

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

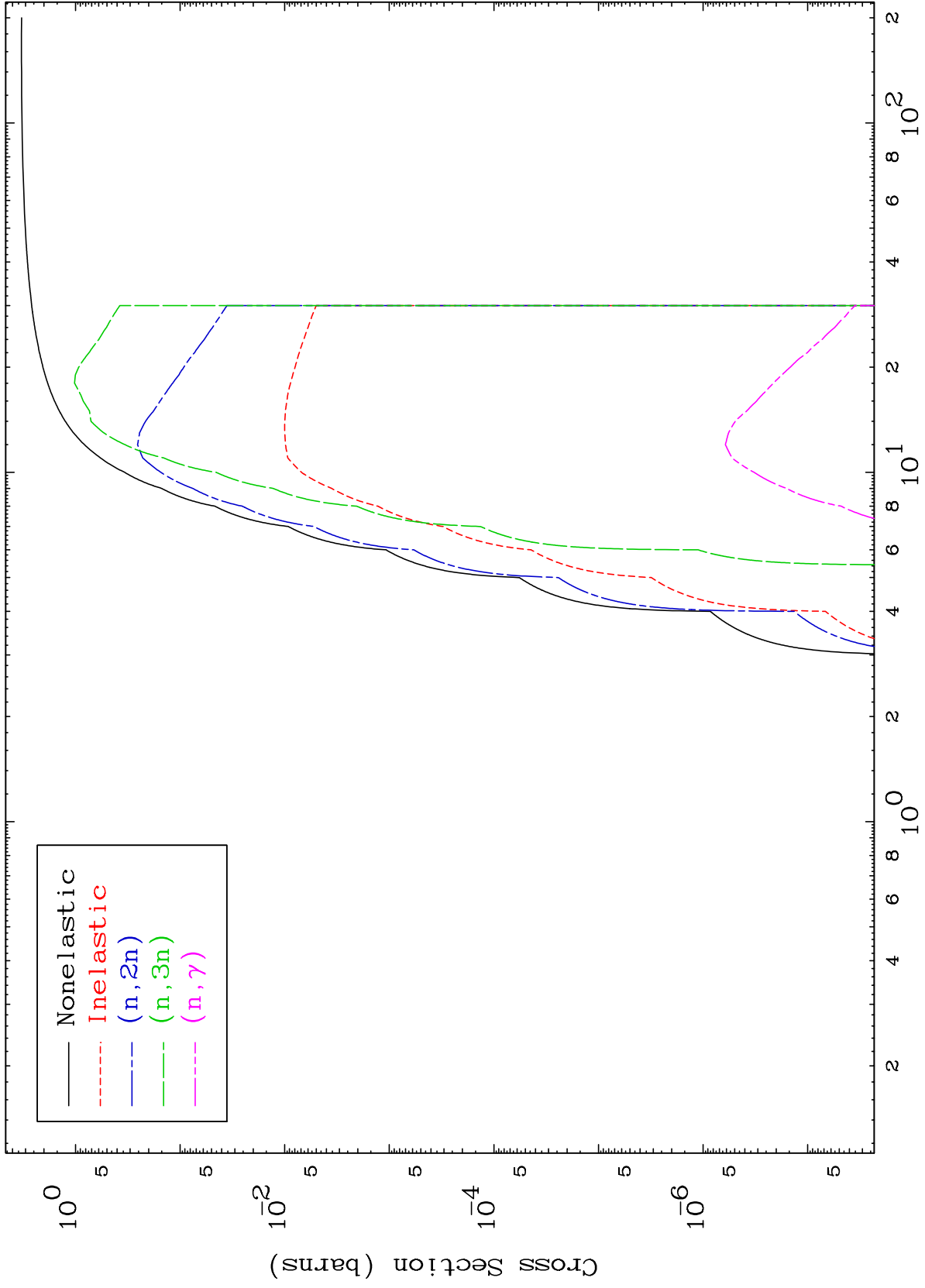
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

