

Program EVALPLOT
(Version 2021-1)

by

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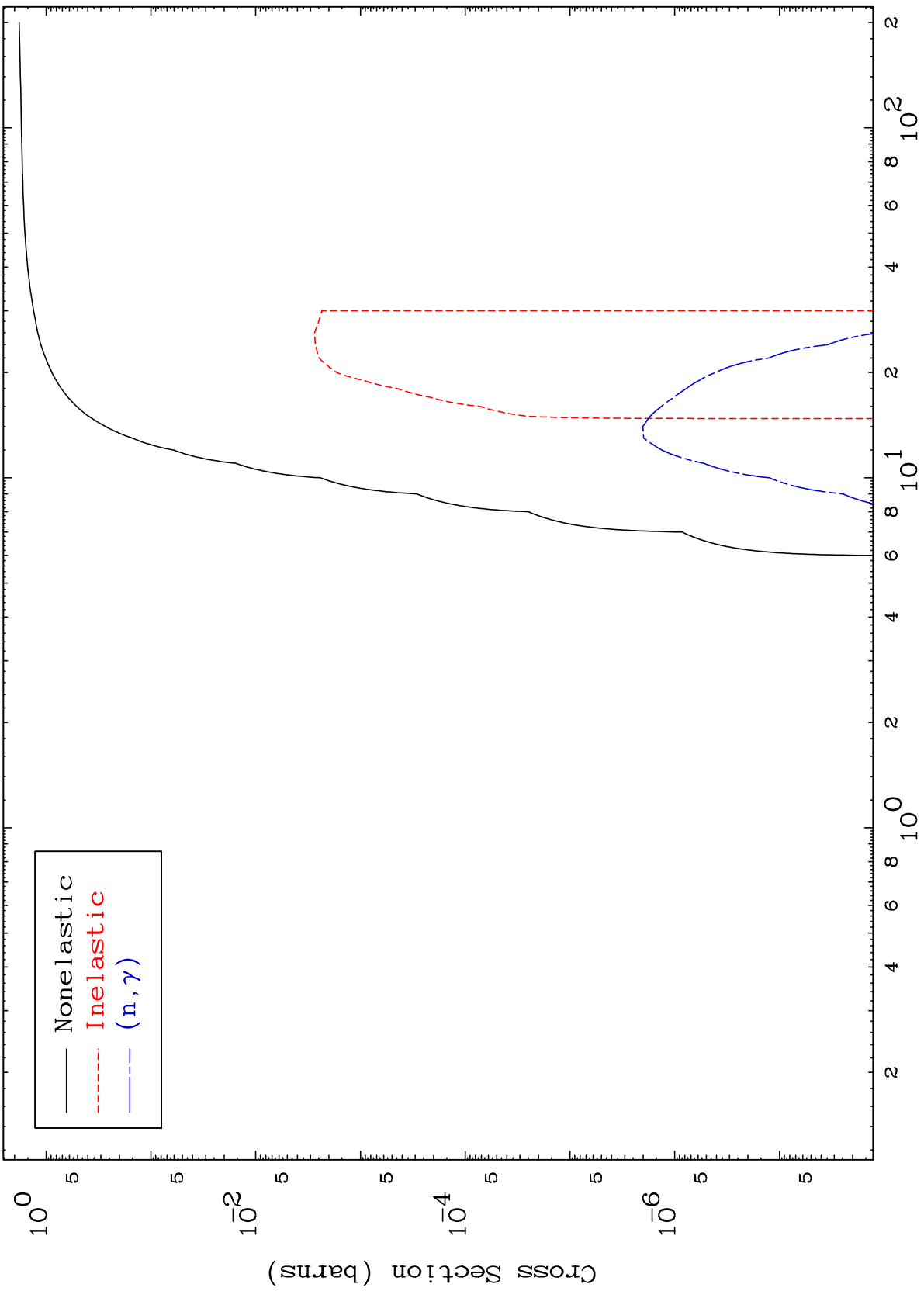
Press Mouse Button to Start

