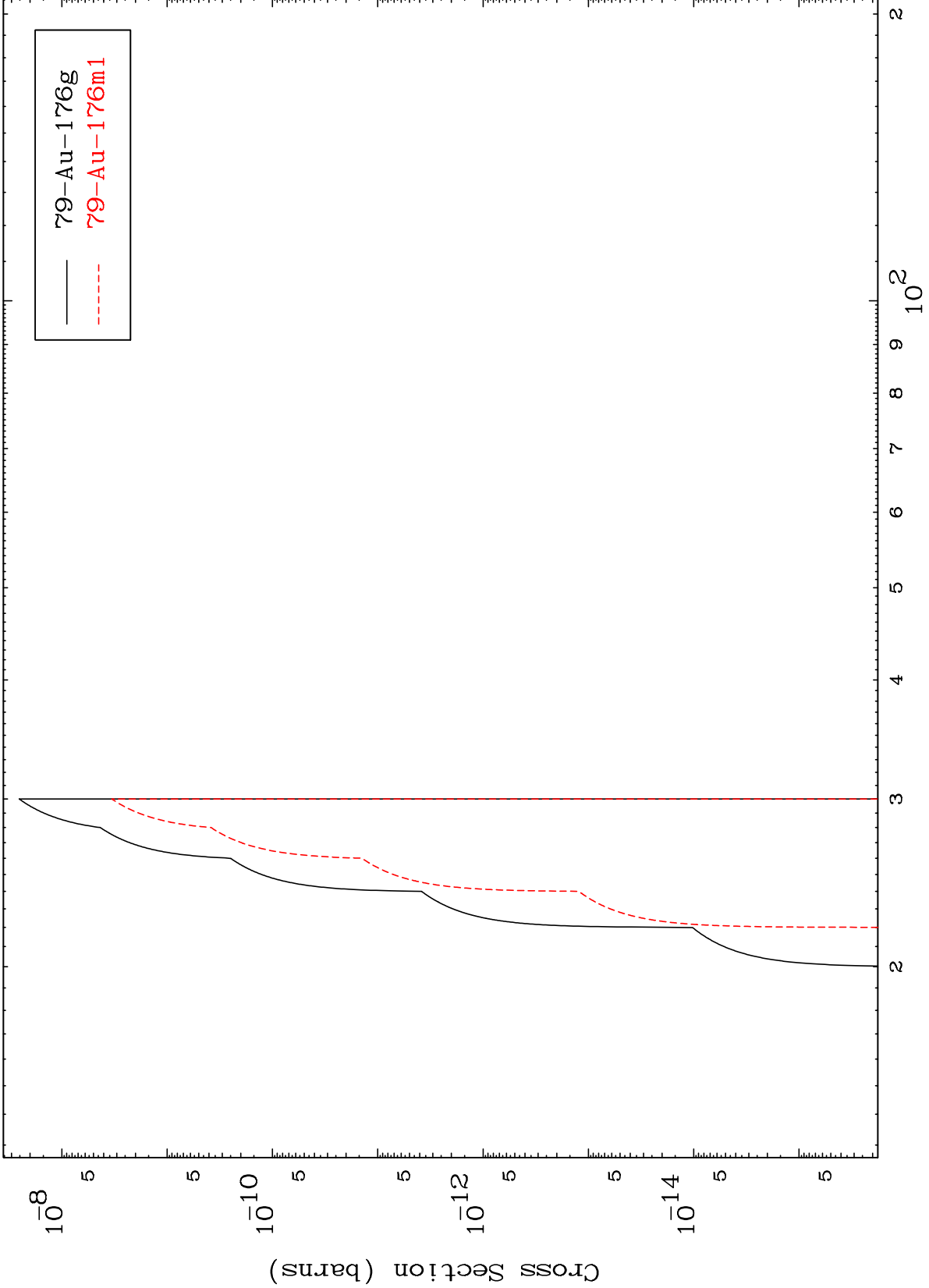
81-Tl-180

MAT 8056

(n,p) t

81-Tl-180

Radionuclide Production Cross Section



19

Incident Energy (MeV)

81-Tl-180