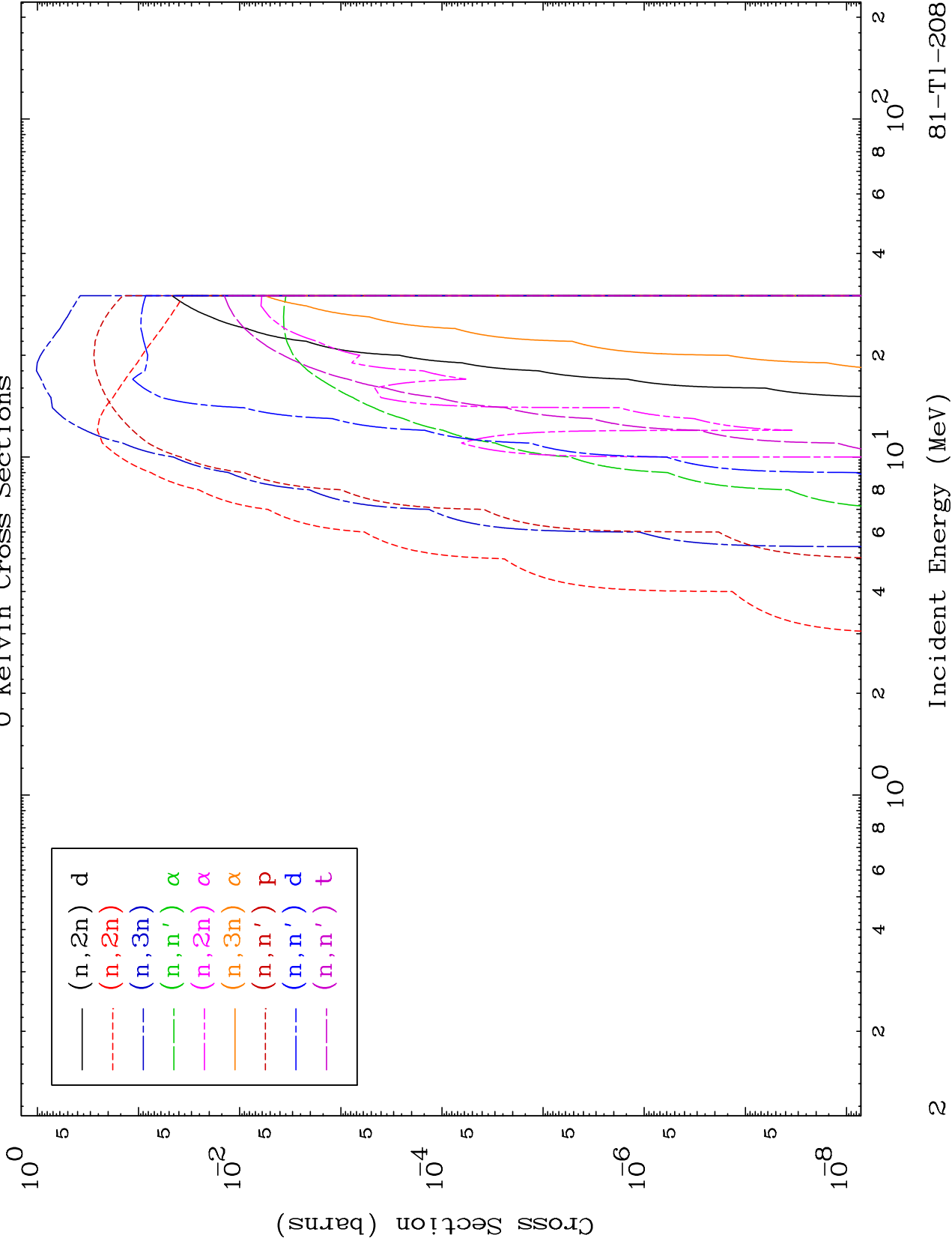
Tele: 925-443-1911

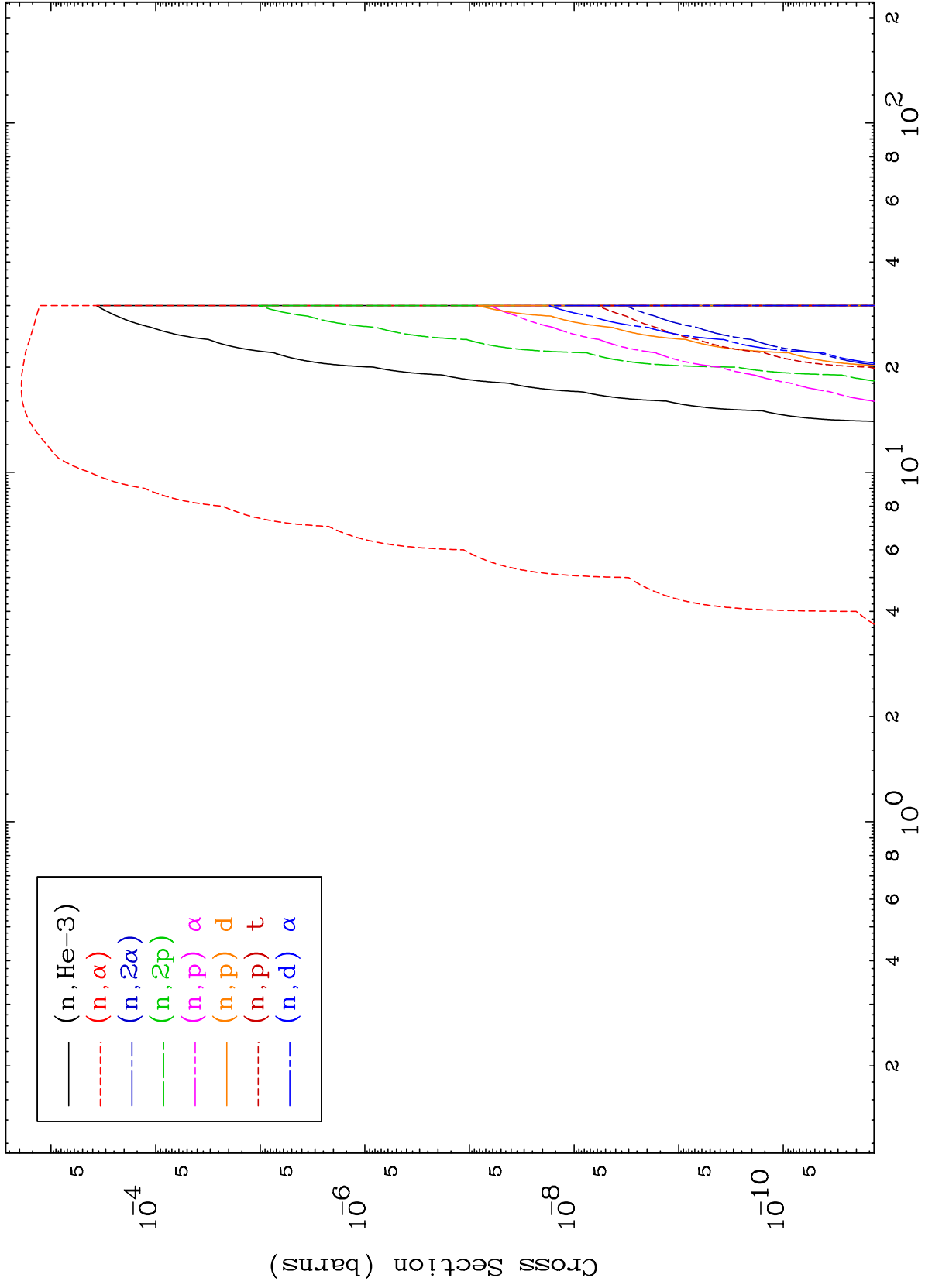
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



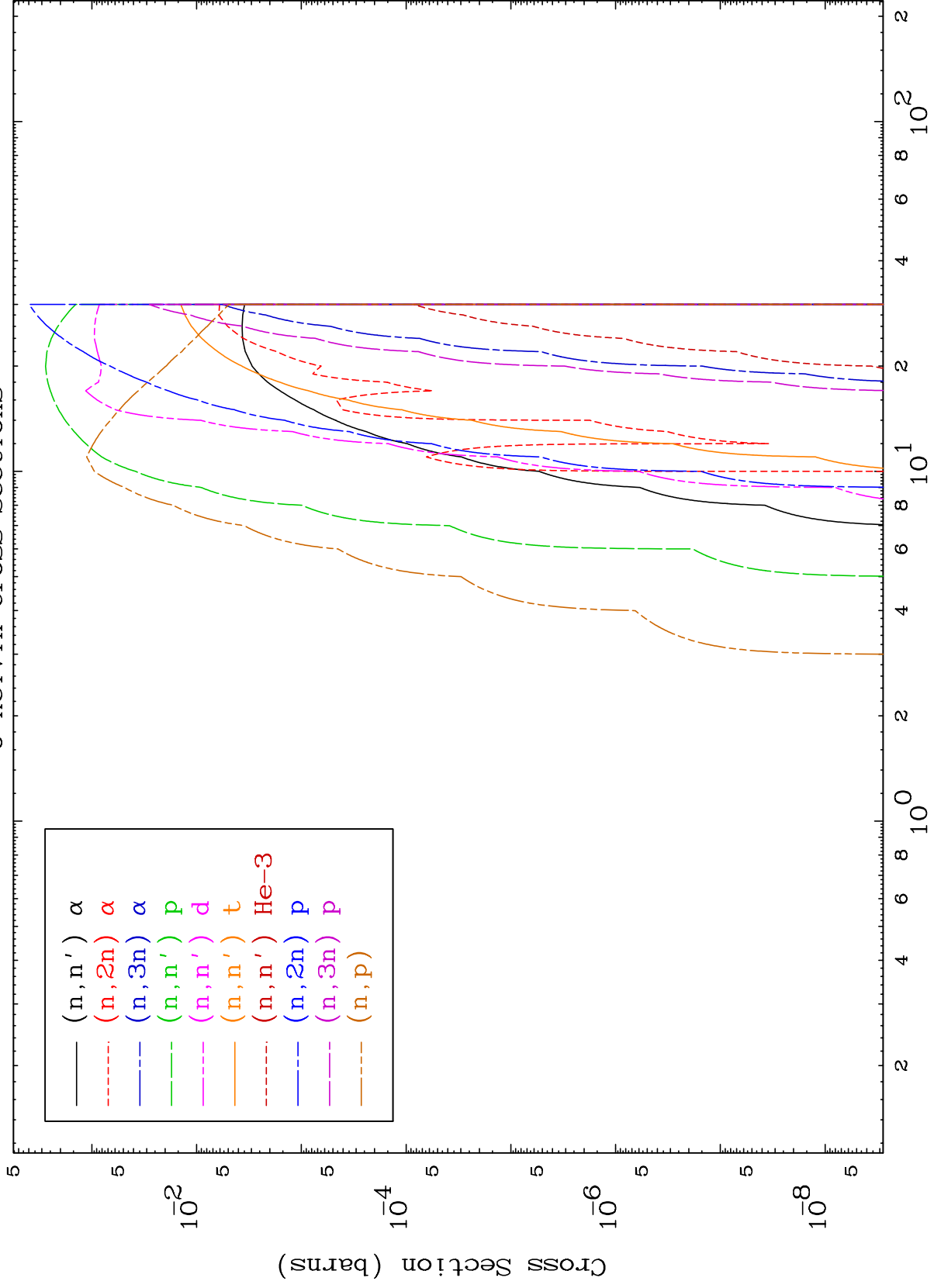




MAT 8140

Deuteron Charged Particle
0 Kelvin Cross Sections

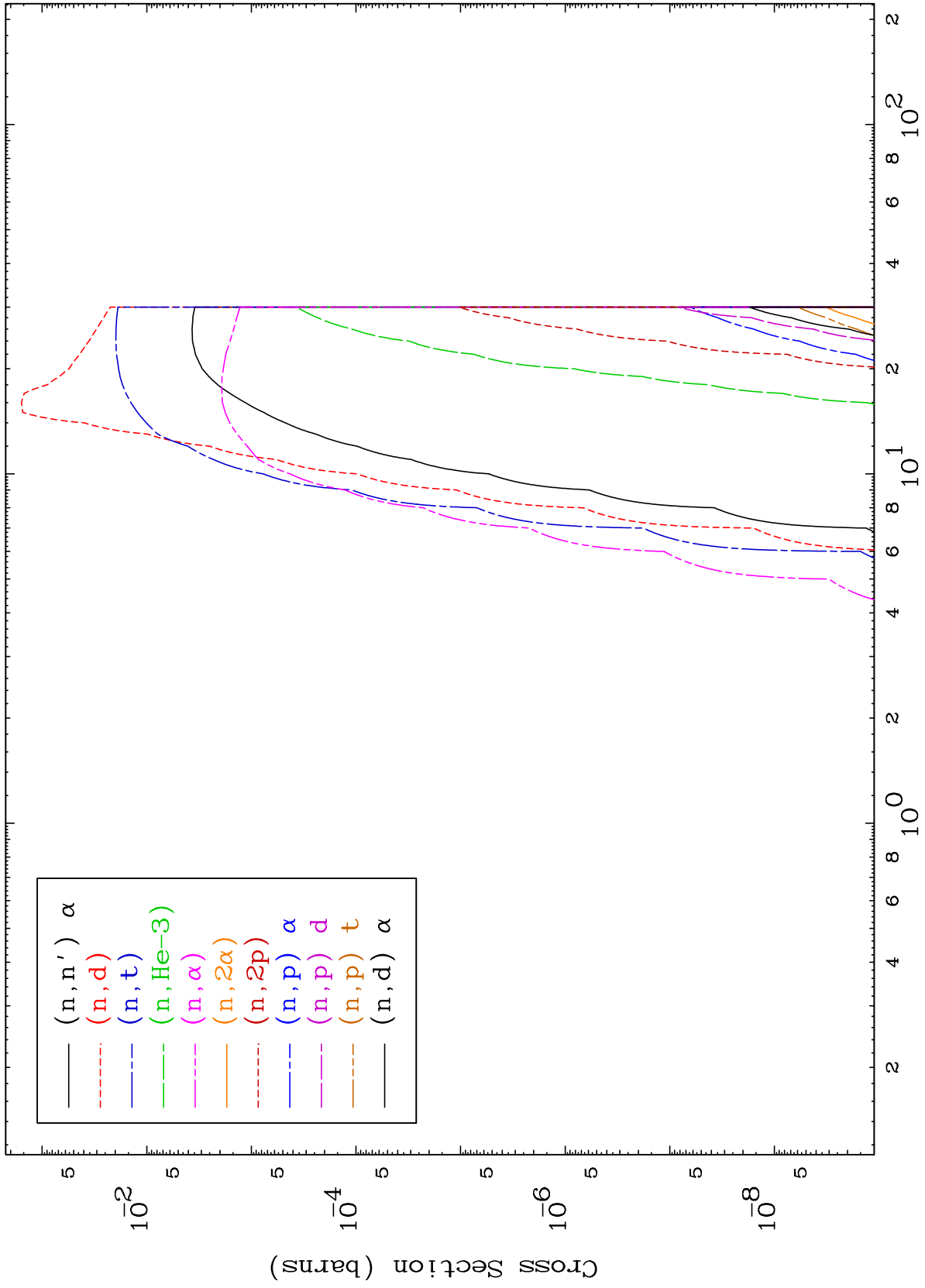
81-Tl-208



5

Incident Energy (MeV)

