

Program EVALPLOT
(Version 2021-1)

by

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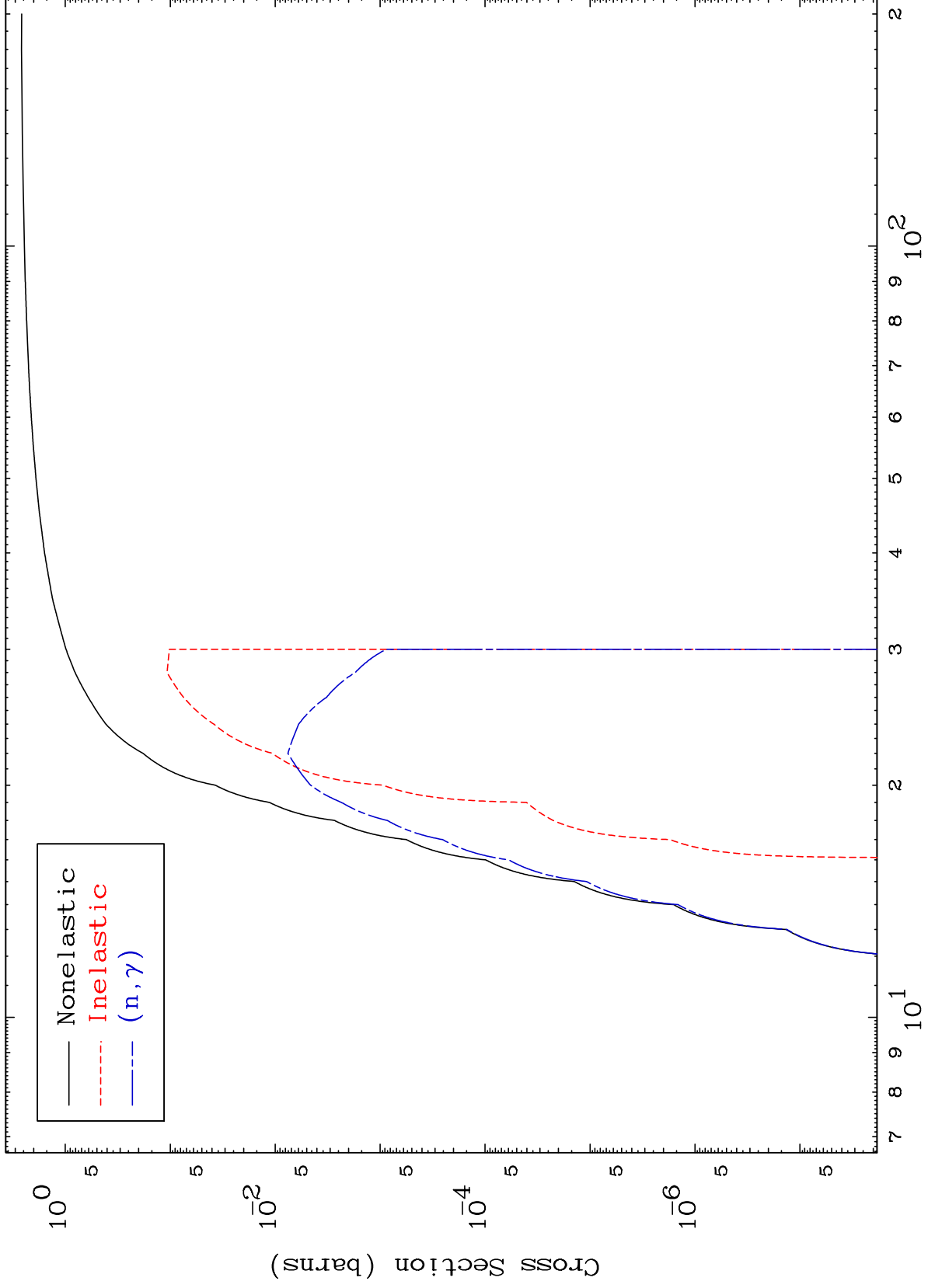
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7974

