

Program EVALPLOT
(Version 2018-1)

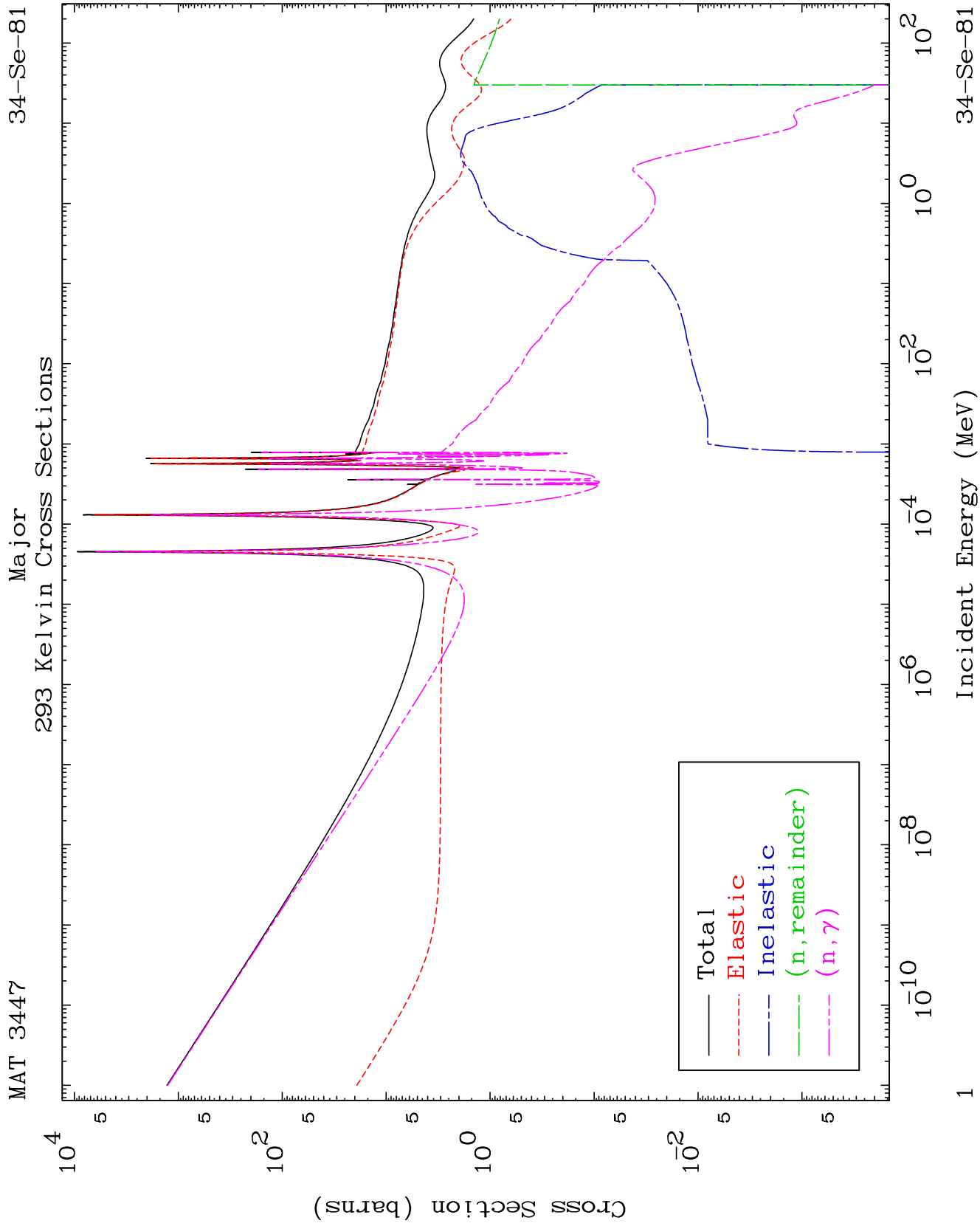
by

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

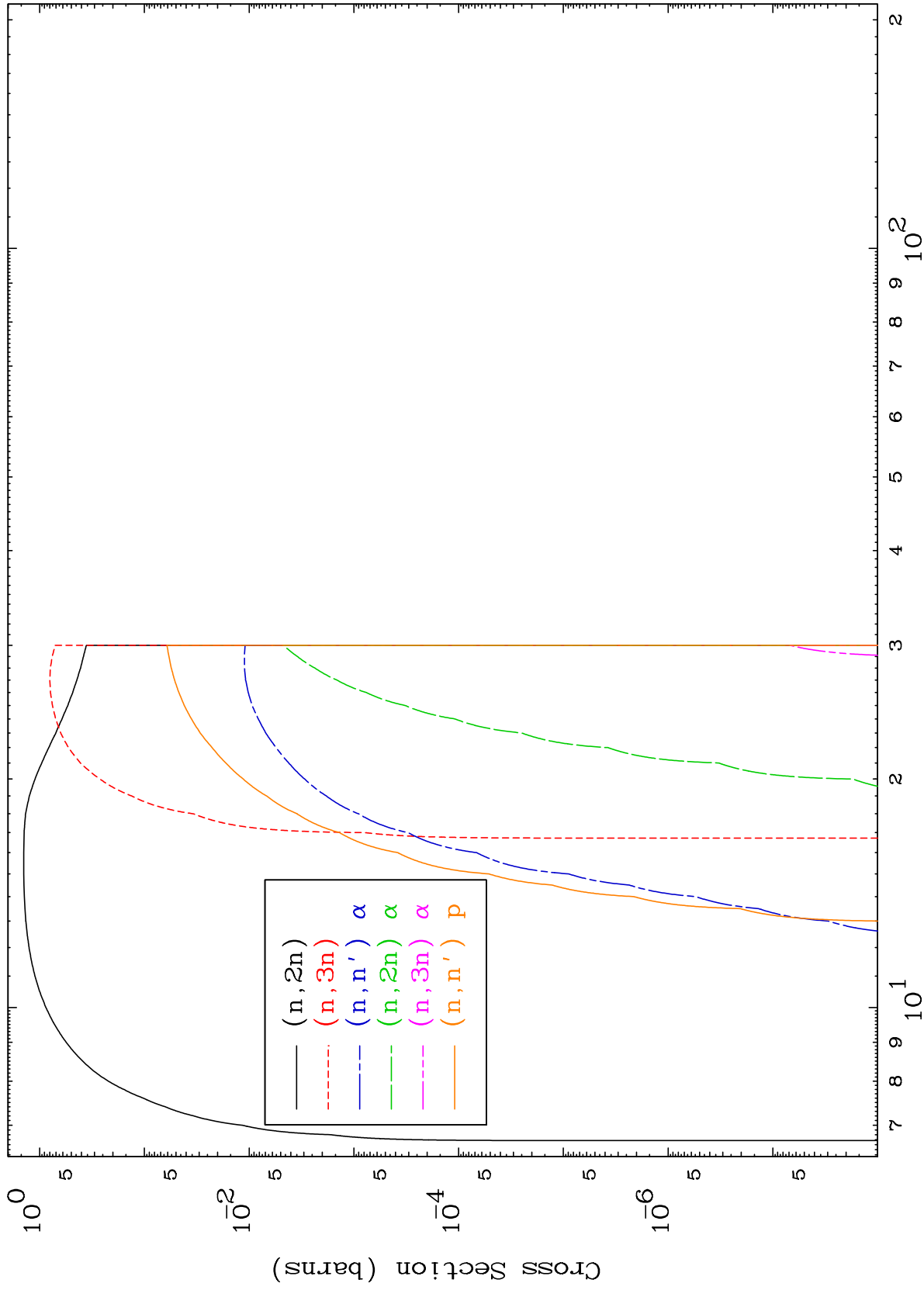
Press Mouse Button to Start



MAT 3447

Neutron Production
293 Kelvin Cross Sections