MAT 3995

α Major

40-Zr-80

0 Kelvin Cross Sections

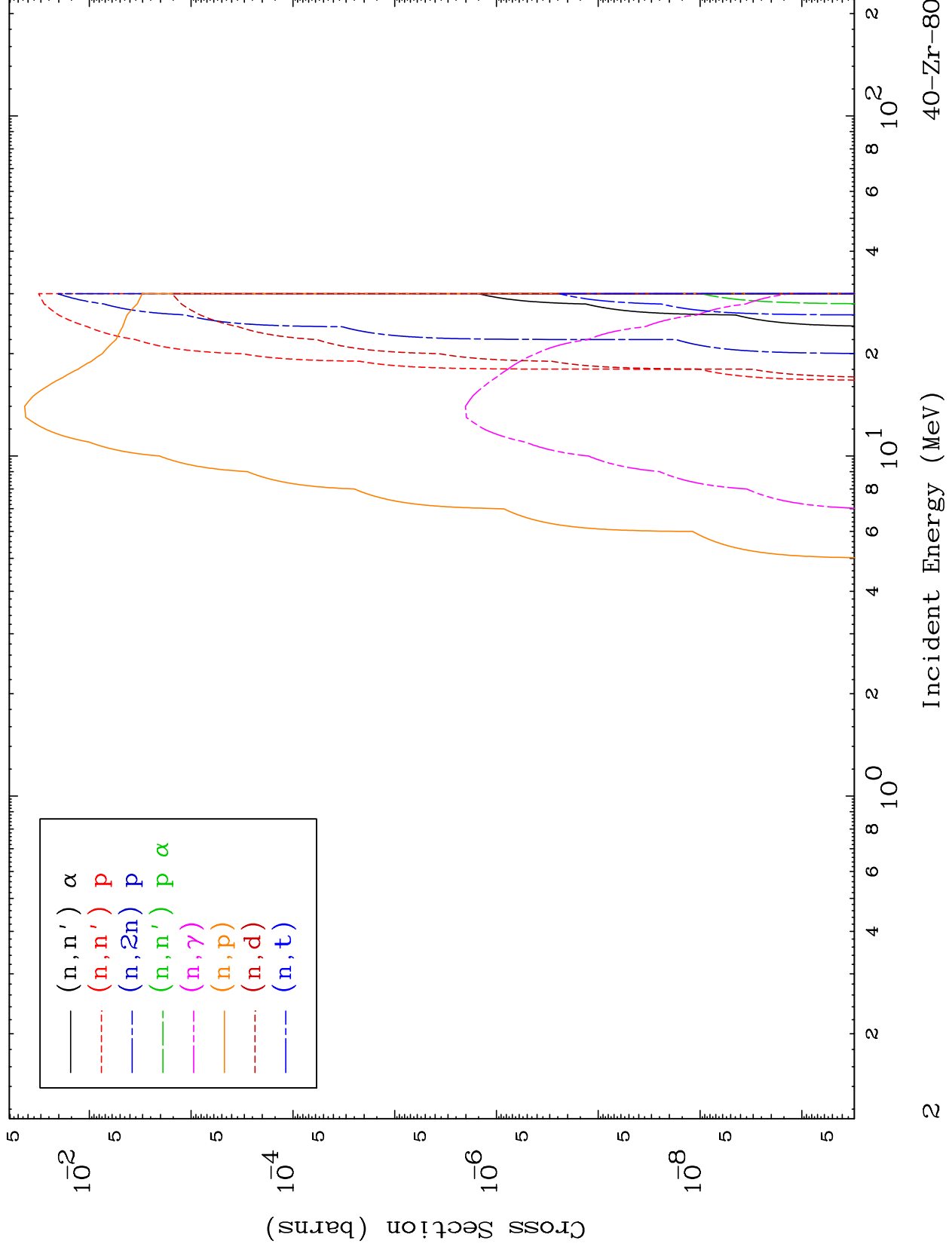


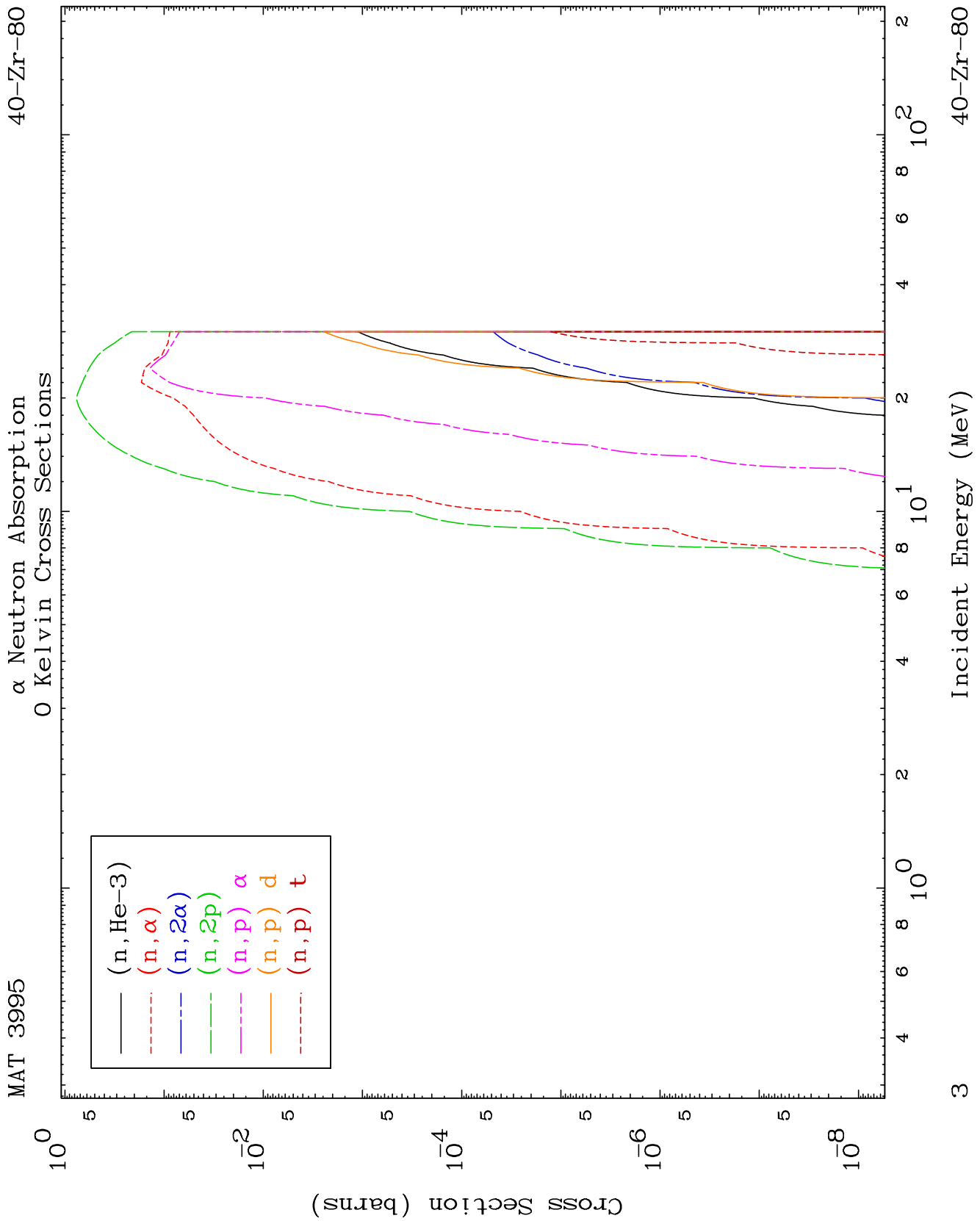
Legend:
— Nonelastic
- - - Inelastic
- · - (n, γ)