0 Kelvin α Major
Cross Sections

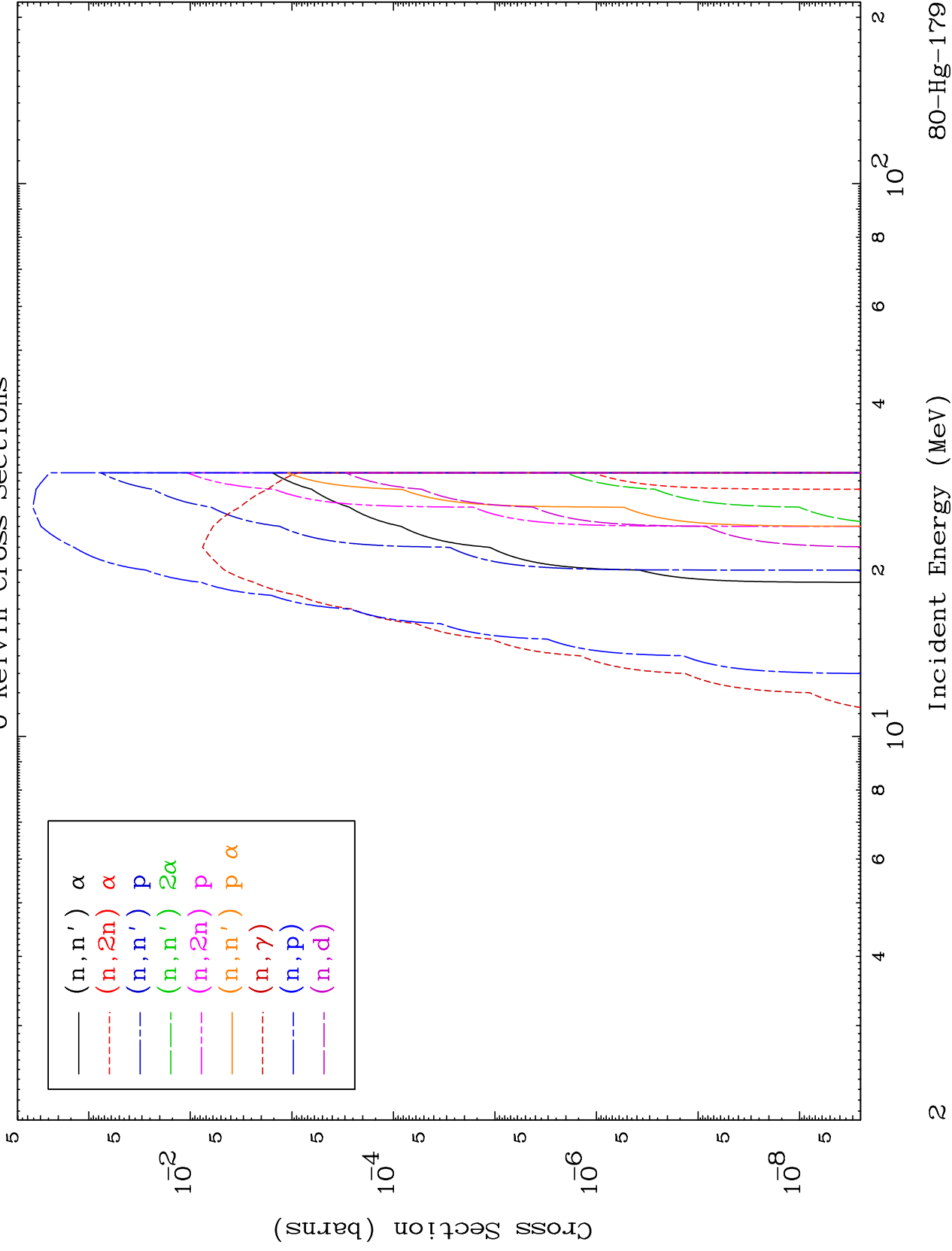
80-Hg-179



1

Incident Energy (MeV)