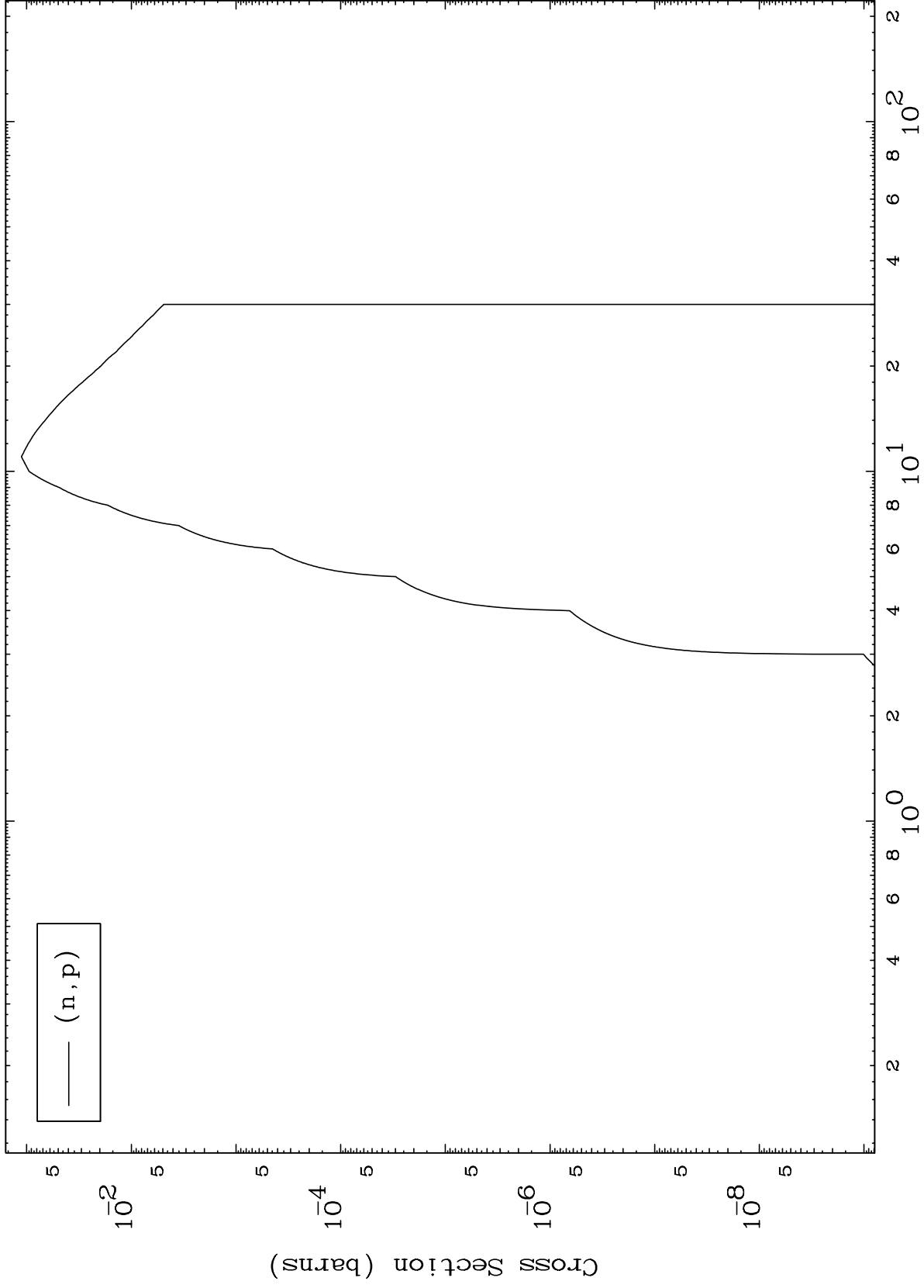
81-Tl-208



MAT 8140

(d,p) Levels
0 Kelvin Cross Sections

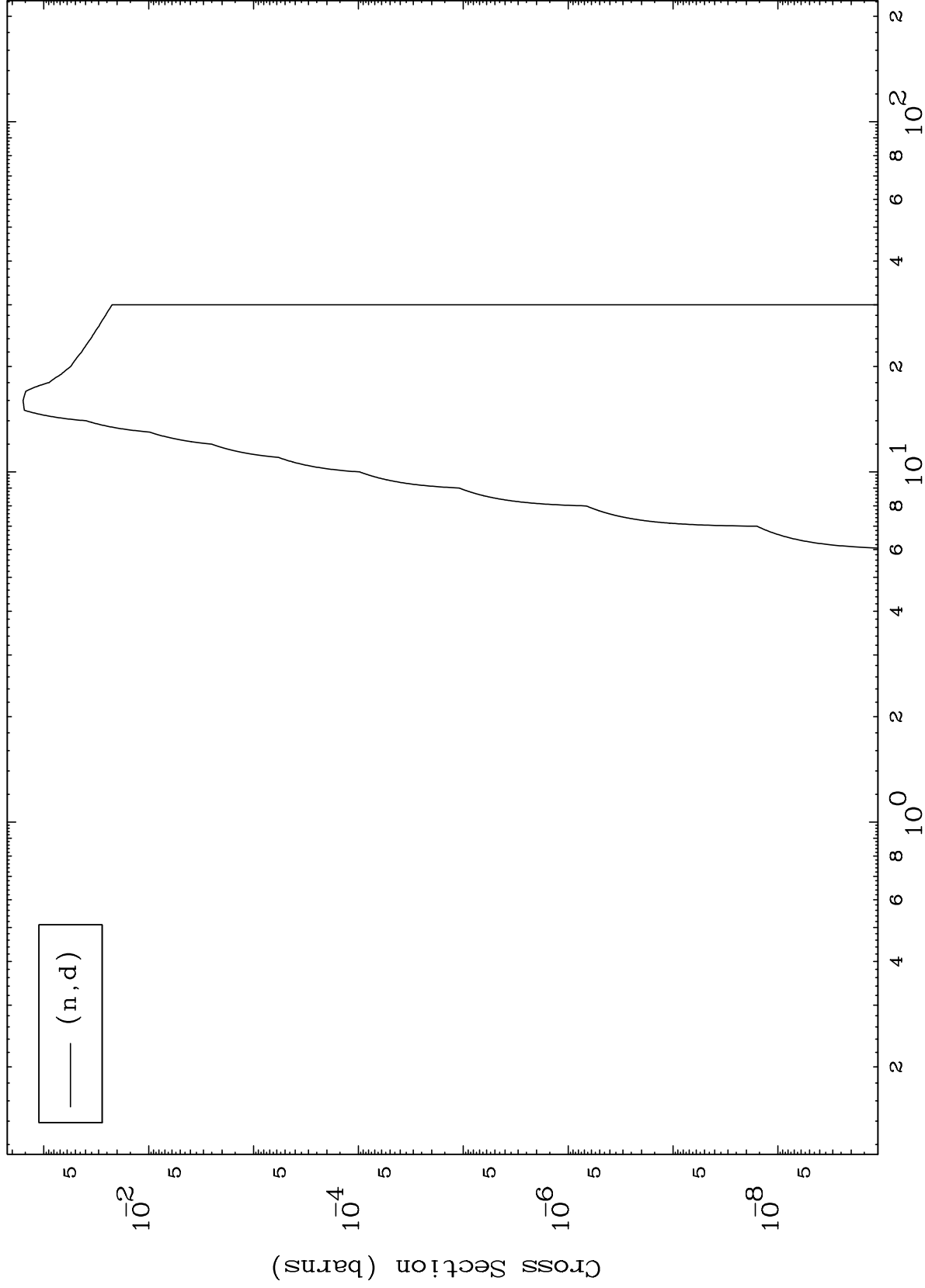
81-Tl-208



MAT 8140

81-Tl-208

(d,d) Levels
0 Kelvin Cross Sections

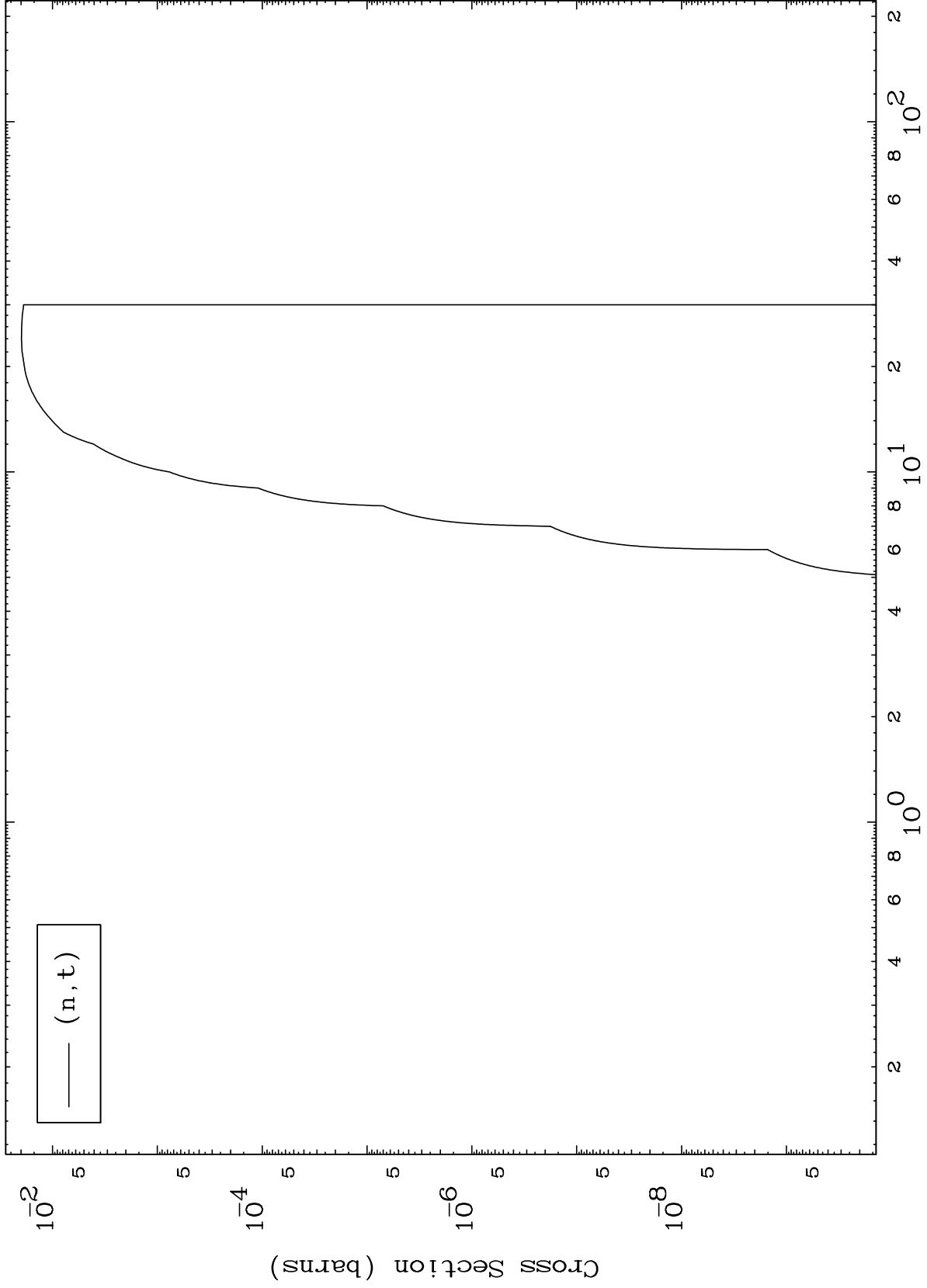