MAT 3995

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-80

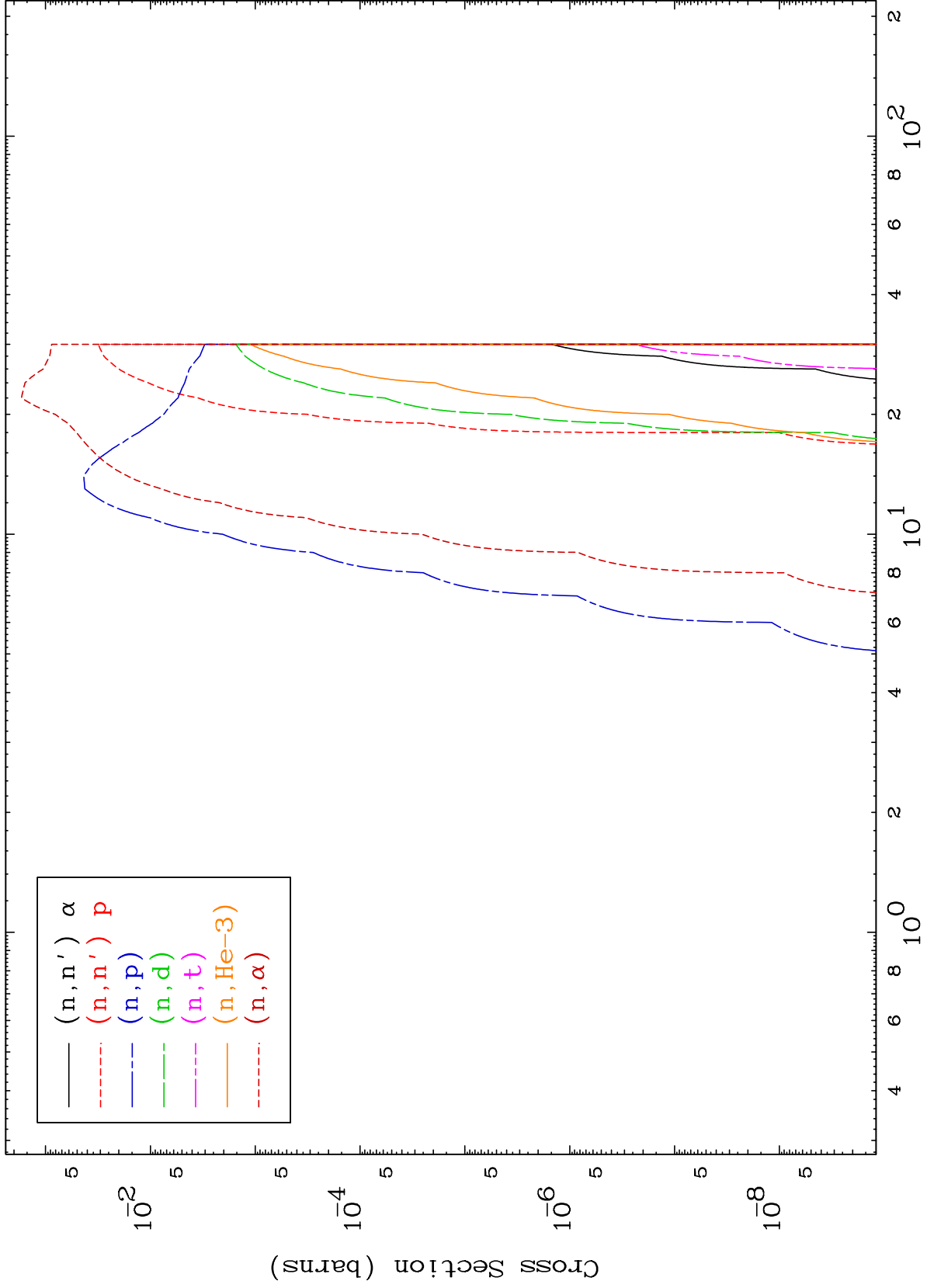




MAT 3995

α Charged Particle
0 Kelvin Cross Sections