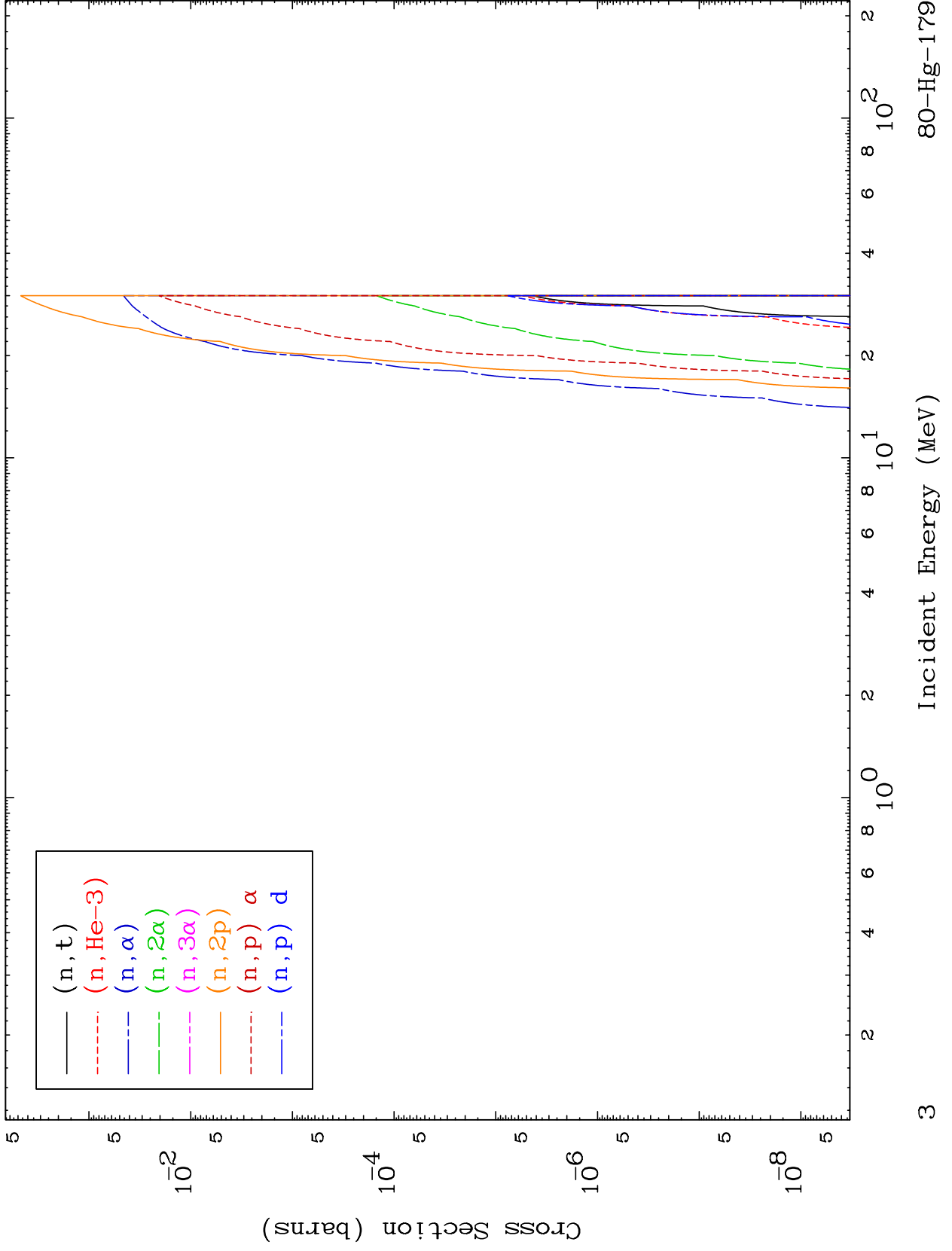
80-Hg-179

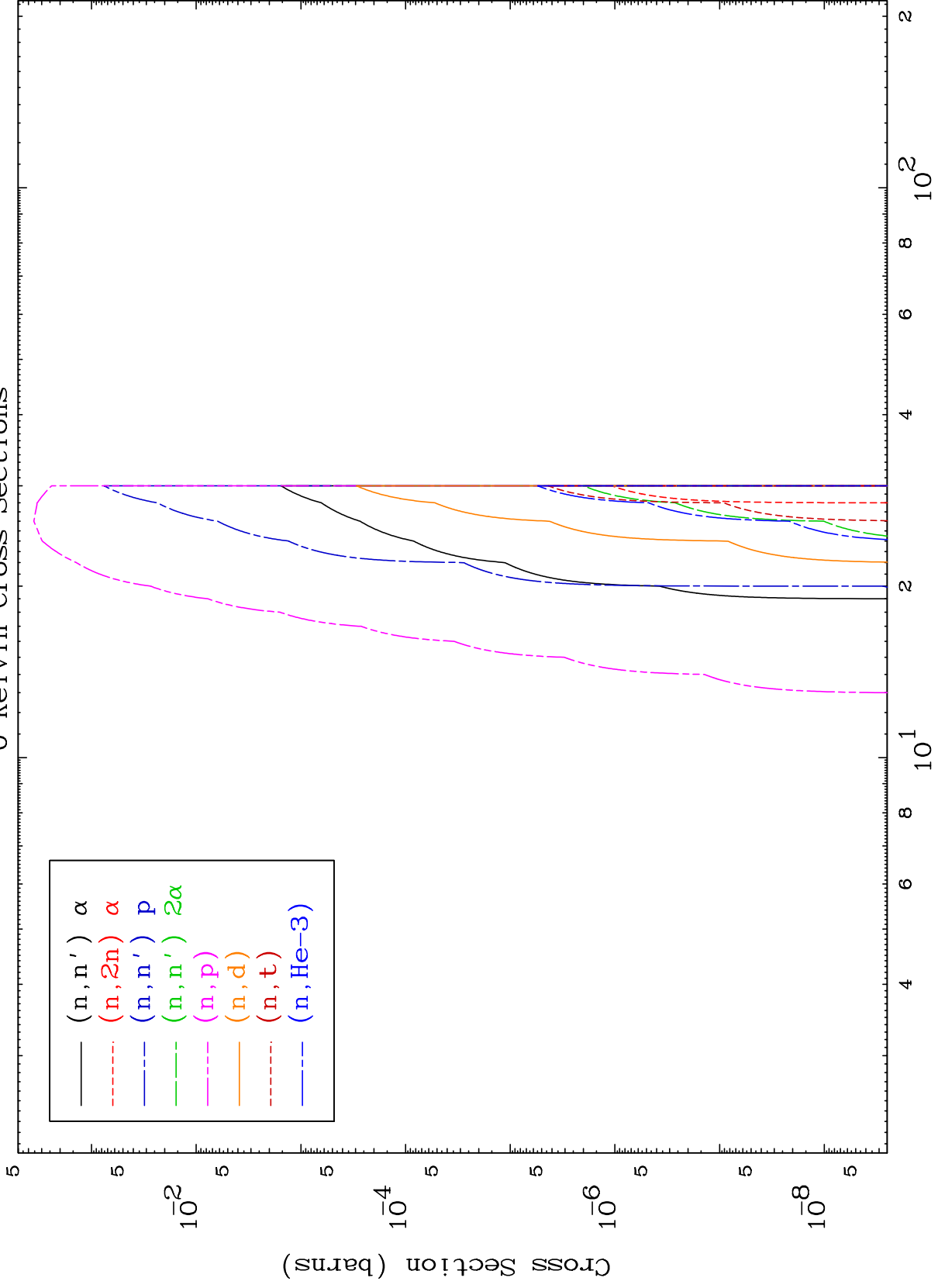


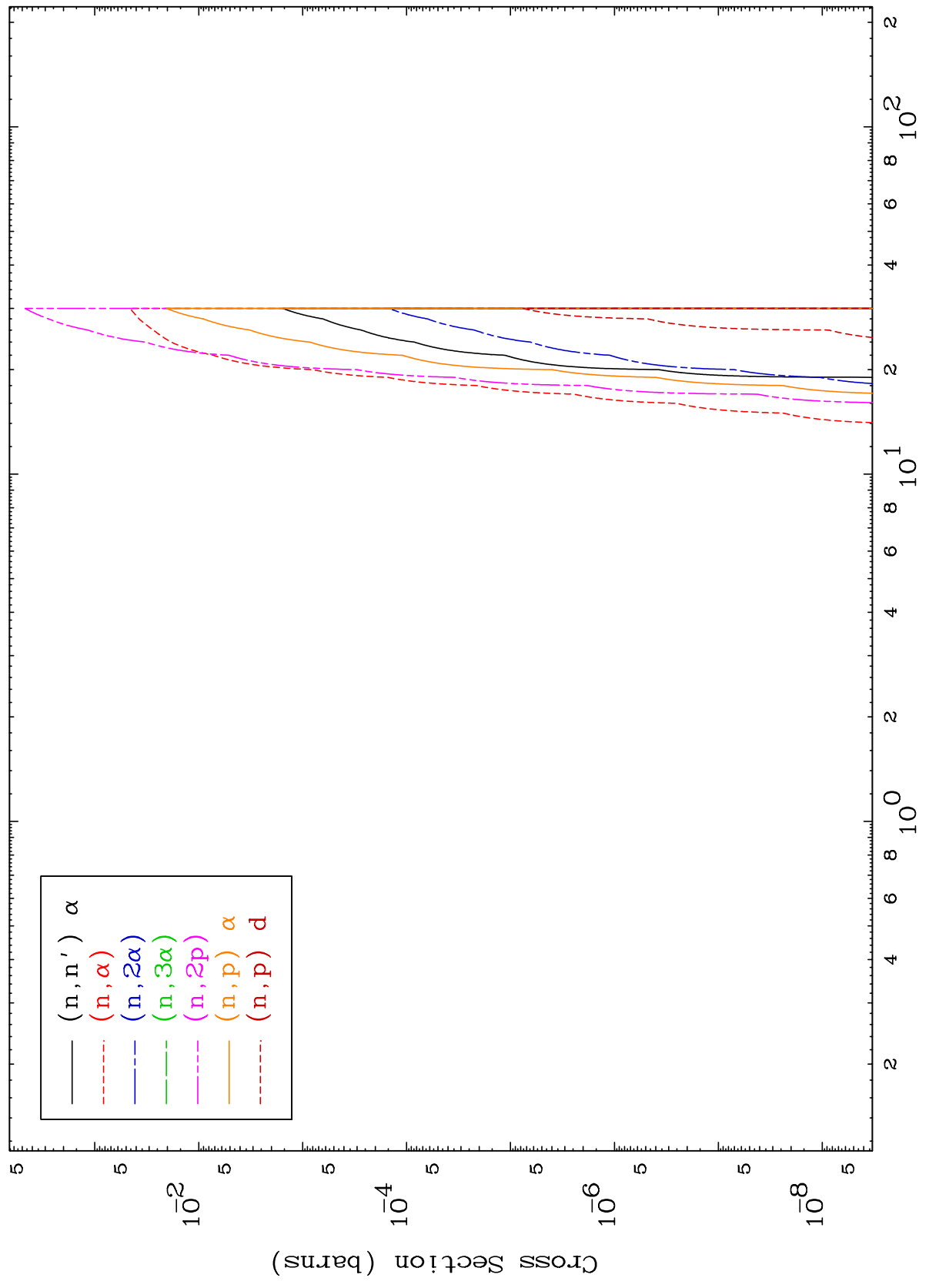
MAT 7974

α Neutron Absorption