MAT 8140

(d, t) Levels

81-Tl-208

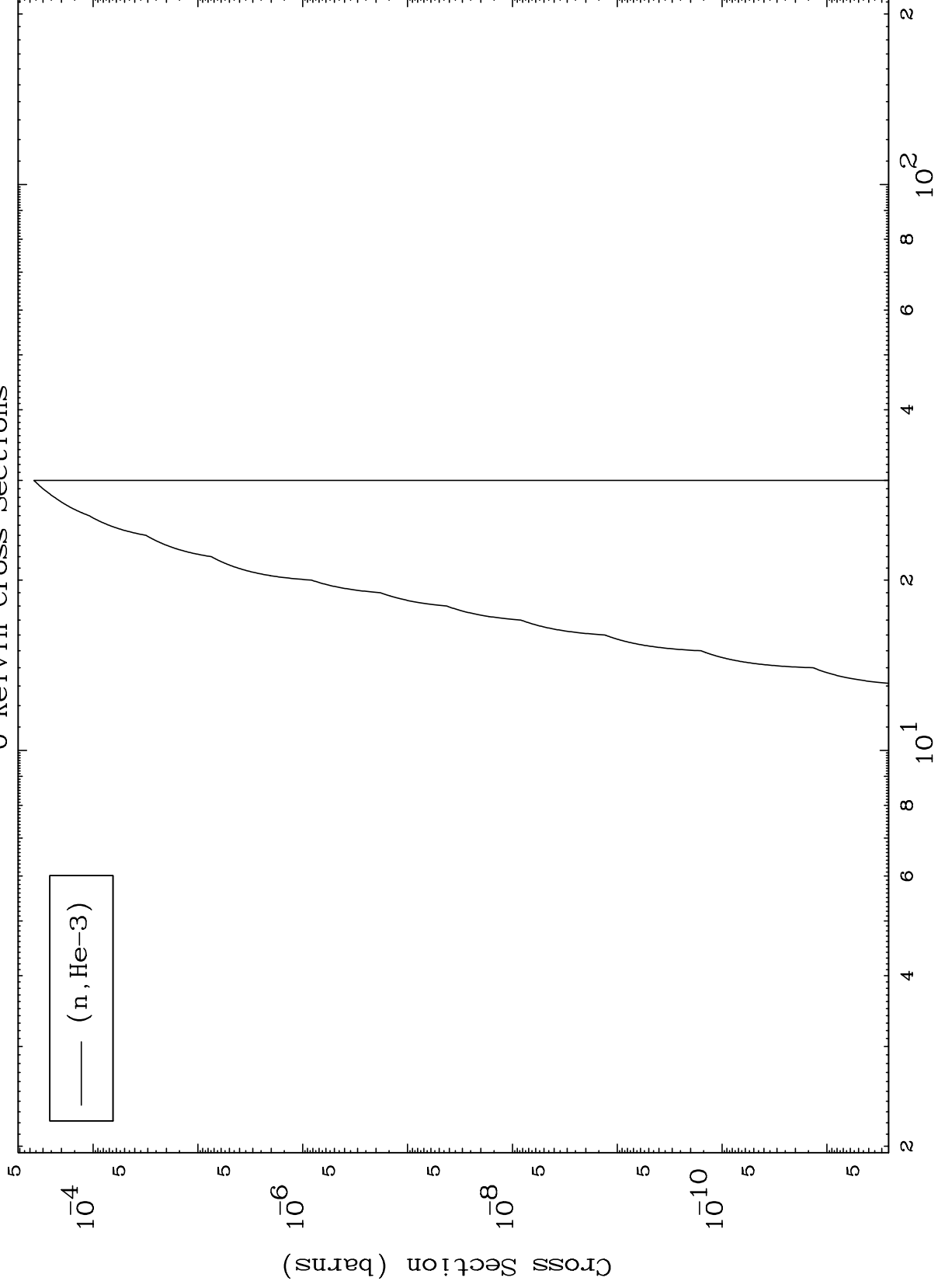
0 Kelvin Cross Sections



MAT 8140

(d,He3) Levels
0 Kelvin Cross Sections

81-Tl-208



10

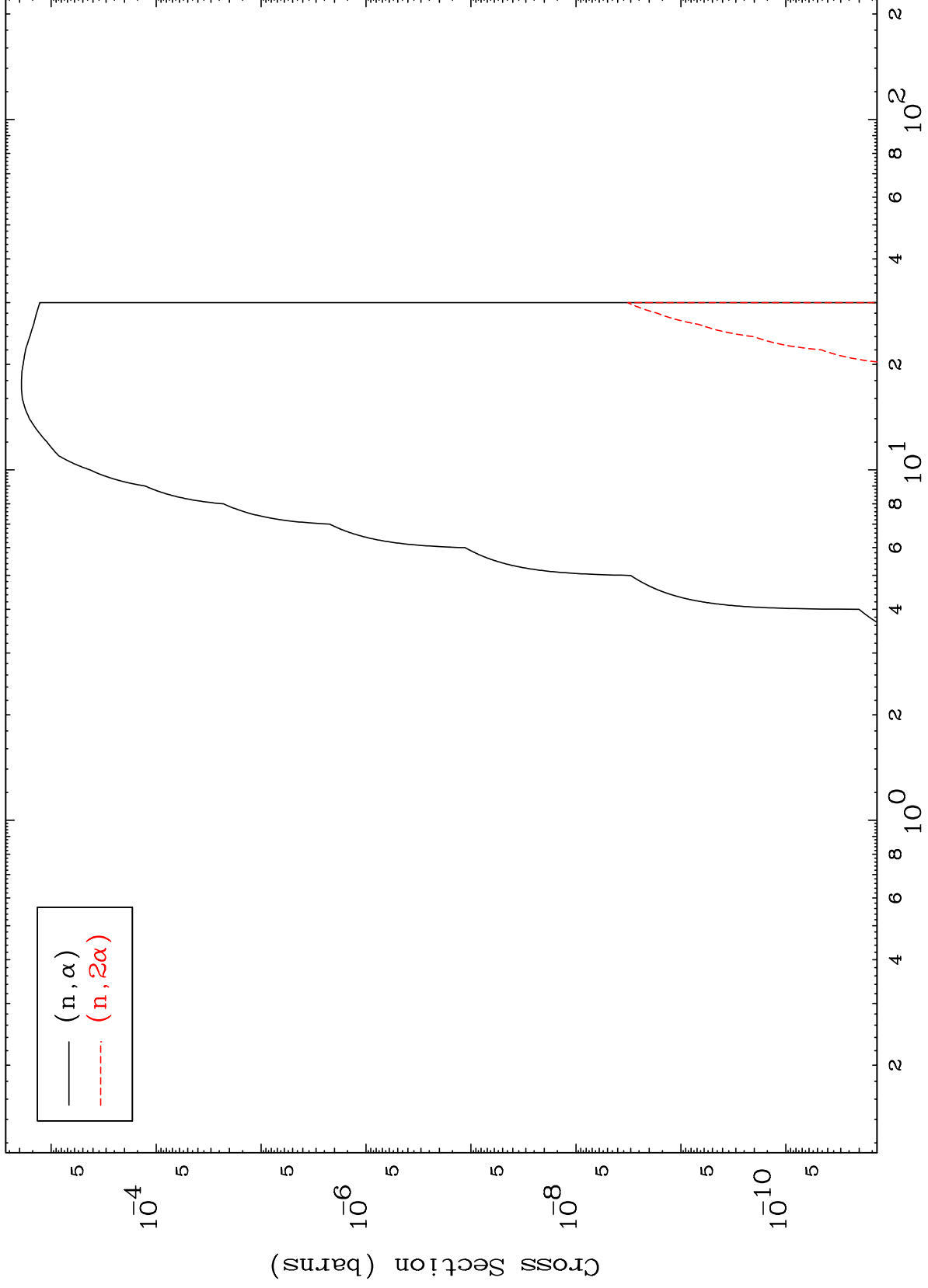
Incident Energy (MeV)