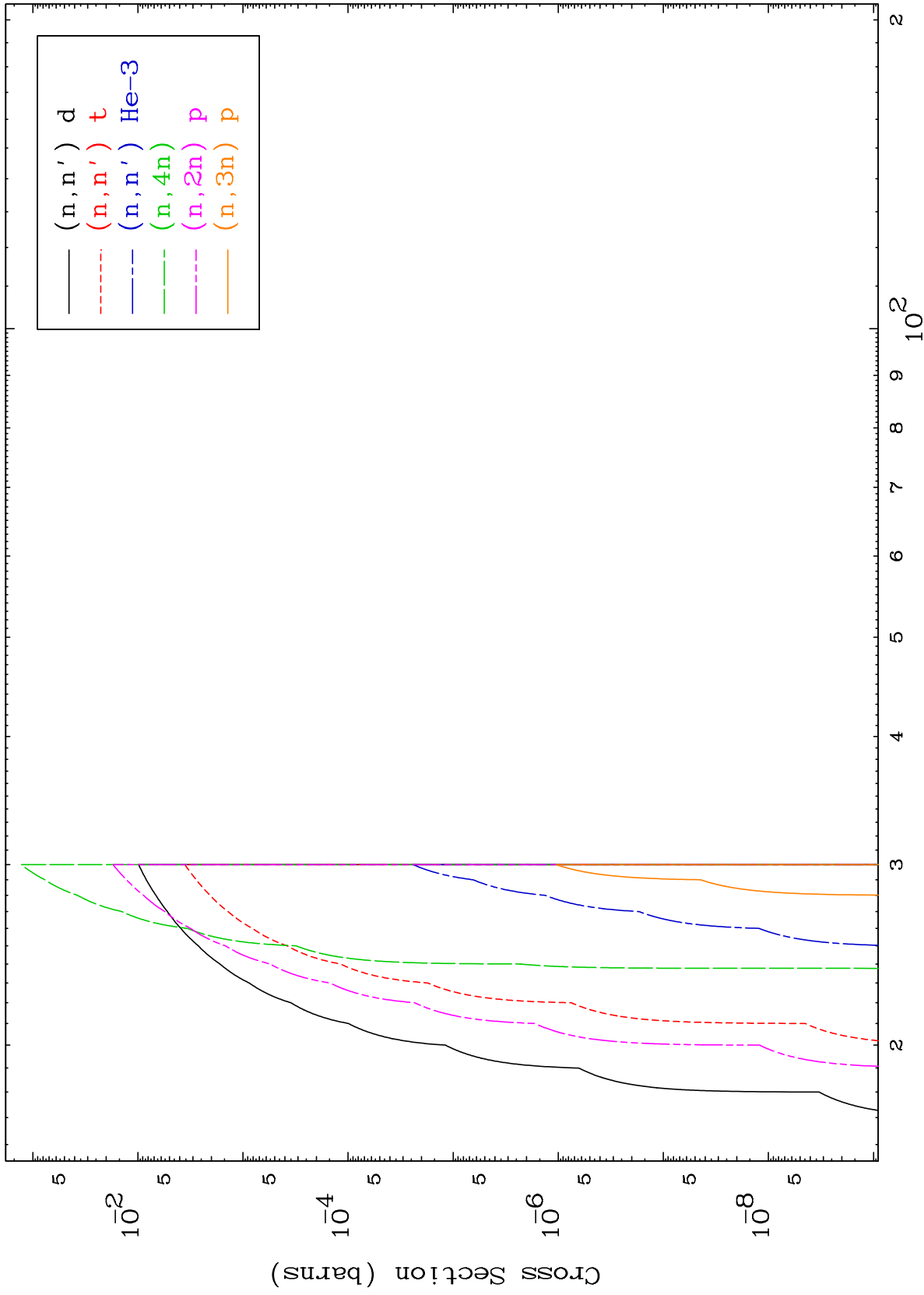
34-Se-81



2

Incident Energy (MeV)

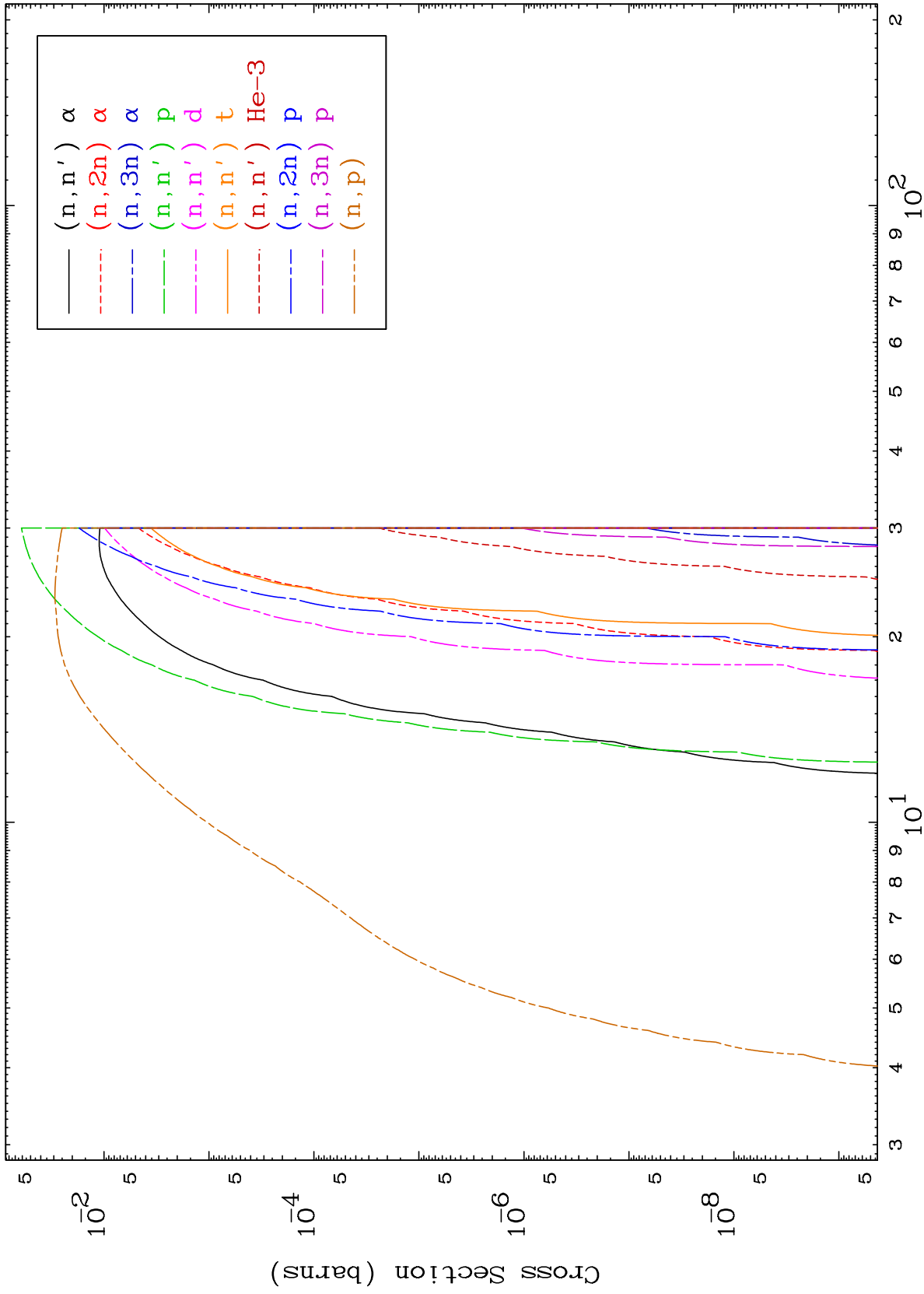
34-Se-81



MAT 3447

Charged Particle
293 Kelvin Cross Sections

34-Se-81



4

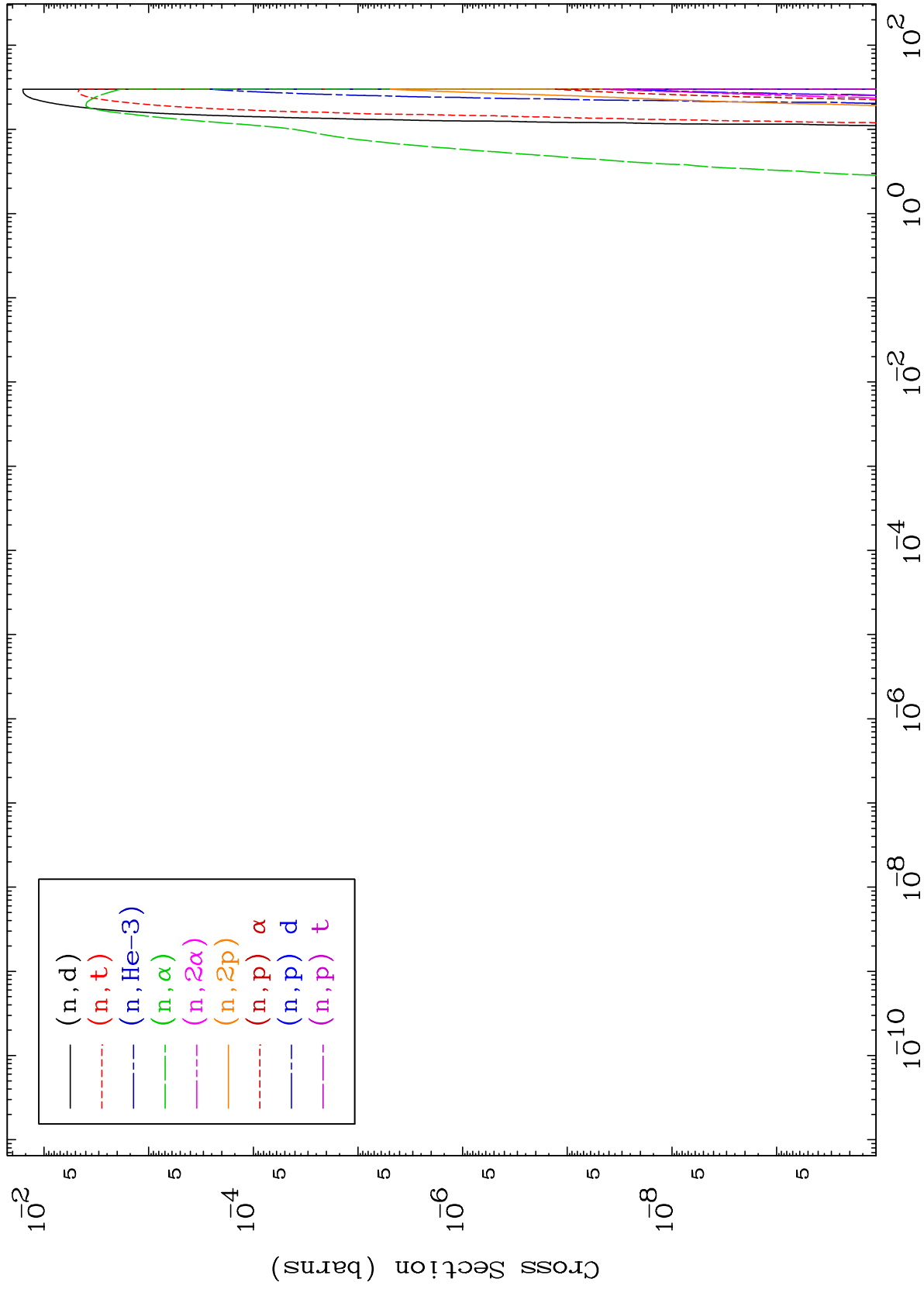
Incident Energy (MeV)