0 Kelvin Cross Sections

80-Hg-179



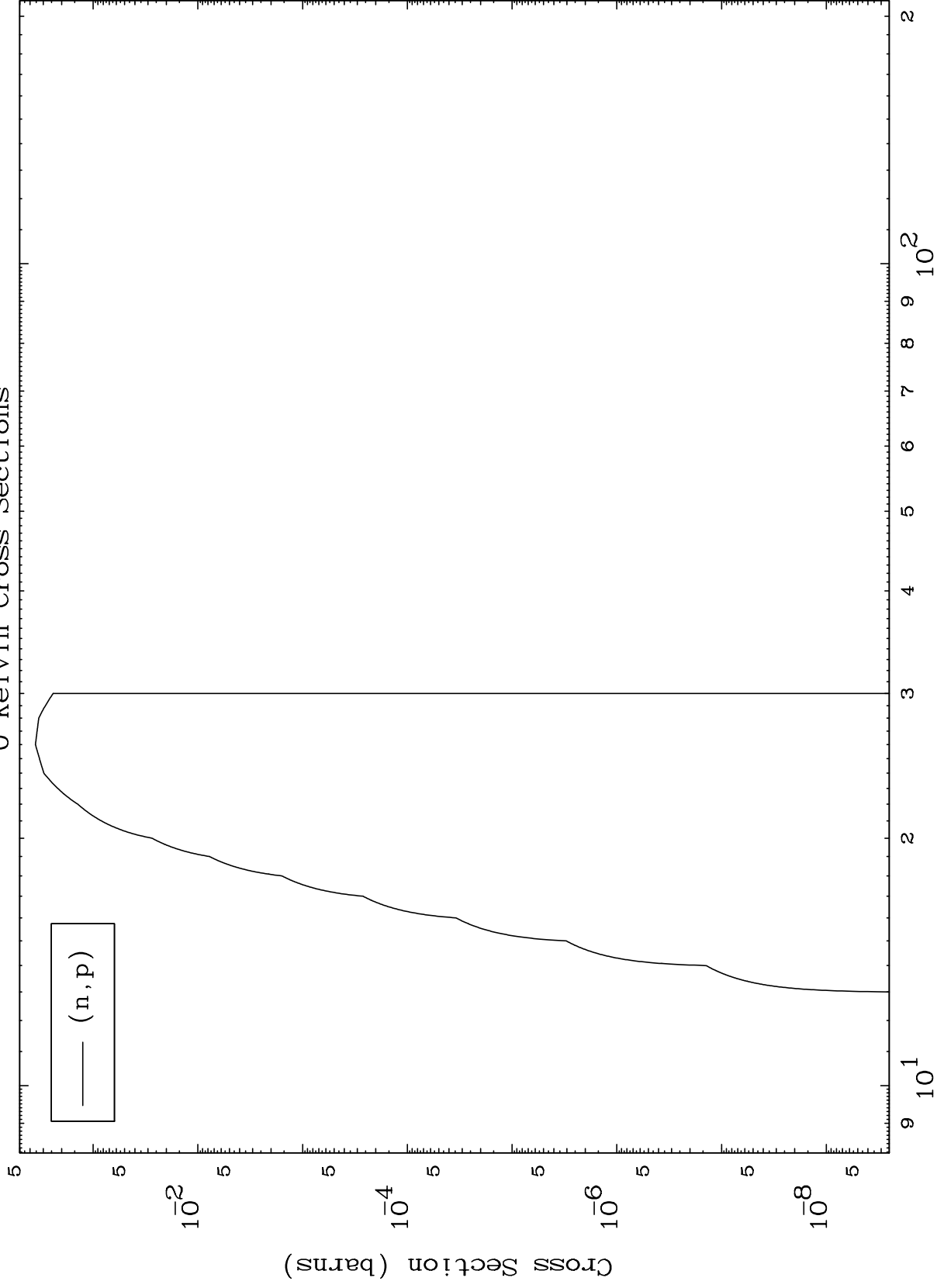




MAT 7974

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-179



Incident Energy (MeV)