81-Tl-208

MAT 8140

(d, α) Levels
0 Kelvin Cross Sections

81-Tl-208

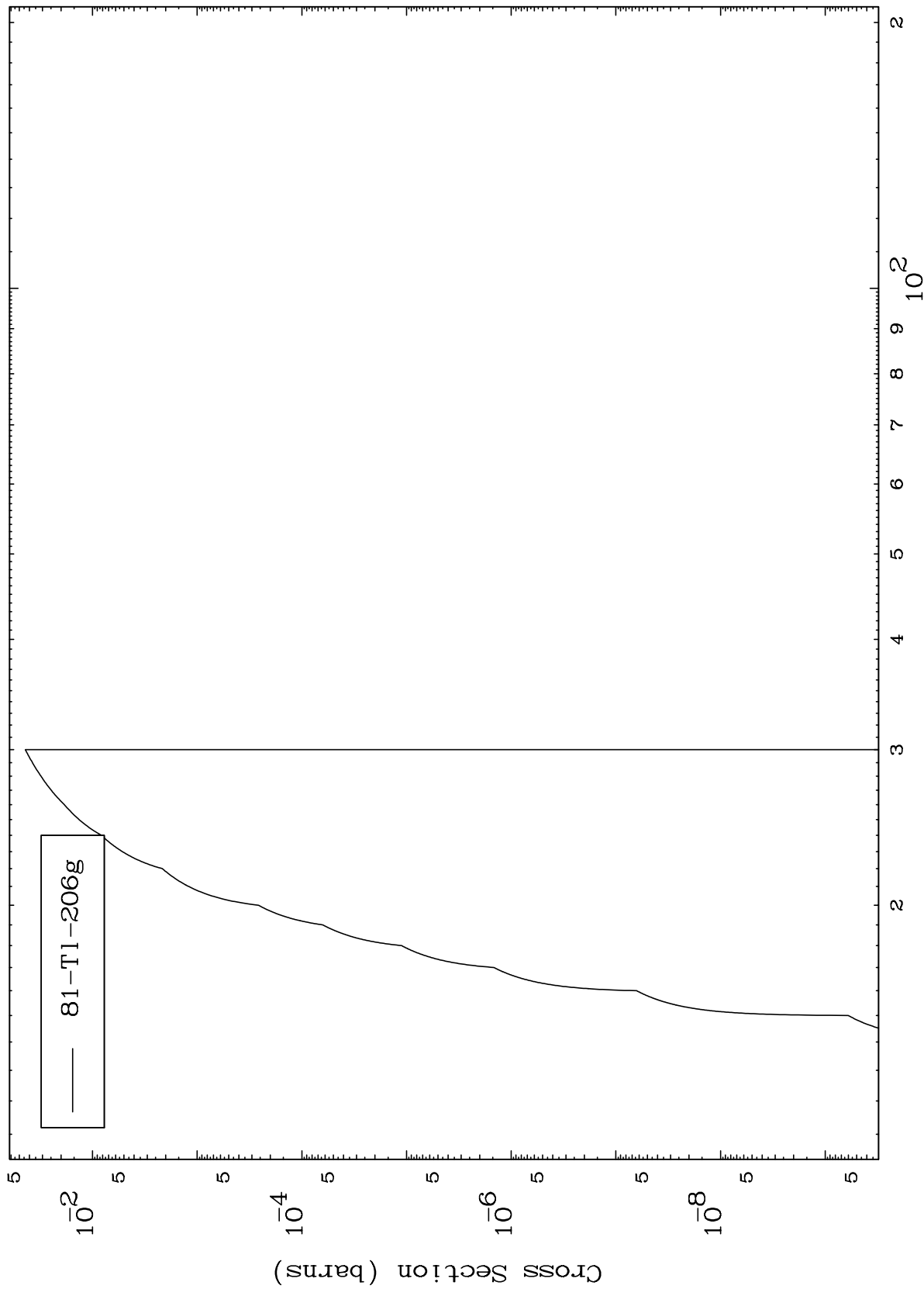


MAT 8140

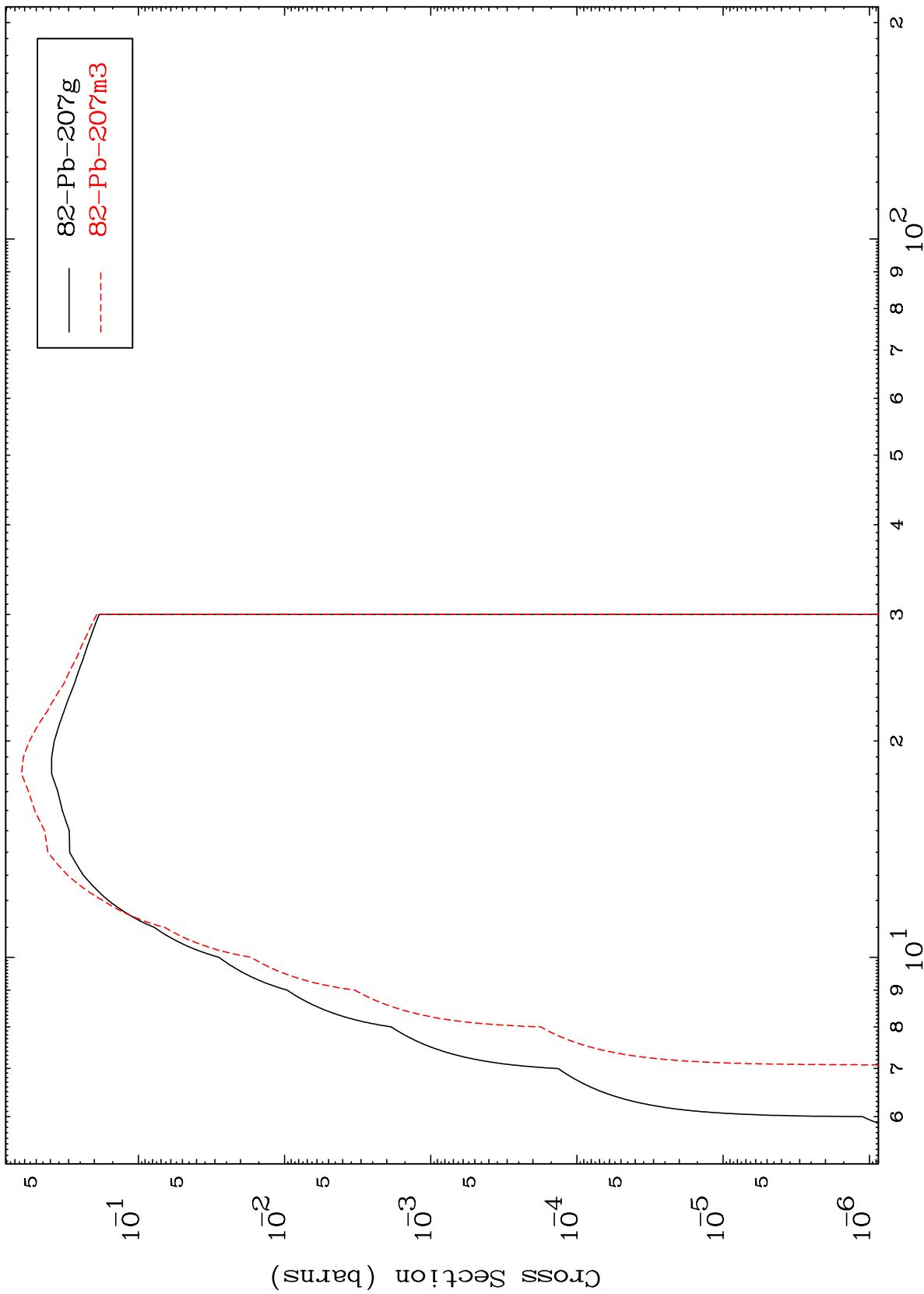
(n,2n) d

81-Tl-208

Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

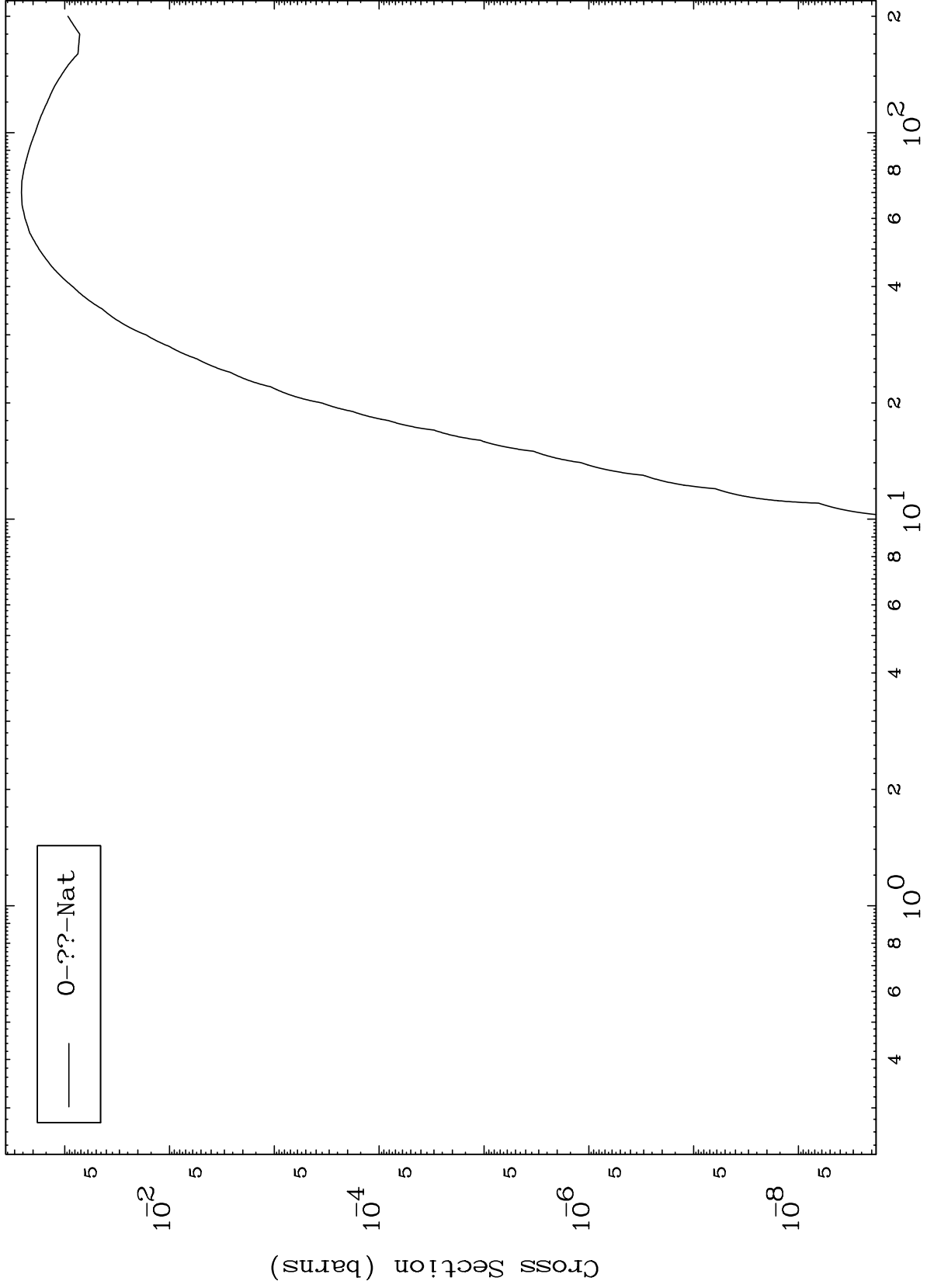


MAT 8140

Fission

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Radionuclide Production Cross Section