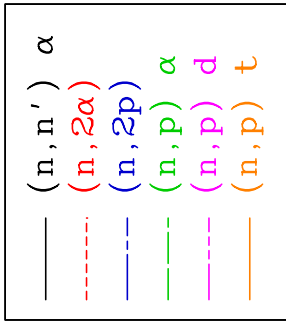
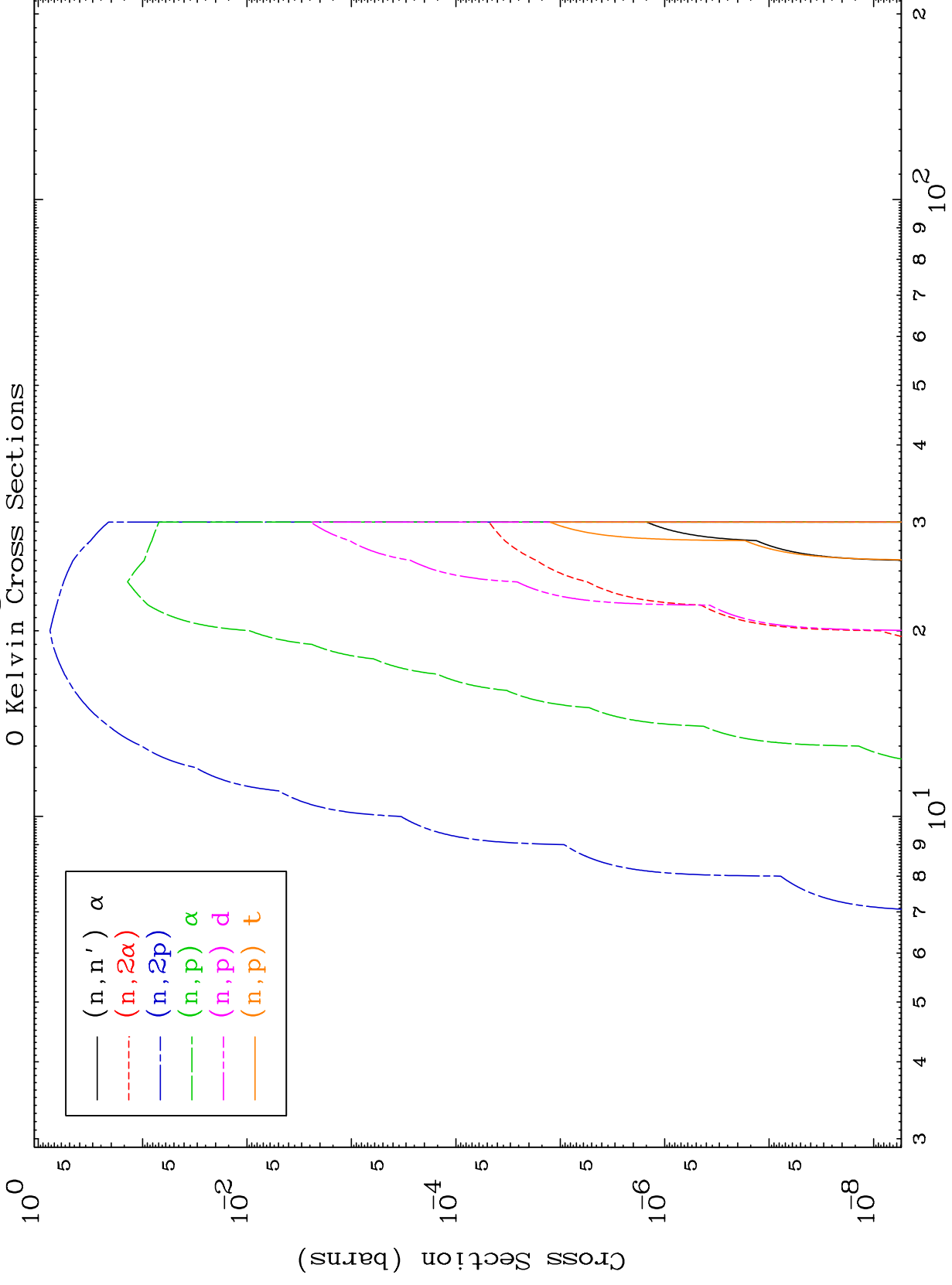
40-Zr-80



MAT 3995

α Charged Particle
0 Kelvin Cross Sections

40-Zr-80



5

Incident Energy (MeV)