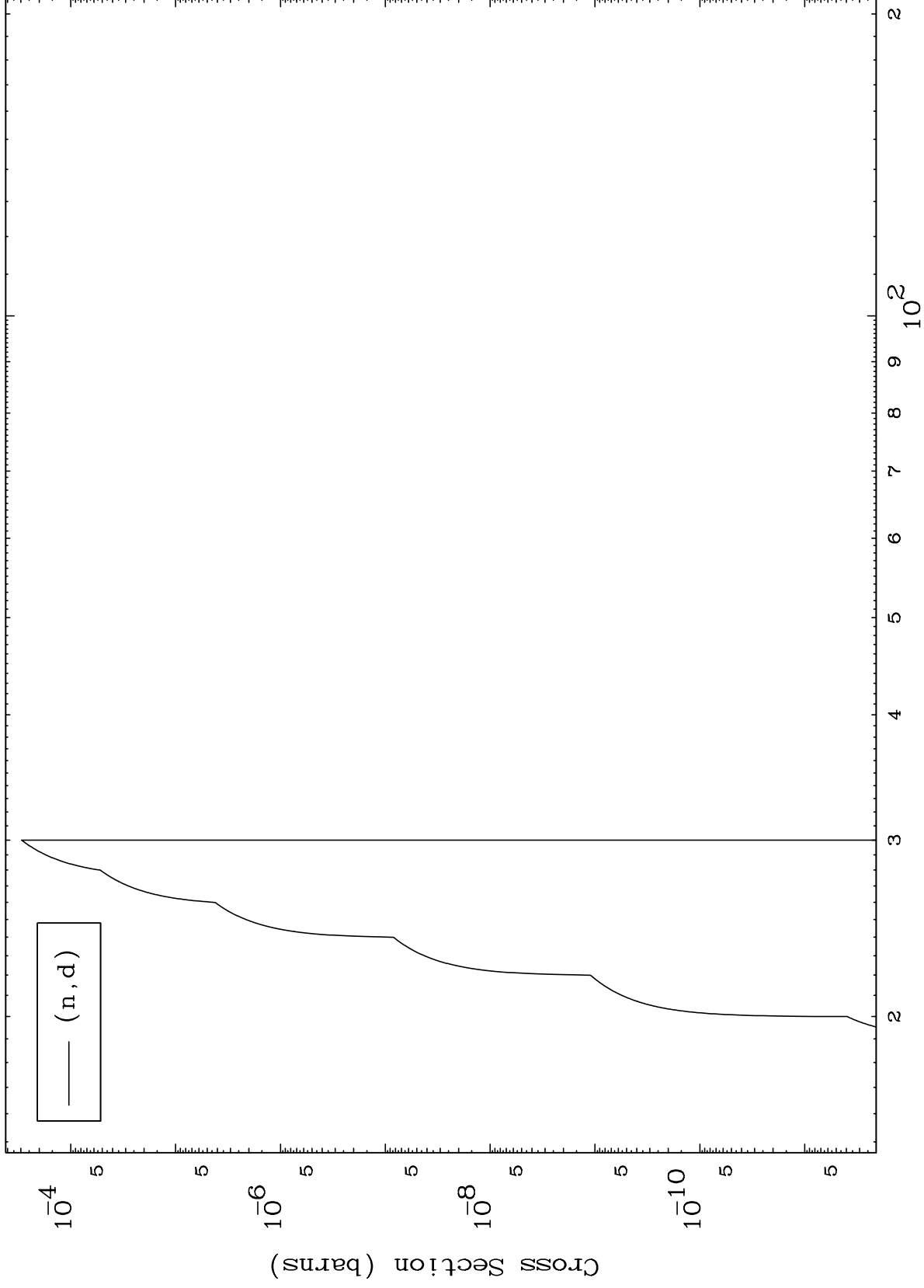
80-Hg-179

6

MAT 7974

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-179



7

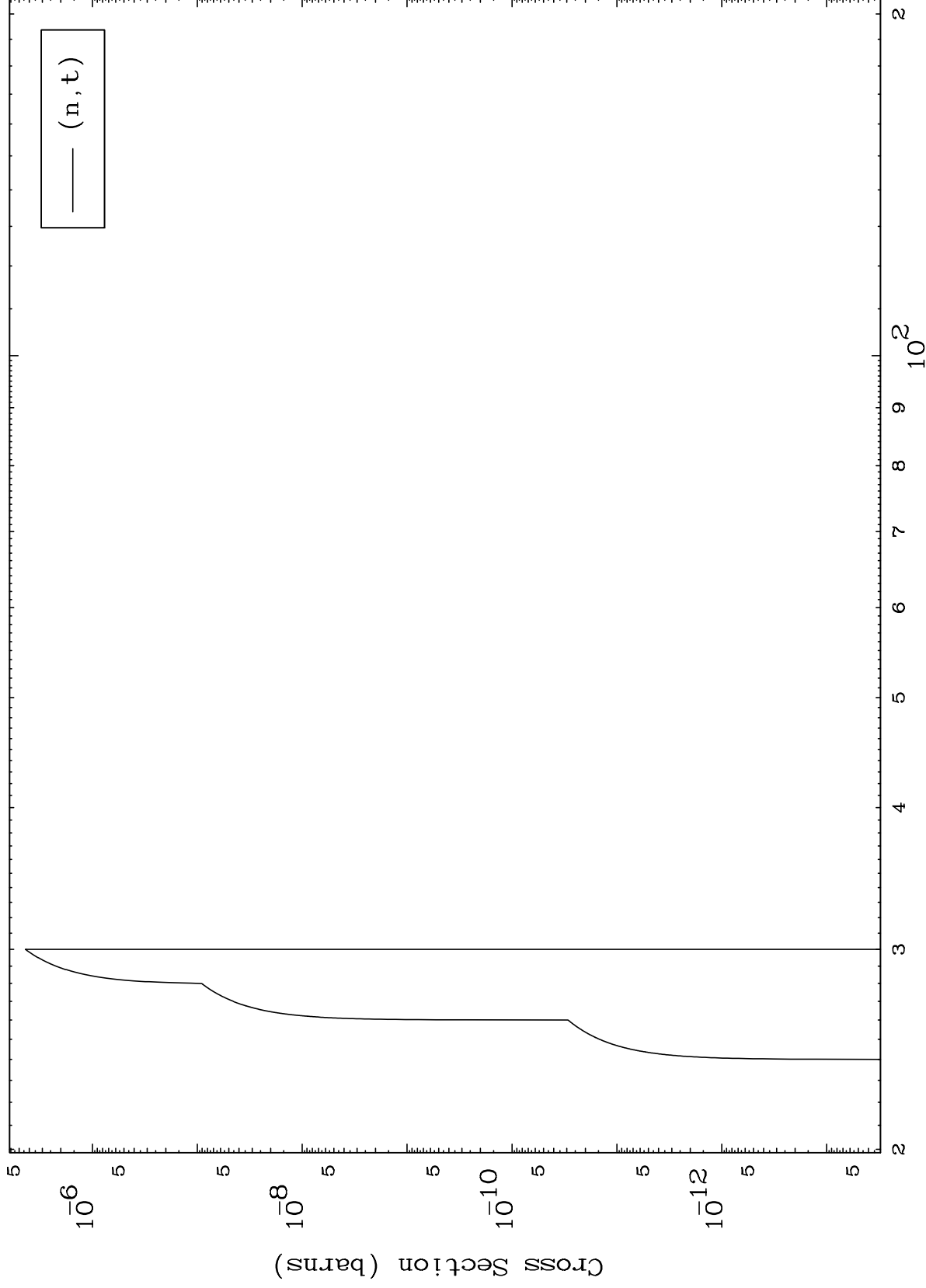
Incident Energy (MeV)