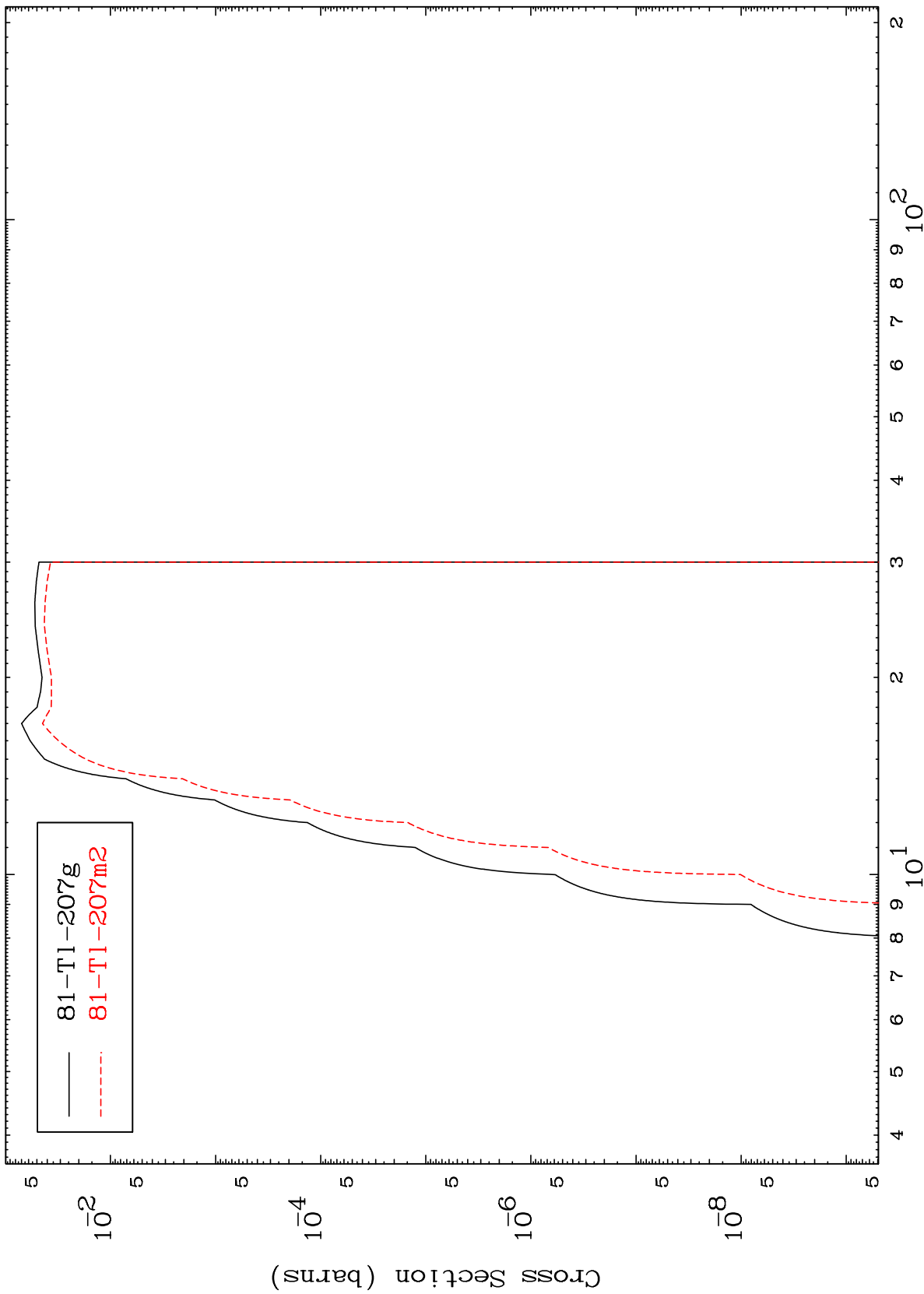


MAT 8140

(n,n') d

81-Tl-208

Radionuclide Production Cross Section



15

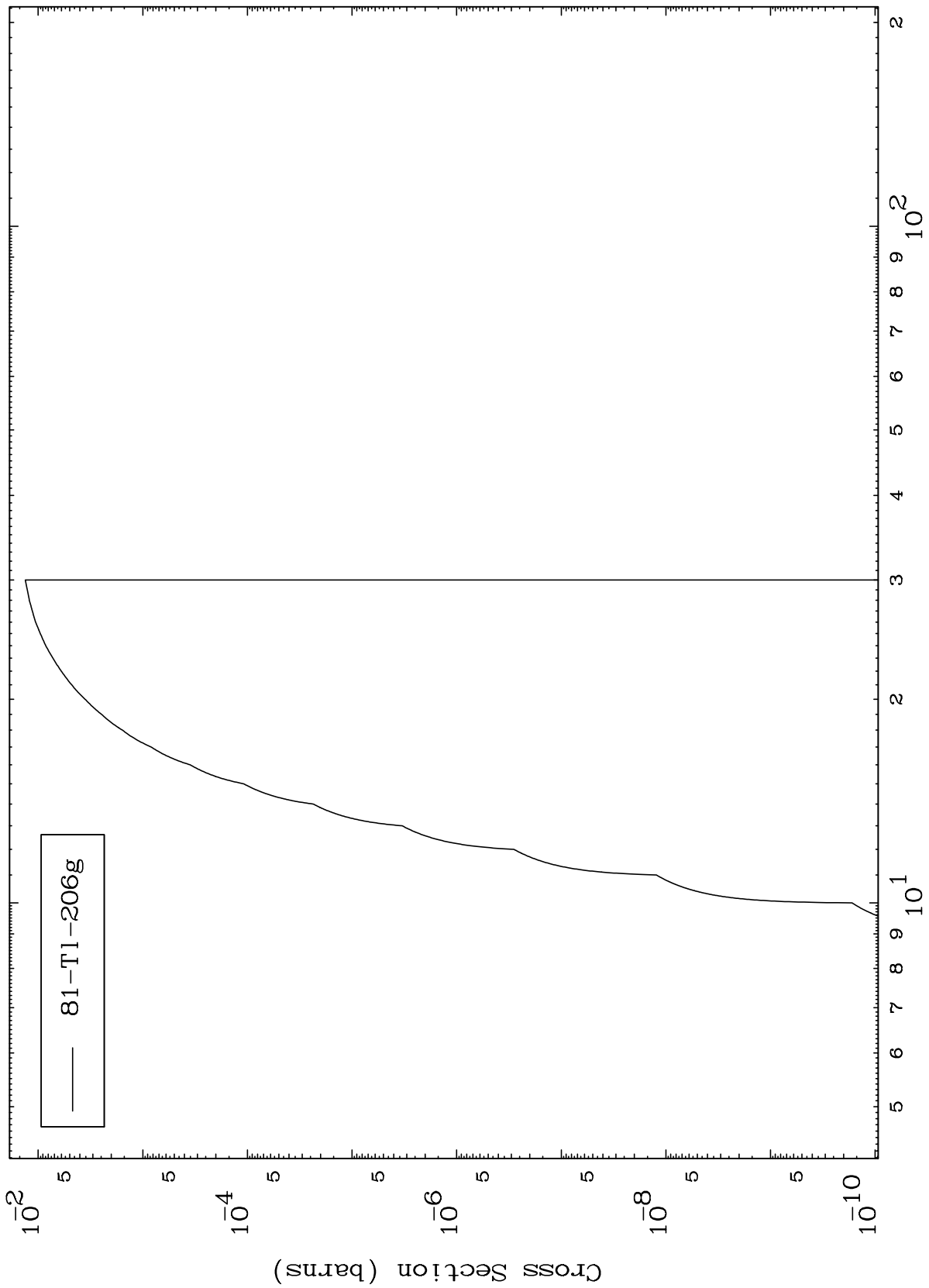
81-Tl-208

MAT 8140

(n,n') t

81-Tl-208

Radionuclide Production Cross Section



16

Incident Energy (MeV)