34-Se-81

MAT 3447

Charged Particle
293 Kelvin Cross Sections

34-Se-81



5

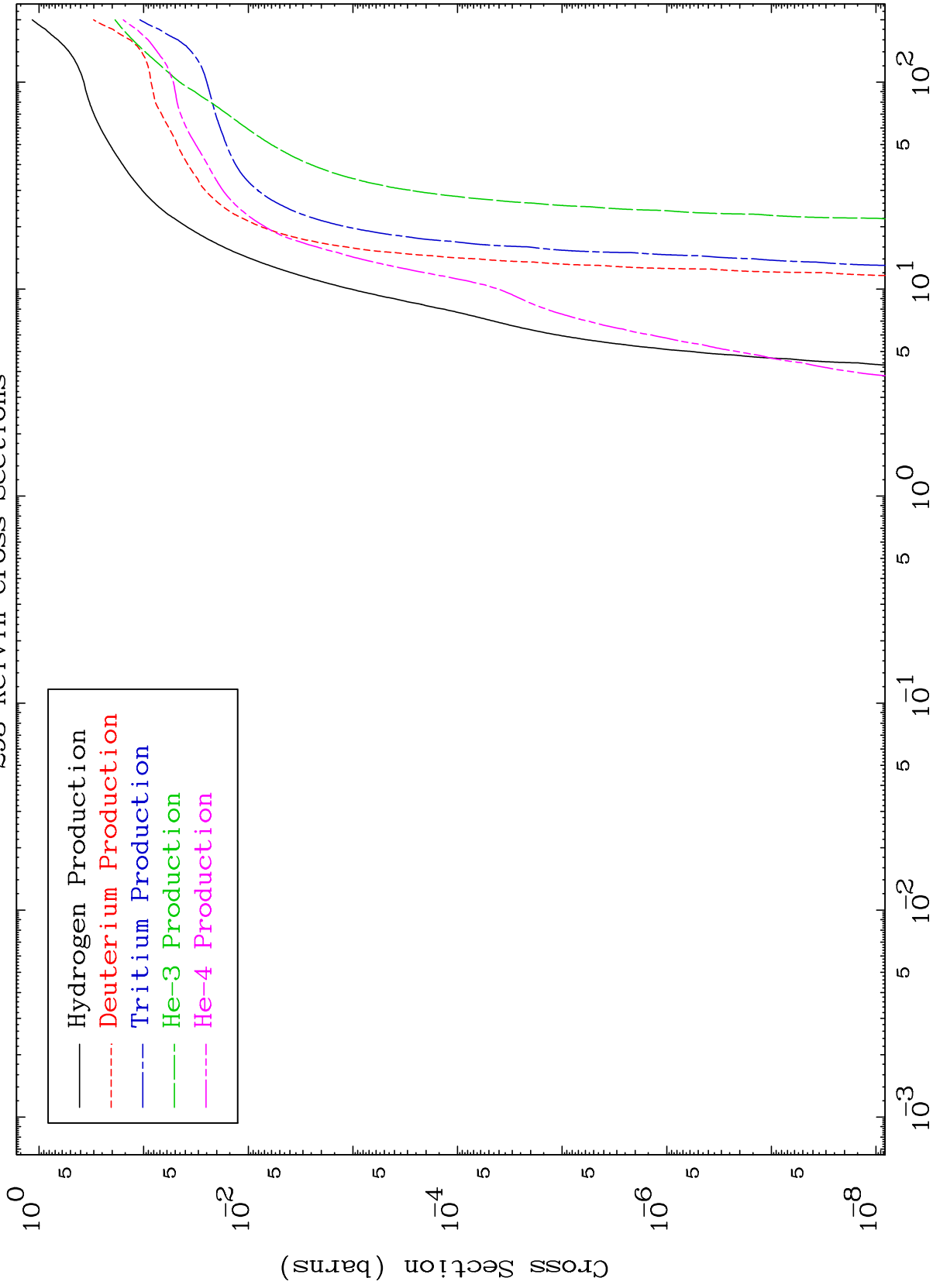
Incident Energy (MeV)

34-Se-81

MAT 3447

Particle Production
293 Kelvin Cross Sections

34-Se-81



6

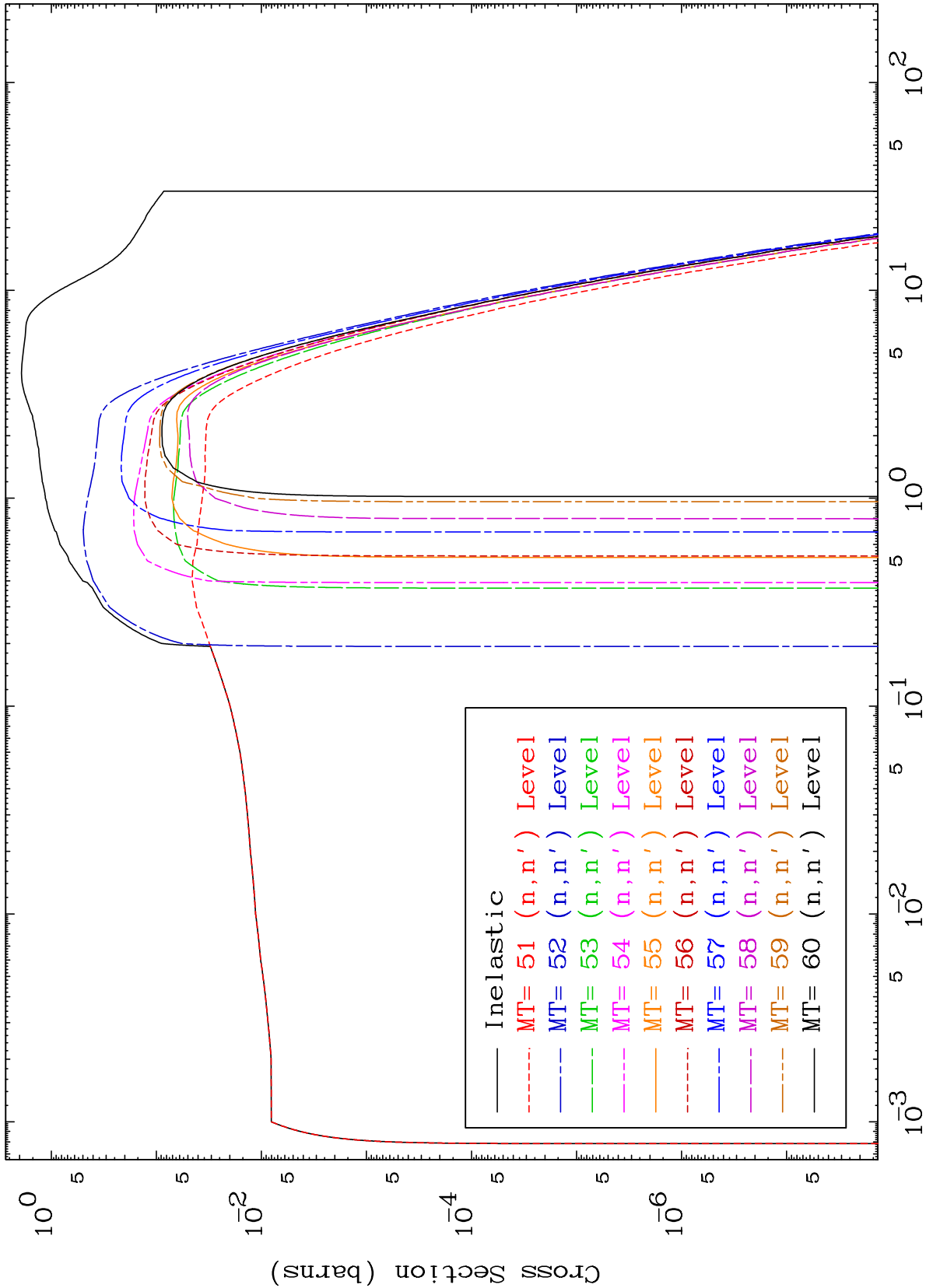
Incident Energy (MeV)