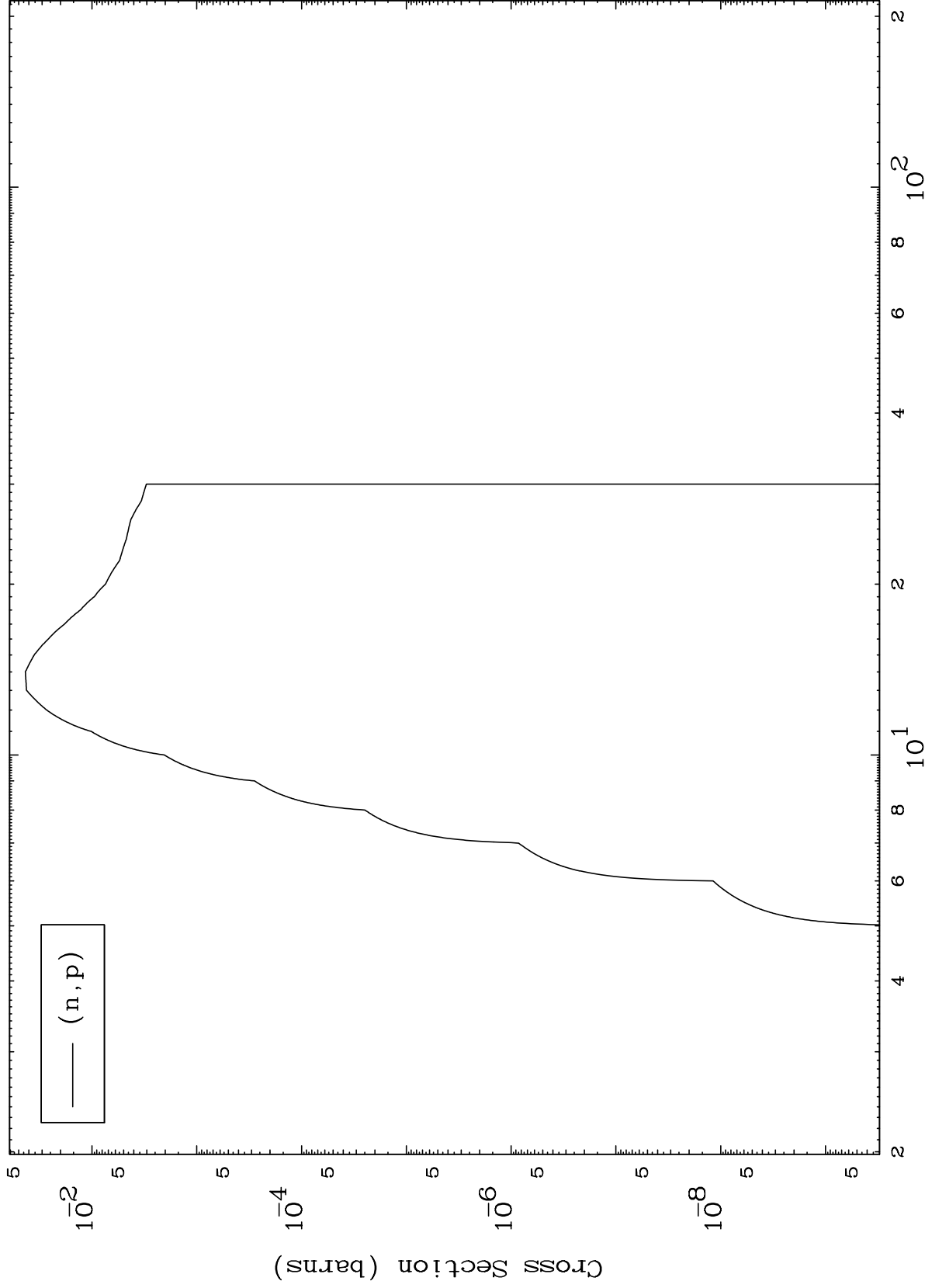
40-Zr-80

MAT 3995

(α, p) Levels

40-Zr-80

0 Kelvin Cross Sections



6

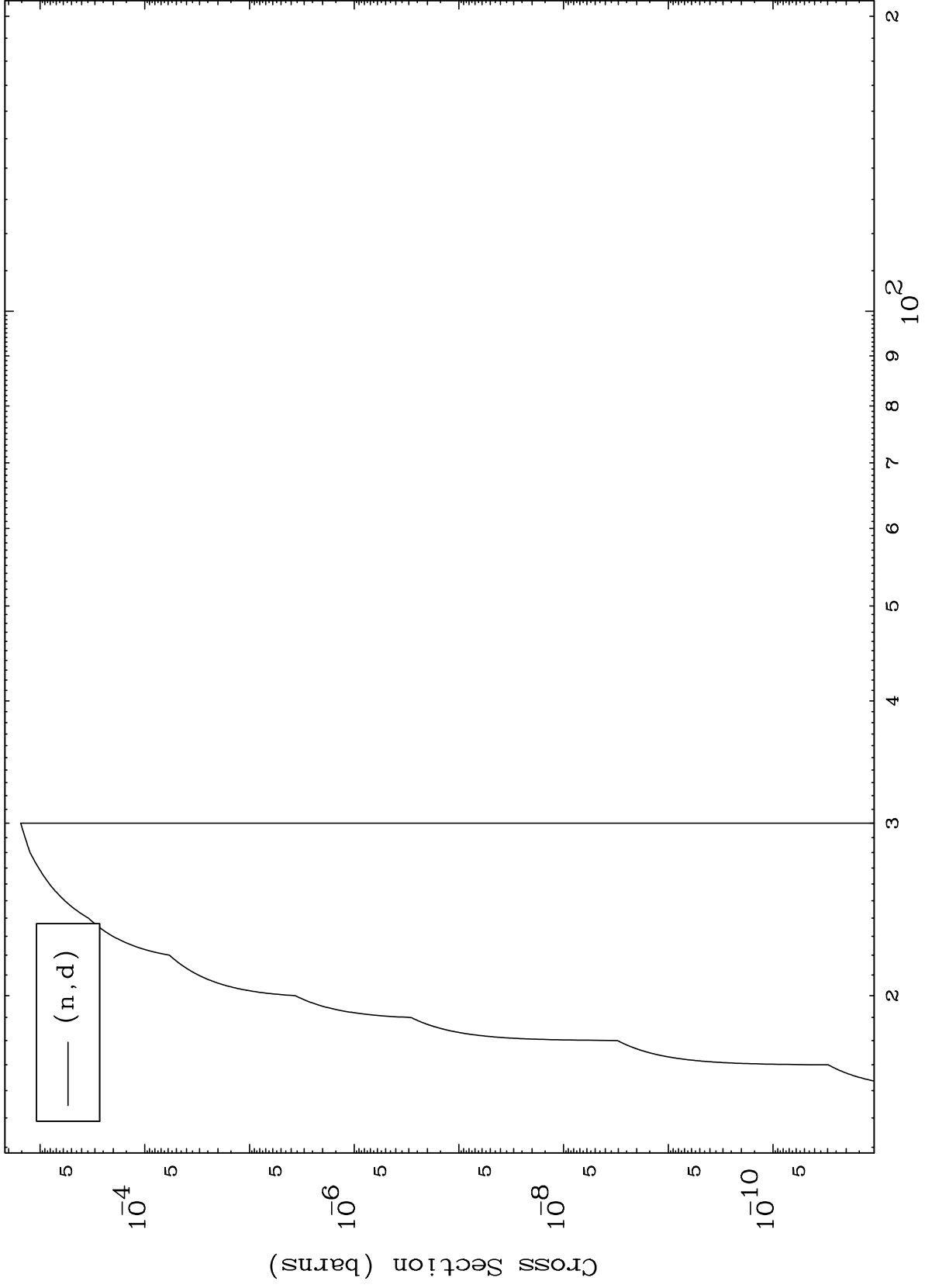
Incident Energy (MeV)