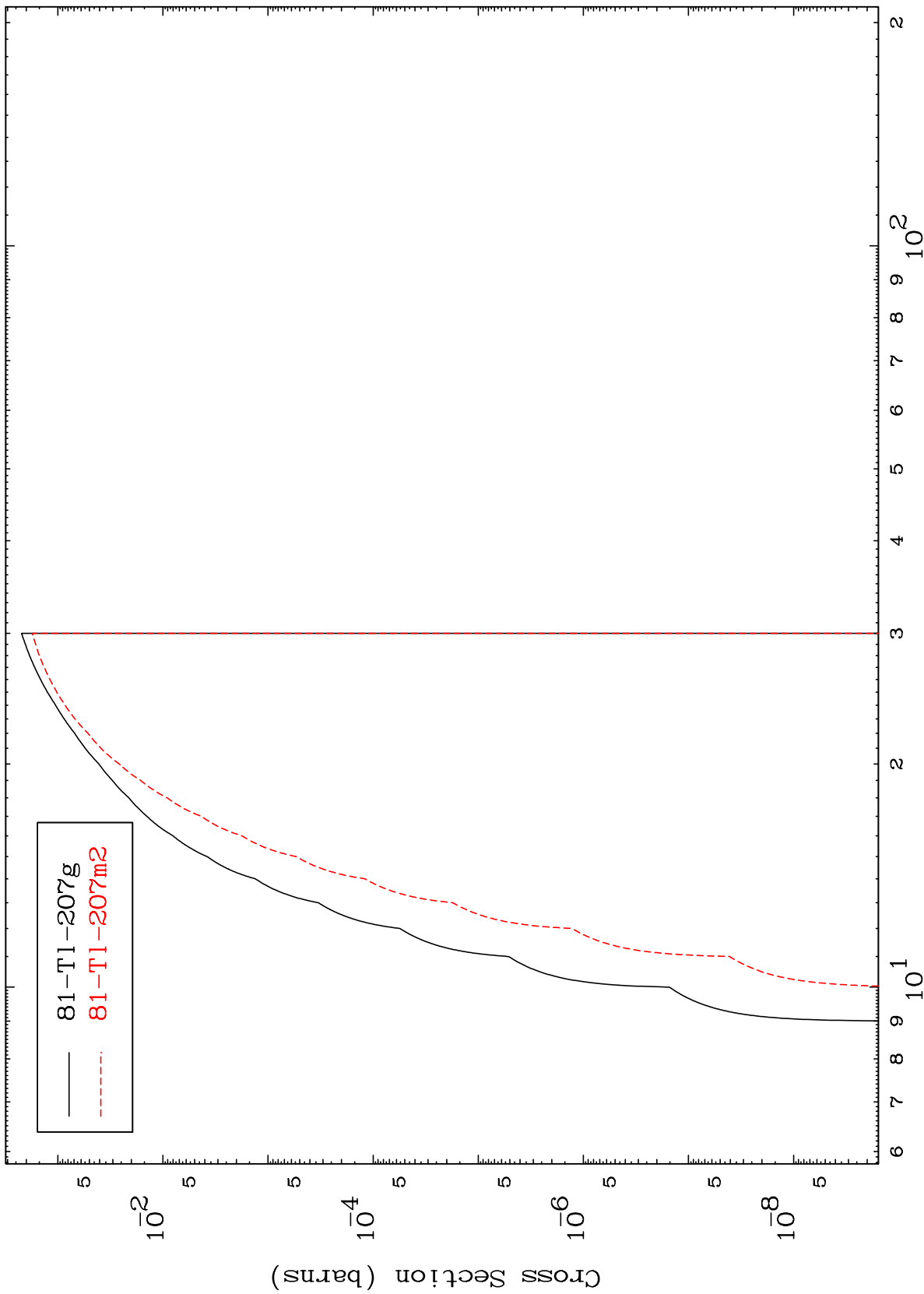
81-Tl-208

MAT 8140

(n,2n) p

81-Tl-208

Radionuclide Production Cross Section



17

Incident Energy (MeV)

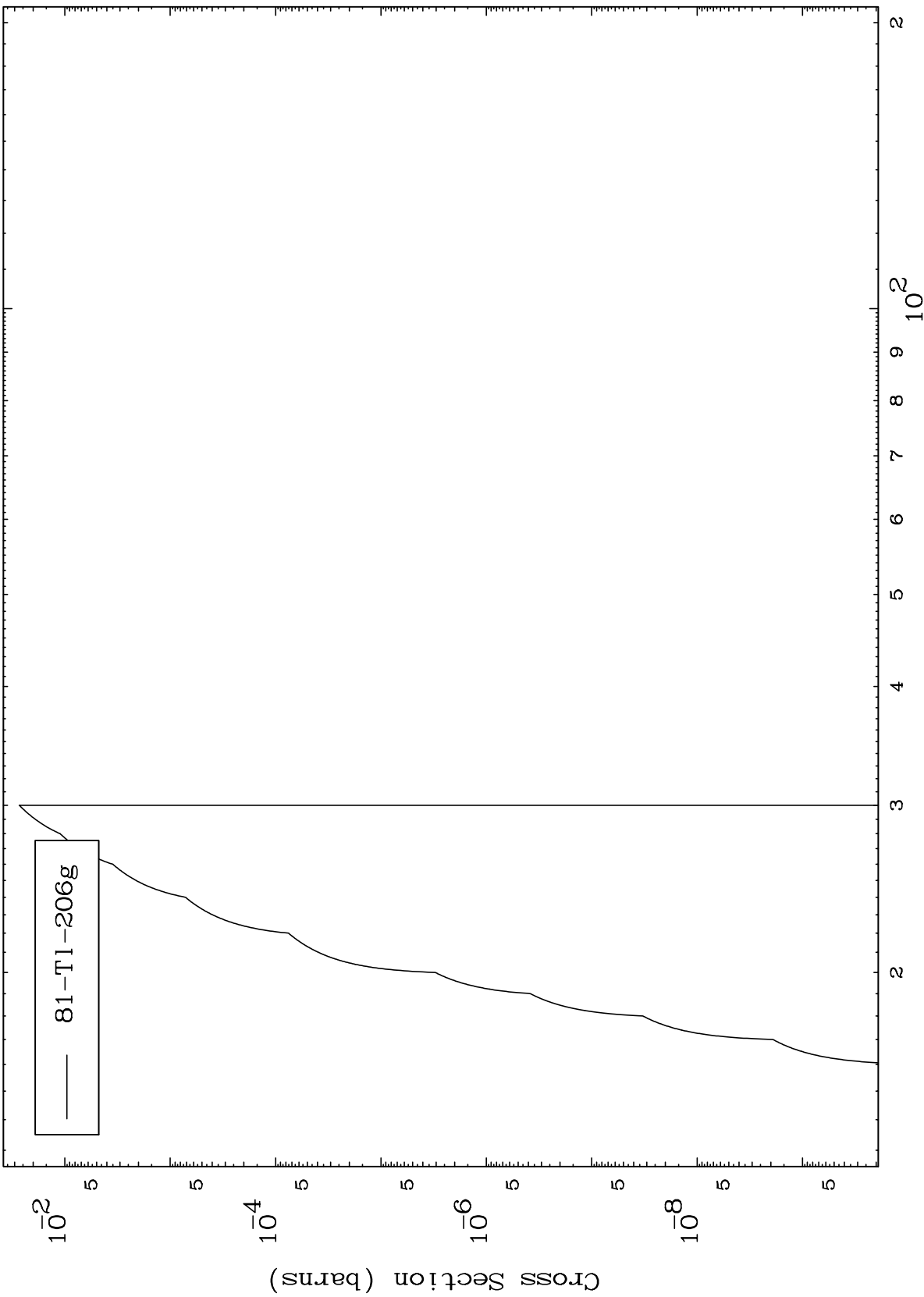
81-Tl-208

MAT 8140

(n,3n) p

81-Tl-208

Radionuclide Production Cross Section



18

Incident Energy (MeV)