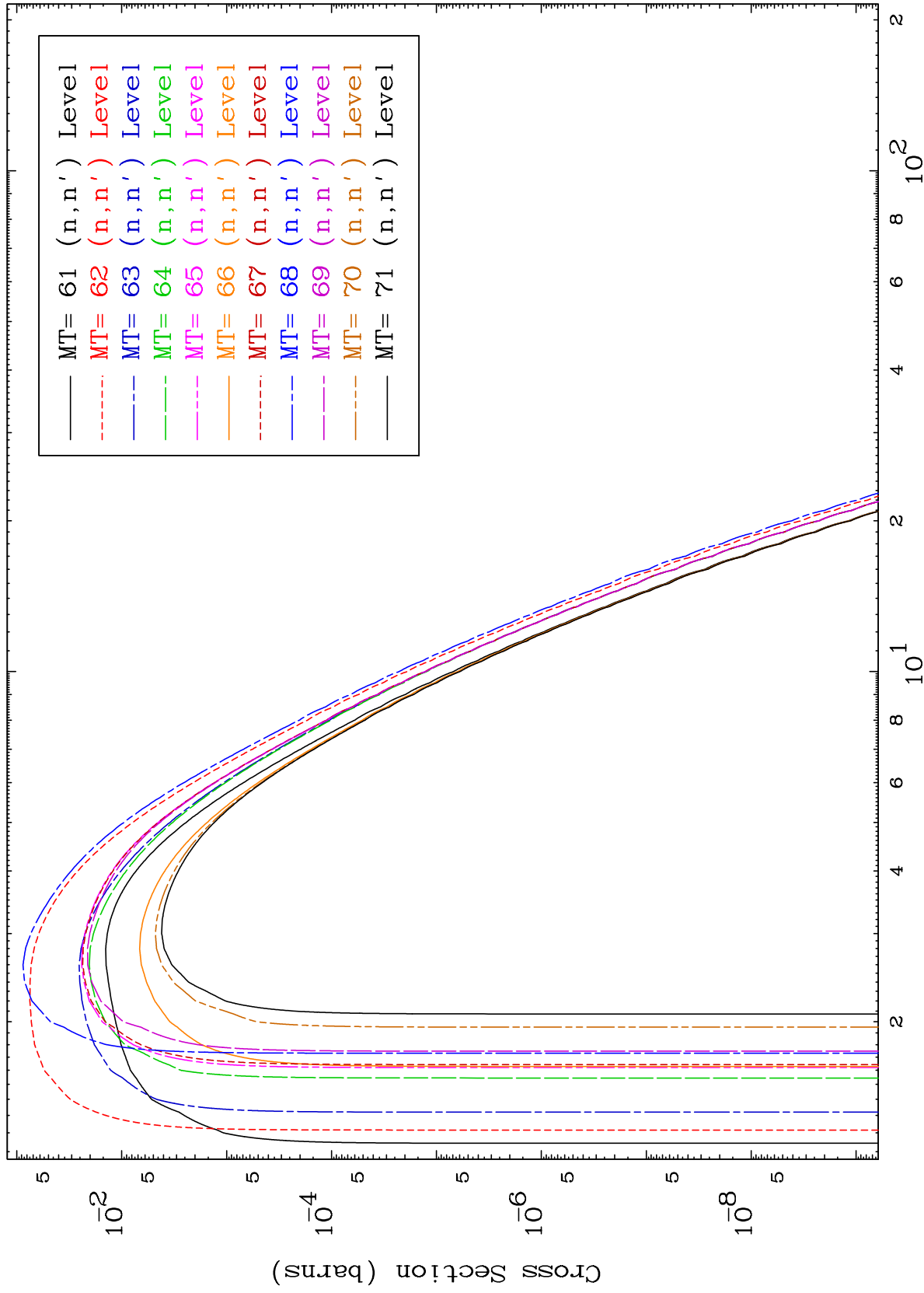
34-Se-81

MAT 3447

34-Se-81

(n,n') Level
293 Kelvin Cross Sections



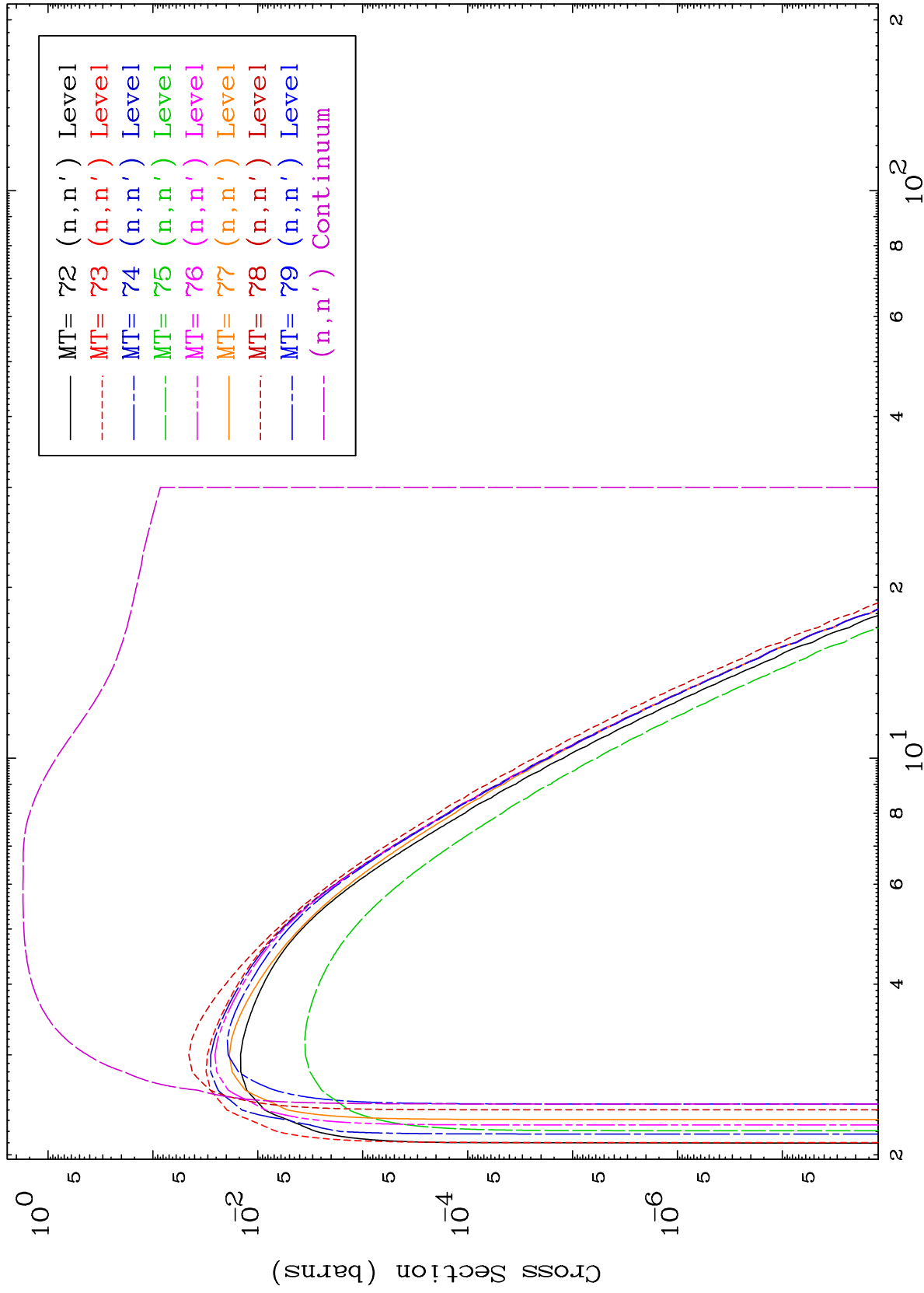


MAT 3447

(n,n') Level

34-Se-81

293 Kelvin Cross Sections