40-Zr-80

MAT 3995

(α, d) Levels
0 Kelvin Cross Sections

40-Zr-80



7

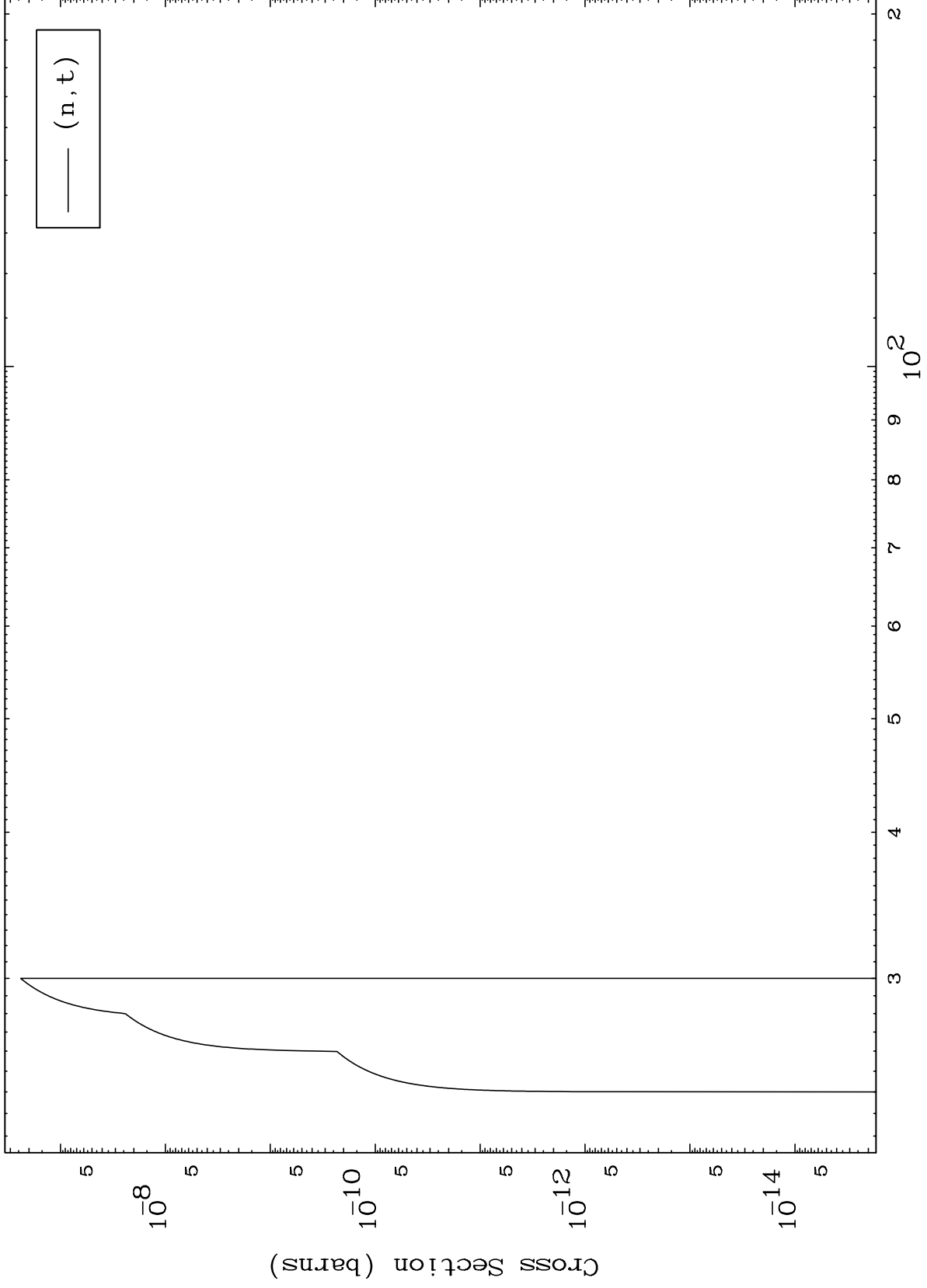
Incident Energy (MeV)