80-Hg-179

MAT 7974

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-179



80-Hg-179

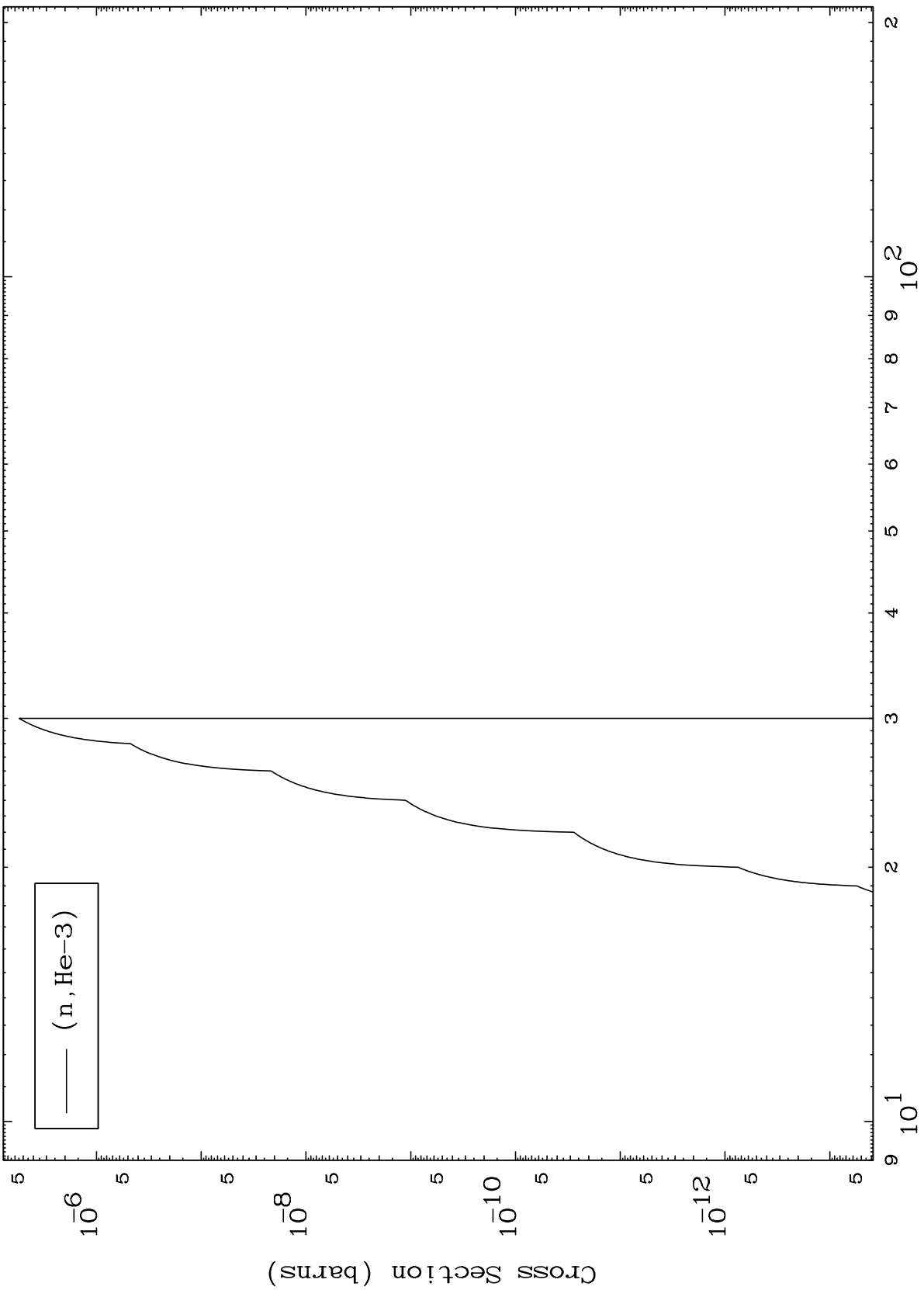
Incident Energy (MeV)

8

MAT 7974

80-Hg-179

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



80-Hg-179

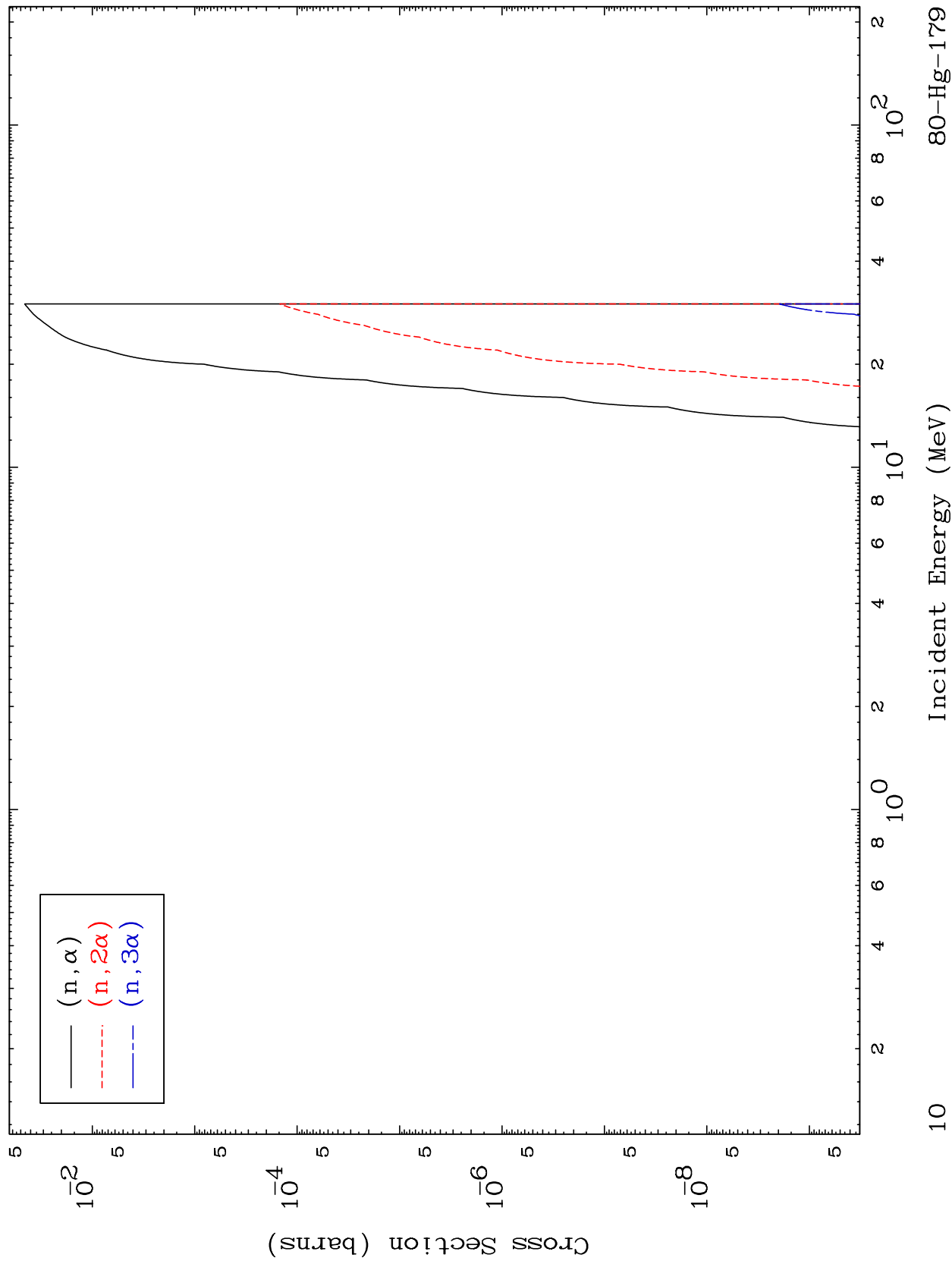
Incident Energy (MeV)