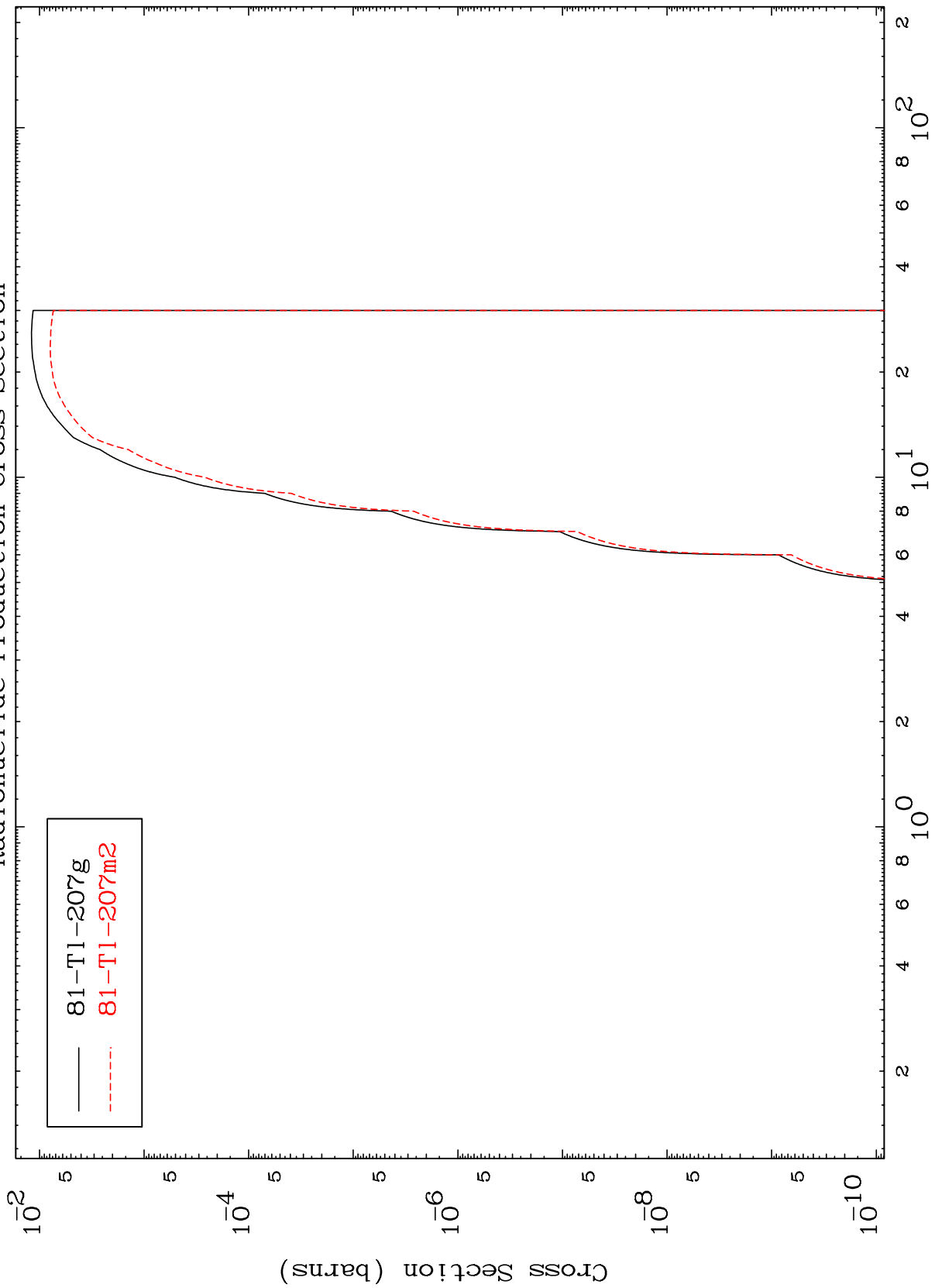
81-Tl-208

MAT 8140

(n, t)

81-Tl-208

Radionuclide Production Cross Section

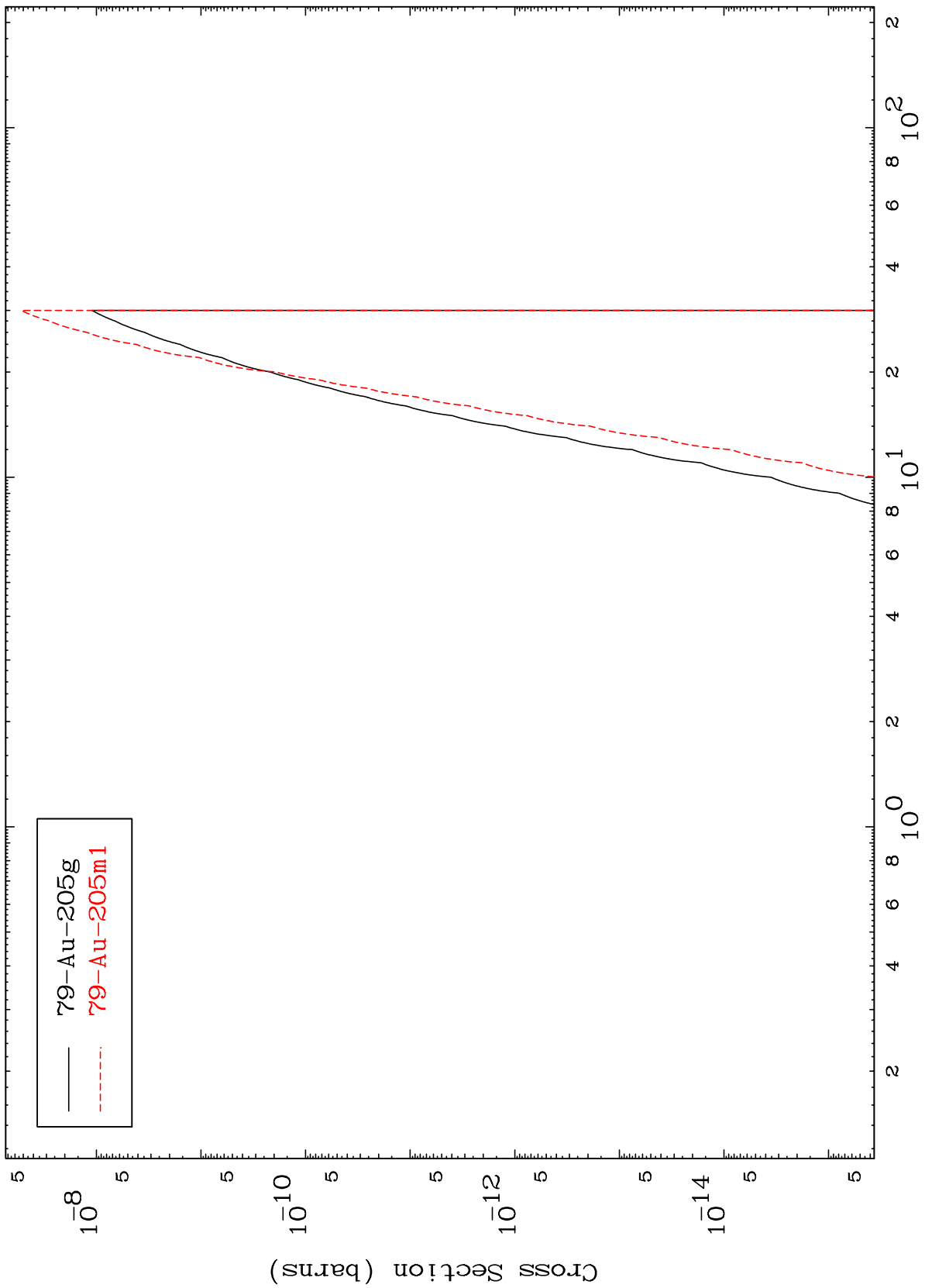


MAT 8140

(n,p) α

81-Tl-208

Radionuclide Production Cross Section



— $^{79}\text{Au-205g}$
- - - $^{79}\text{Au-205m1}$

20

Incident Energy (MeV)

81-Tl-208