9

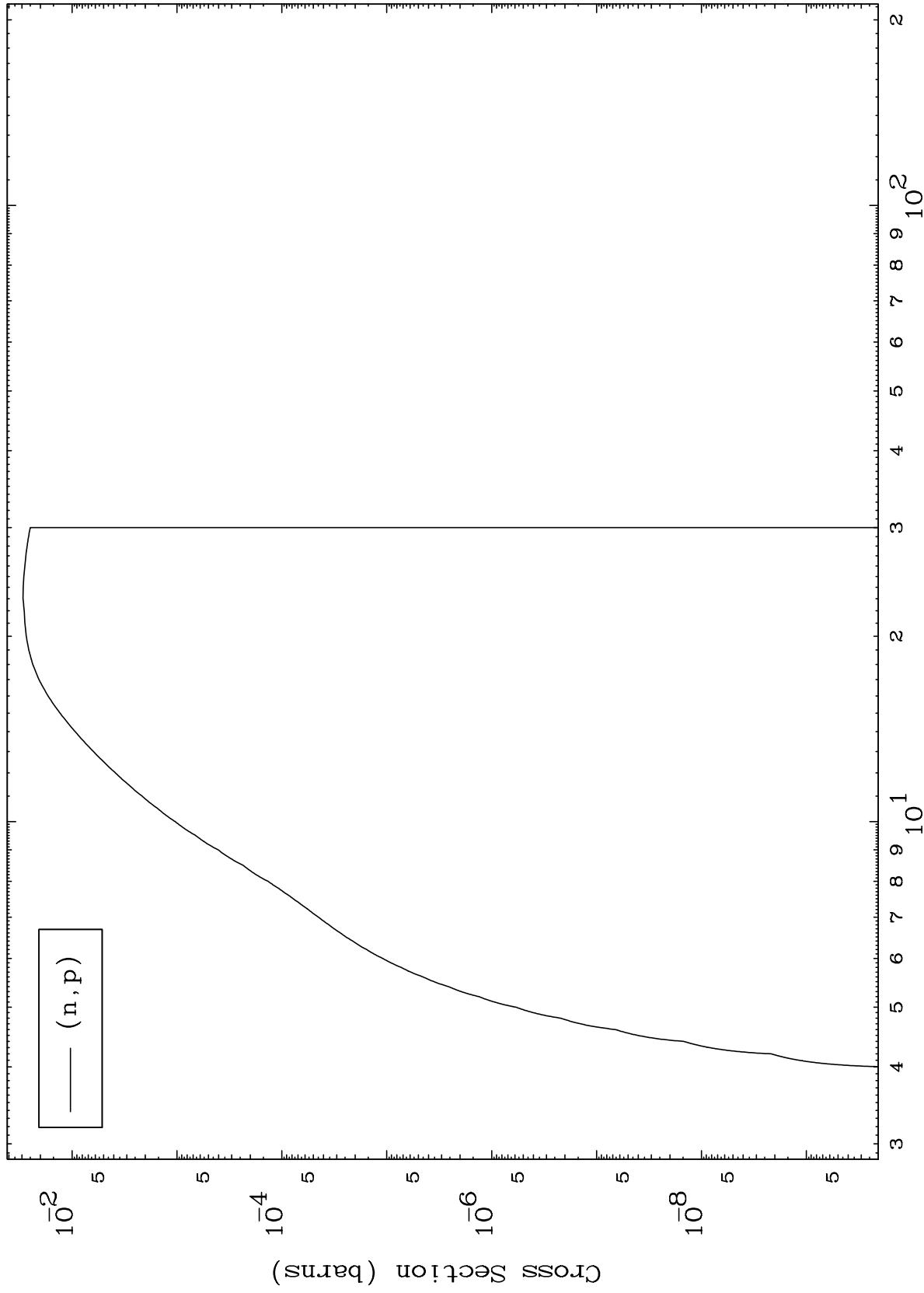
Incident Energy (MeV)

34-Se-81

MAT 3447

34-Se-81

(n,p) Levels
293 Kelvin Cross Sections



10

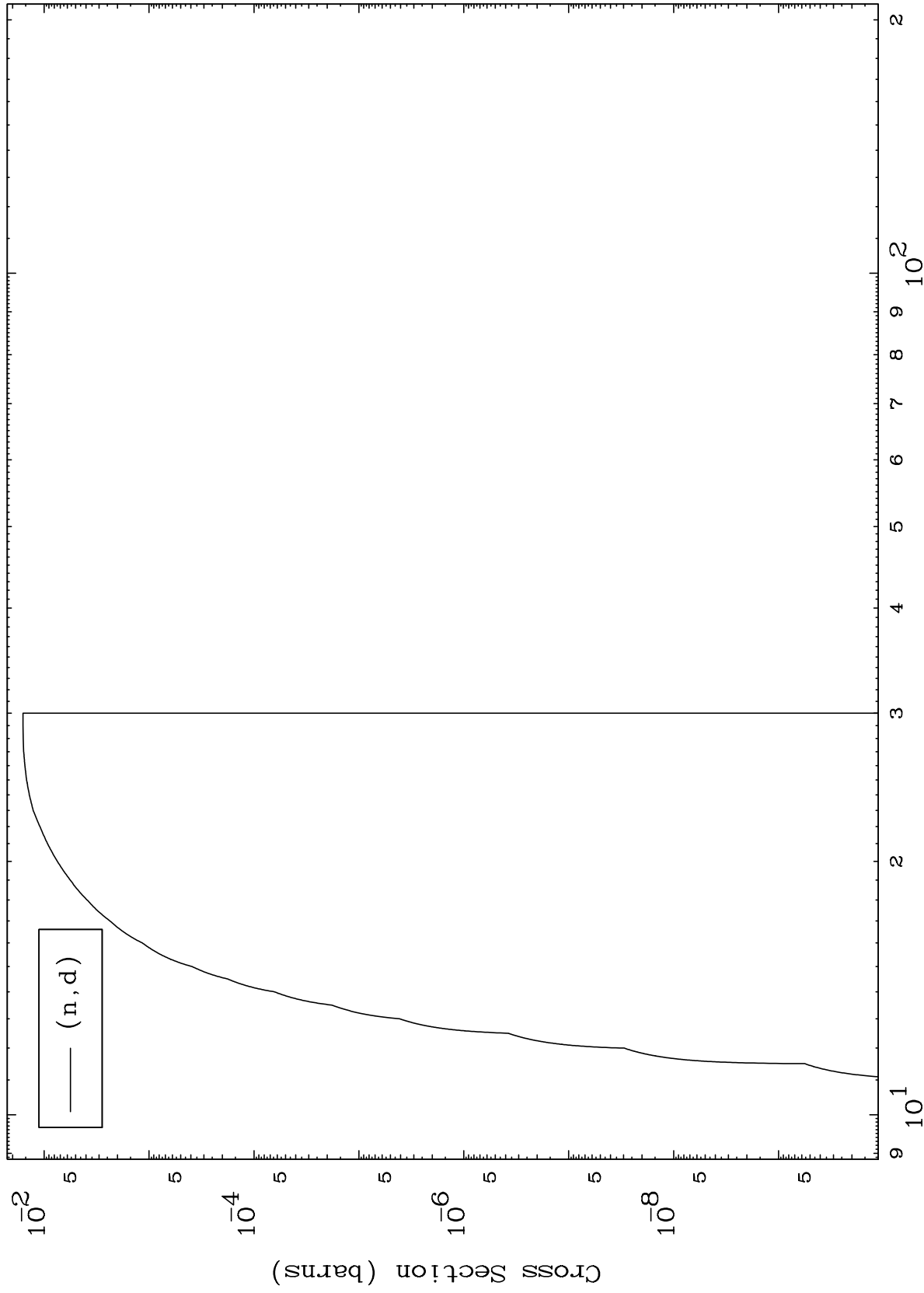
Incident Energy (MeV)