40-Zr-80

MAT 3995

(α, t) Levels
0 Kelvin Cross Sections

40-Zr-80



8

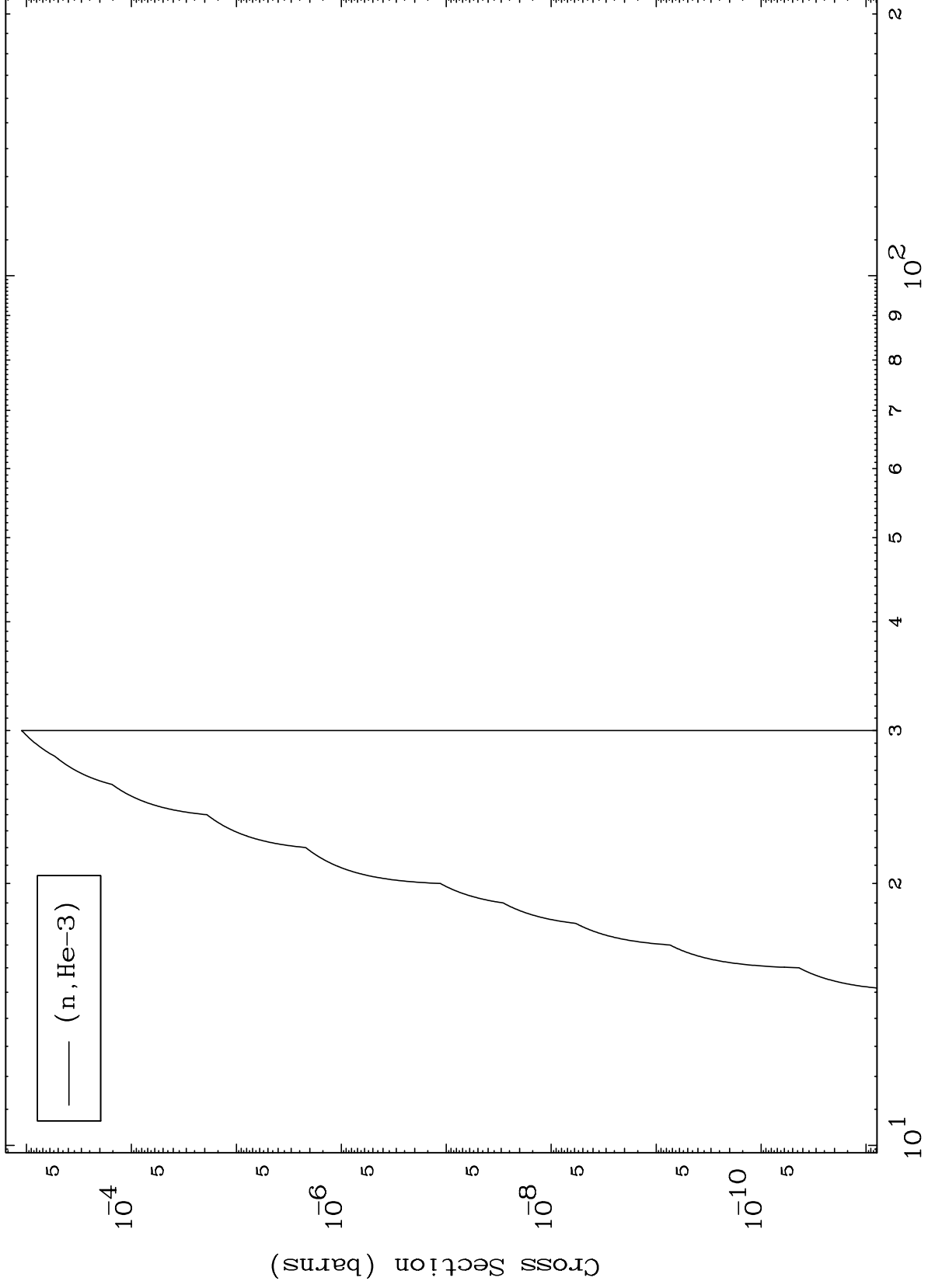
Incident Energy (MeV)

40-Zr-80

MAT 3995

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

40-Zr-80



Incident Energy (MeV)