9

MAT 7974

80-Hg-179

(α, α) Levels
0 Kelvin Cross Sections



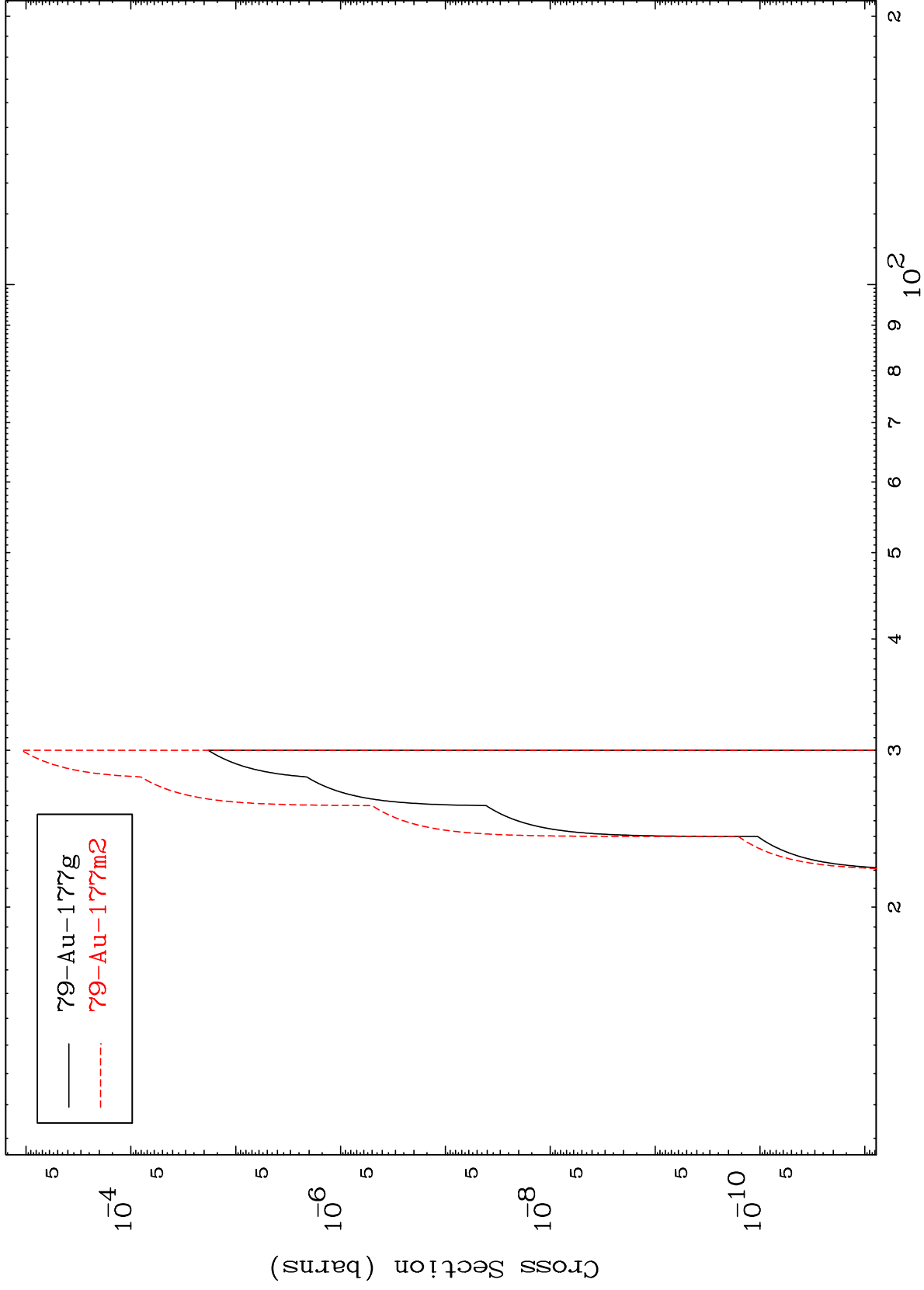
10

80-Hg-179

MAT 7974

80-Hg-179

(n,n') p α
Radionuclide Production Cross Section



80-Hg-179

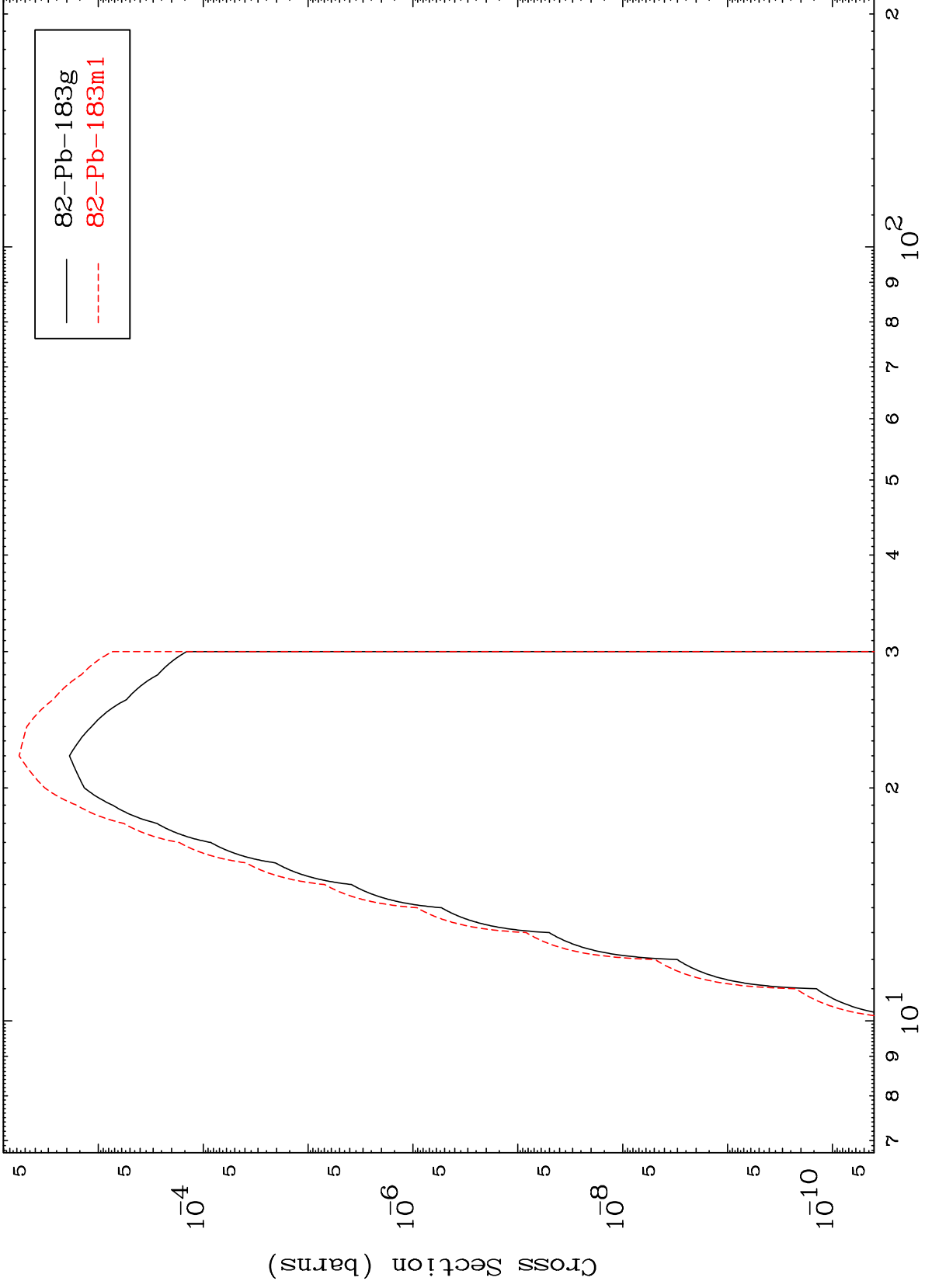