34-Se-81

MAT 3447

34-Se-81

(n,d) Levels
293 Kelvin Cross Sections



11

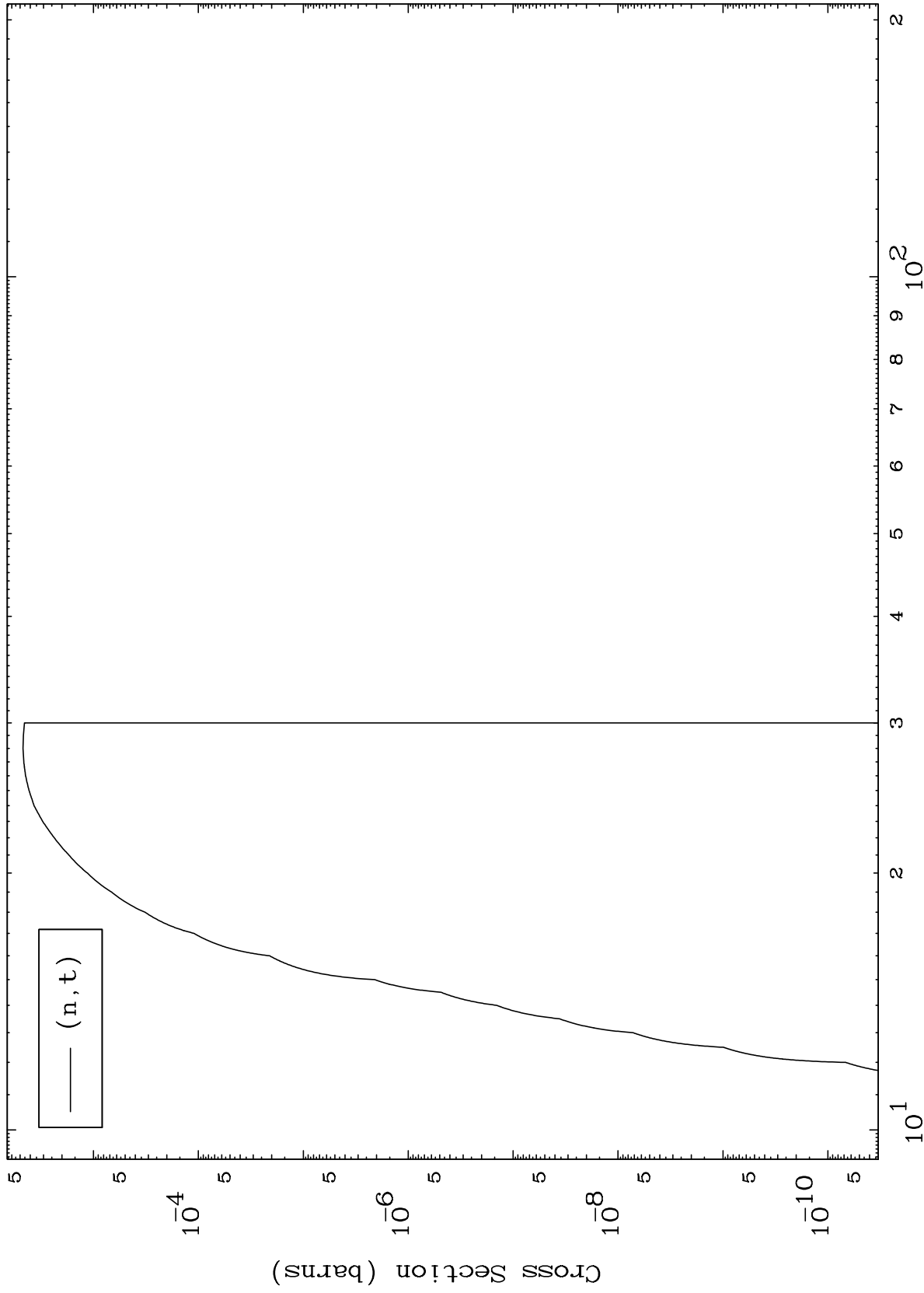
Incident Energy (MeV)

34-Se-81

MAT 3447

34-Se-81

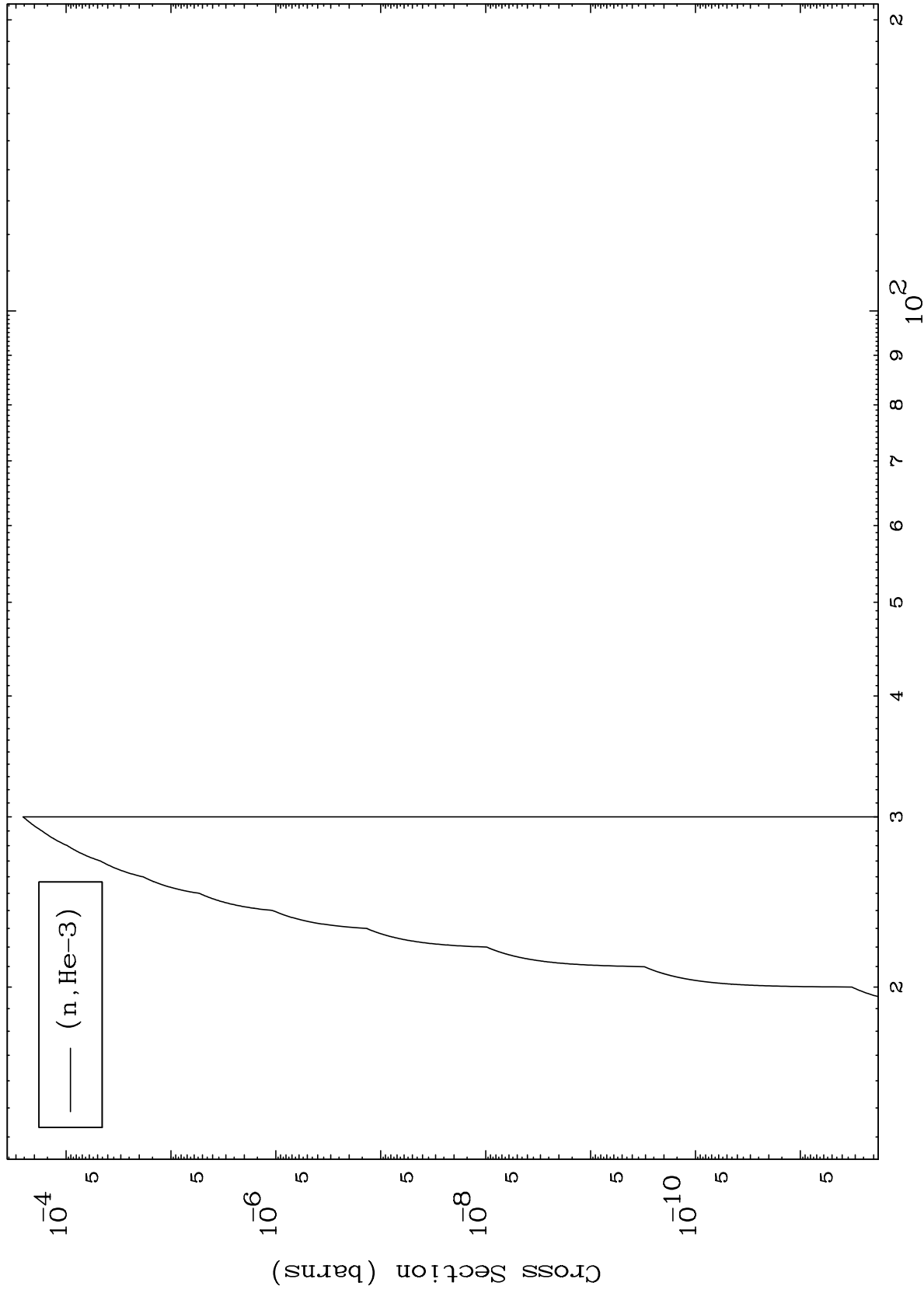
(n,t) Levels
293 Kelvin Cross Sections



12

Incident Energy (MeV)