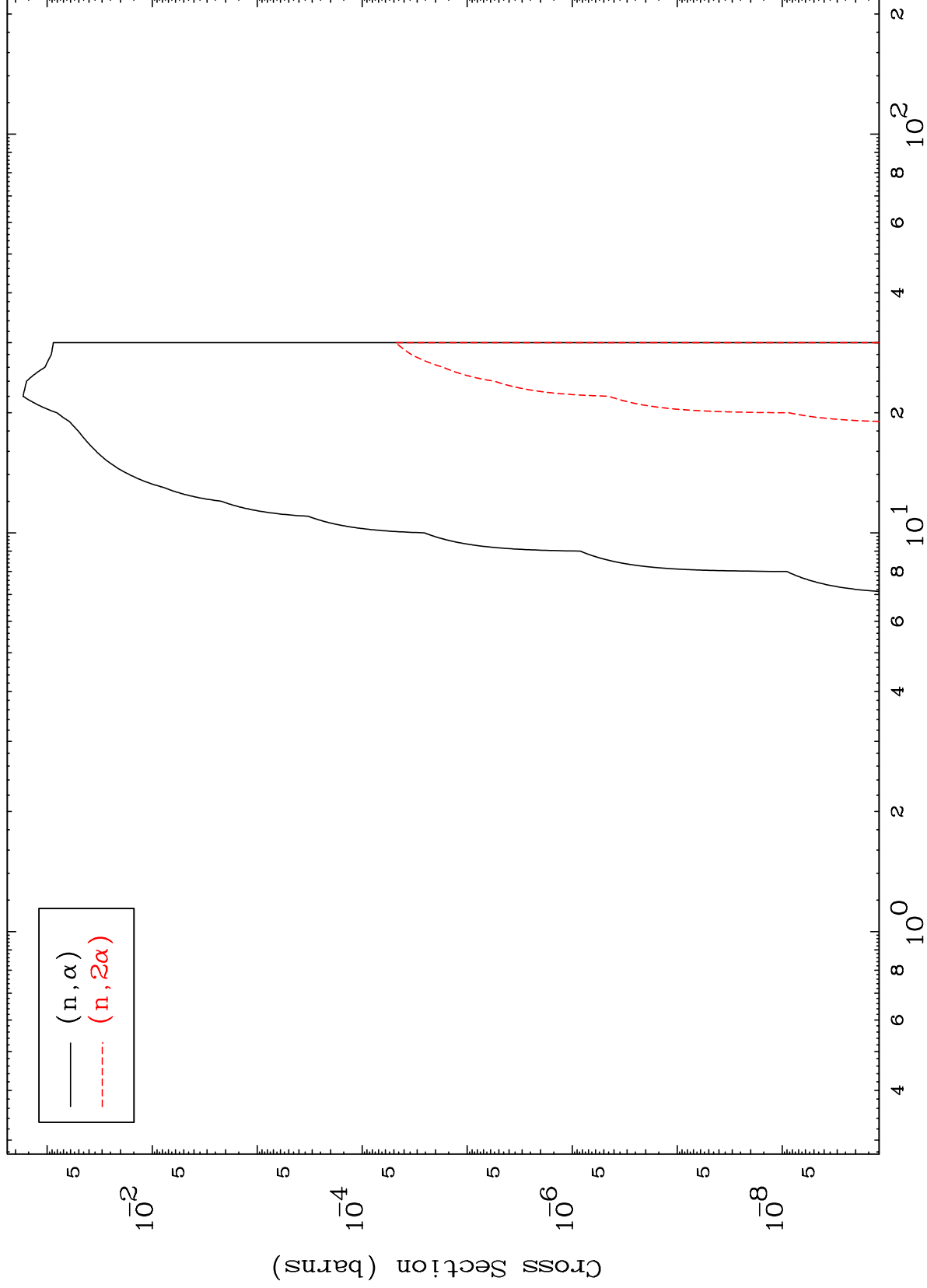
40-Zr-80

MAT 3995

(α, α) Levels

40-Zr-80

0 Kelvin Cross Sections



10

Incident Energy (MeV)

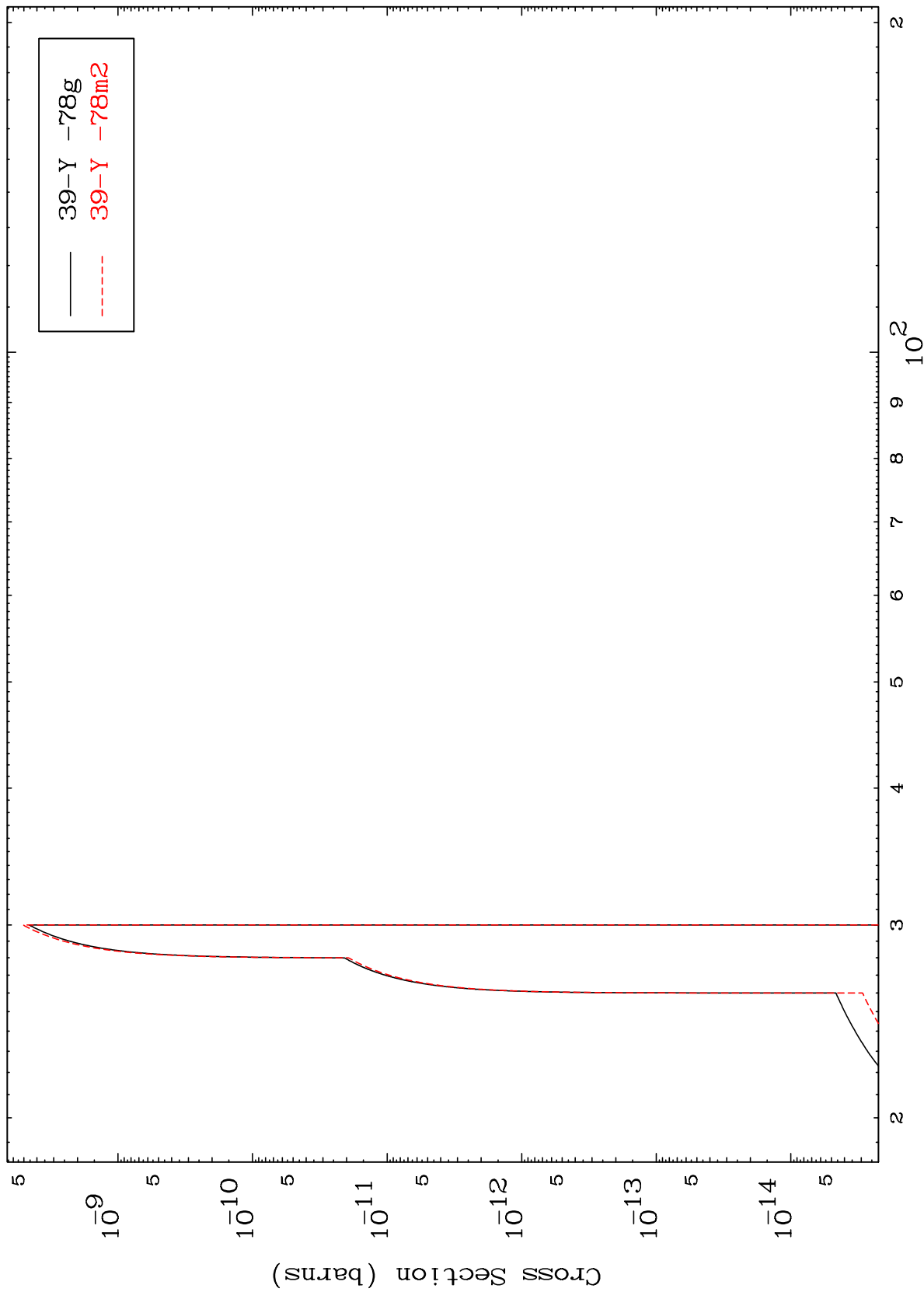
40-Zr-80

MAT 3995

(n,n') p α

40-Zr-80

Radionuclide Production Cross Section



11

Incident Energy (MeV)

40-Zr-80