Incident Energy (MeV)

11

MAT 7974

80-Hg-179

(n, γ)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

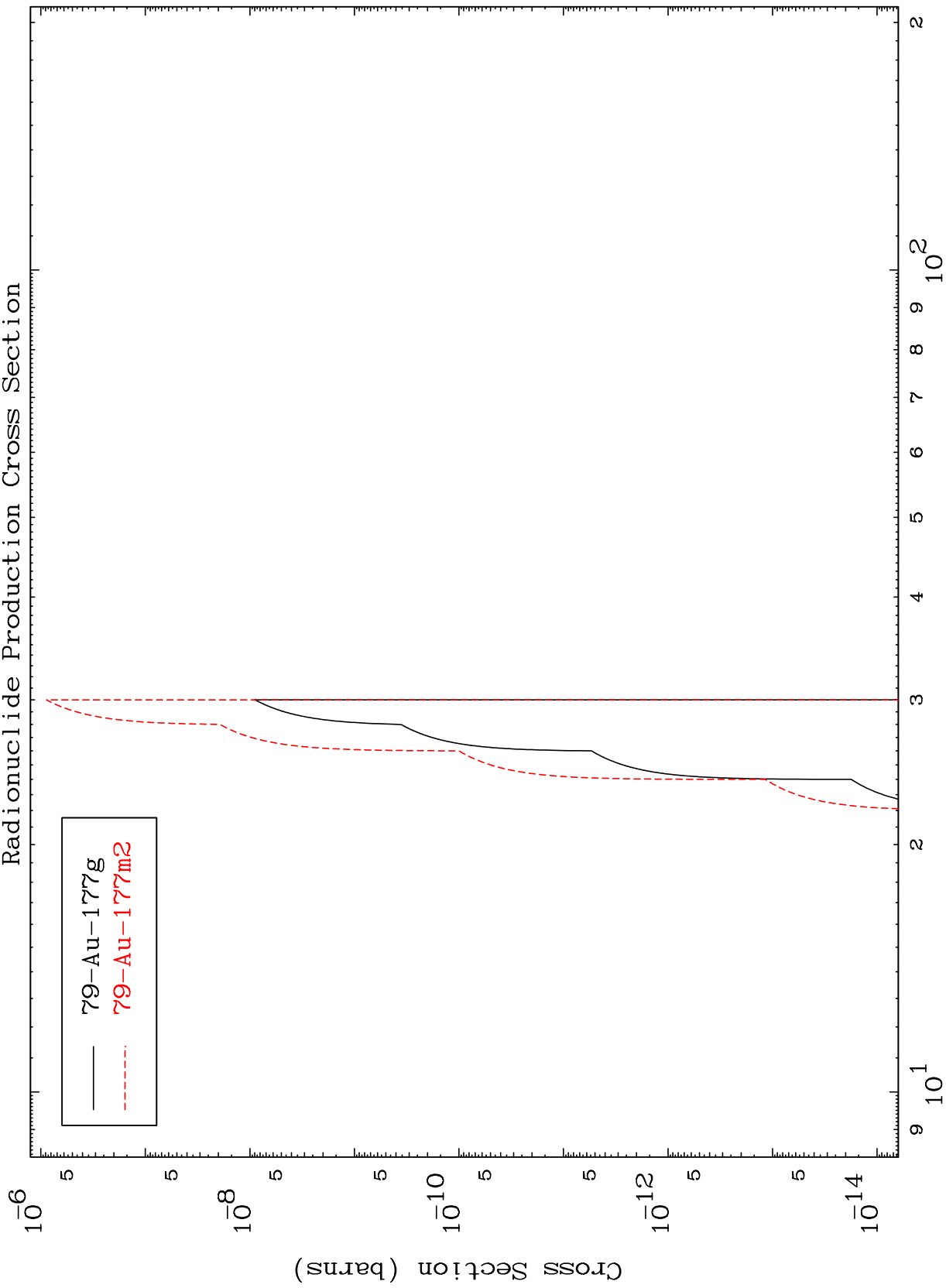
80-Hg-179

MAT 7974

80-Hg-179

(n,d) α

Radionuclide Production Cross Section



80-Hg-179

Incident Energy (MeV)

13