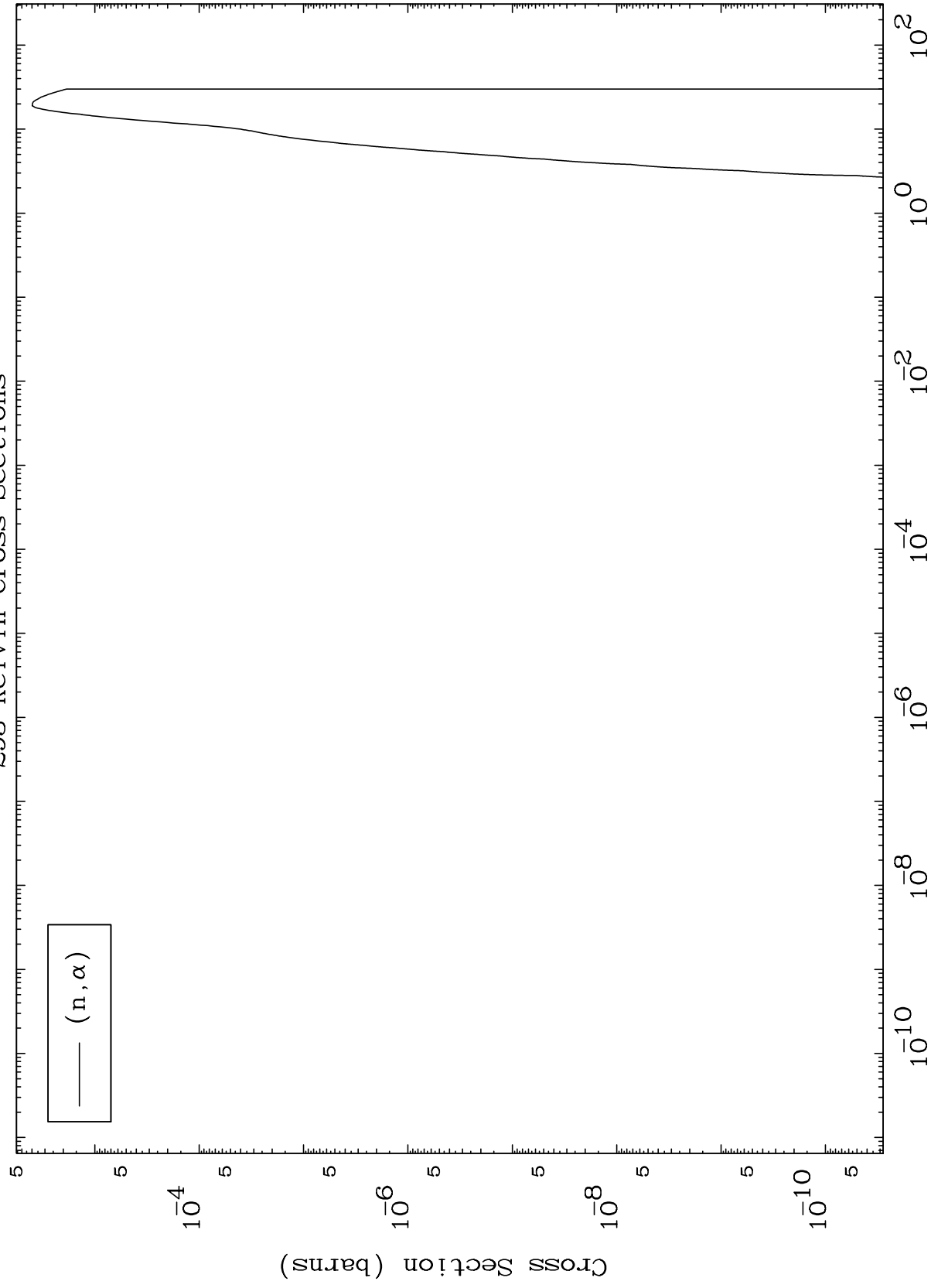
34-Se-81



MAT 3447

(n, α) Levels
293 Kelvin Cross Sections

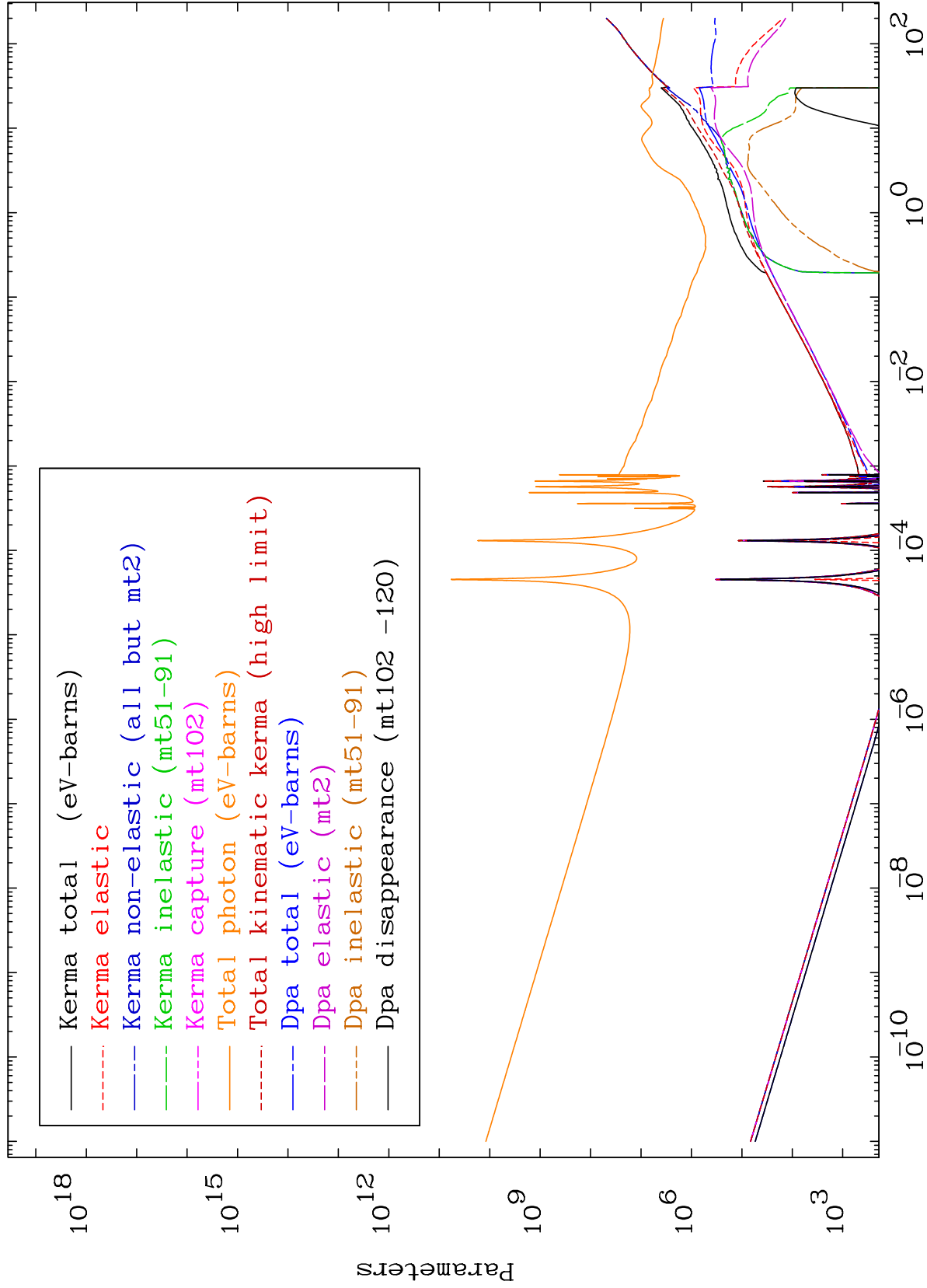
34-Se-81

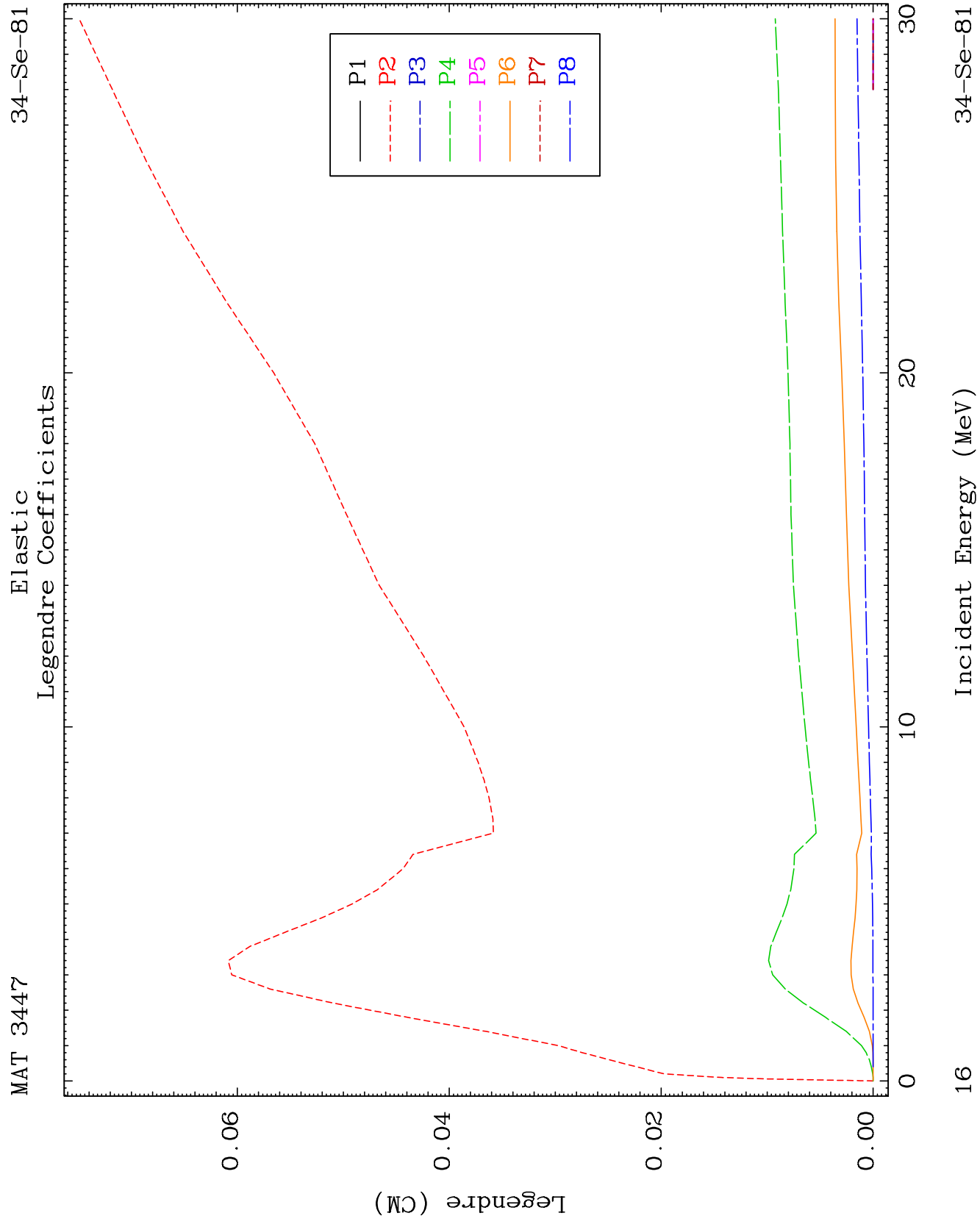


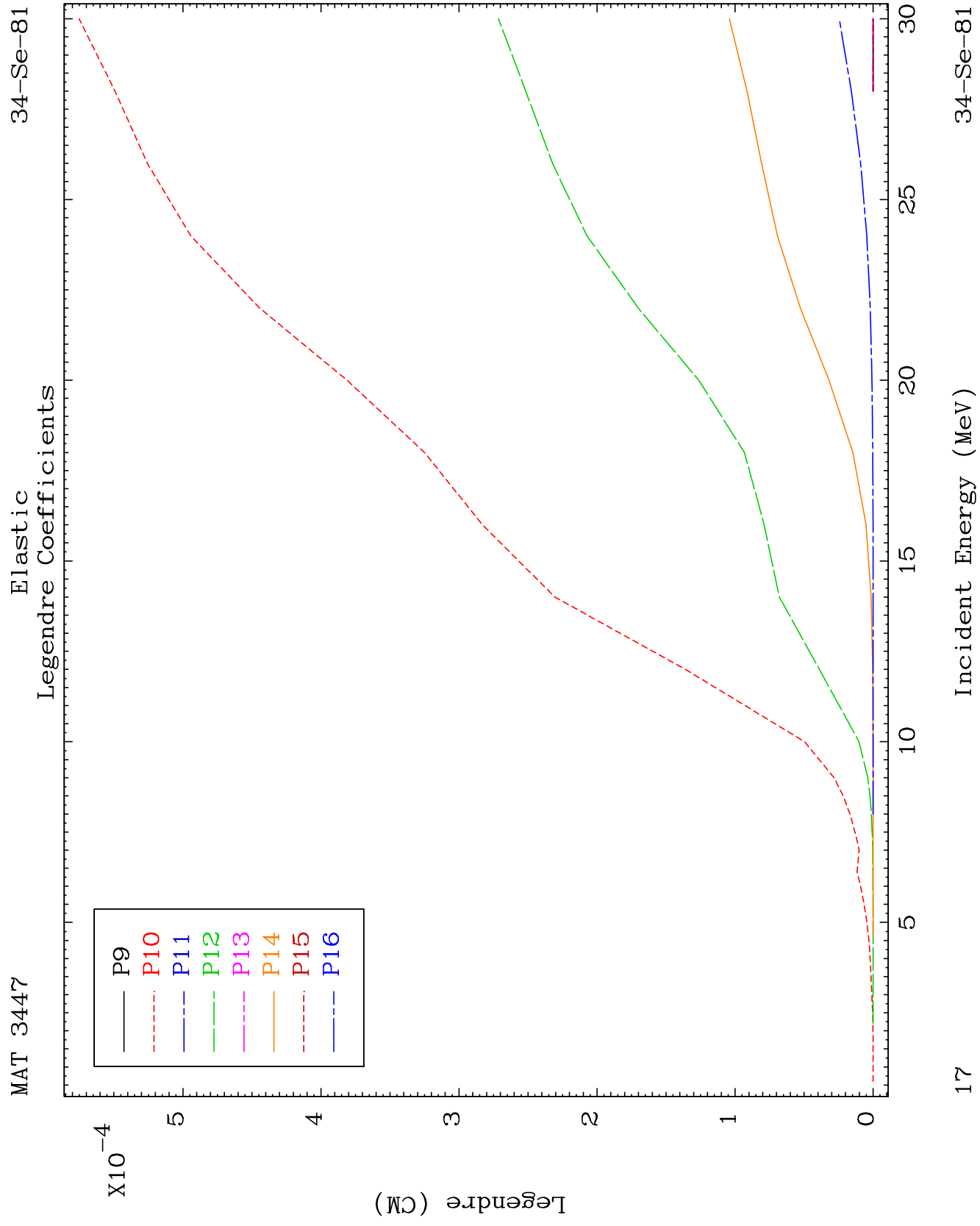
14

Incident Energy (MeV)

34-Se-81



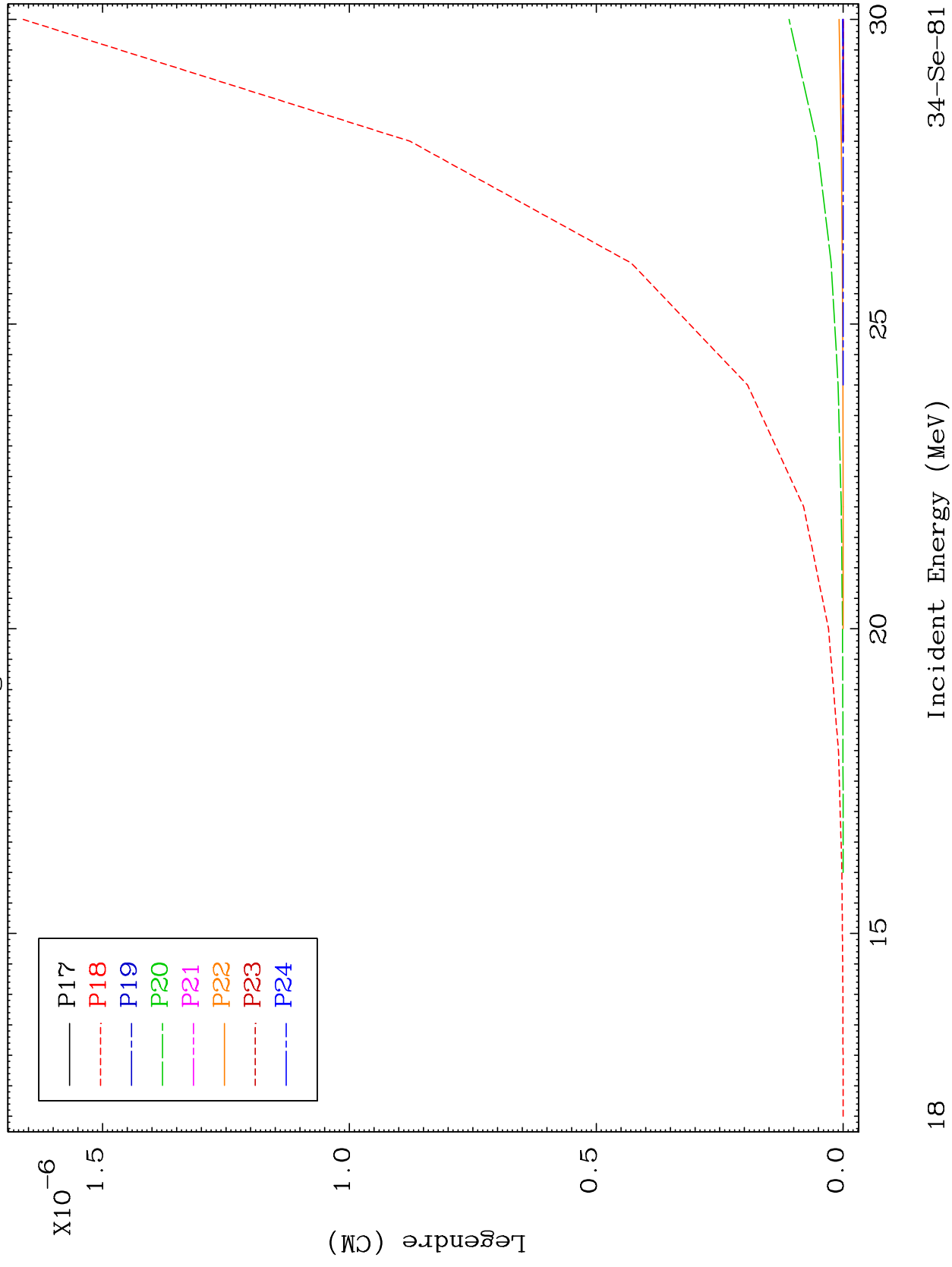




MAT 3447

Elastic Legendre Coefficients

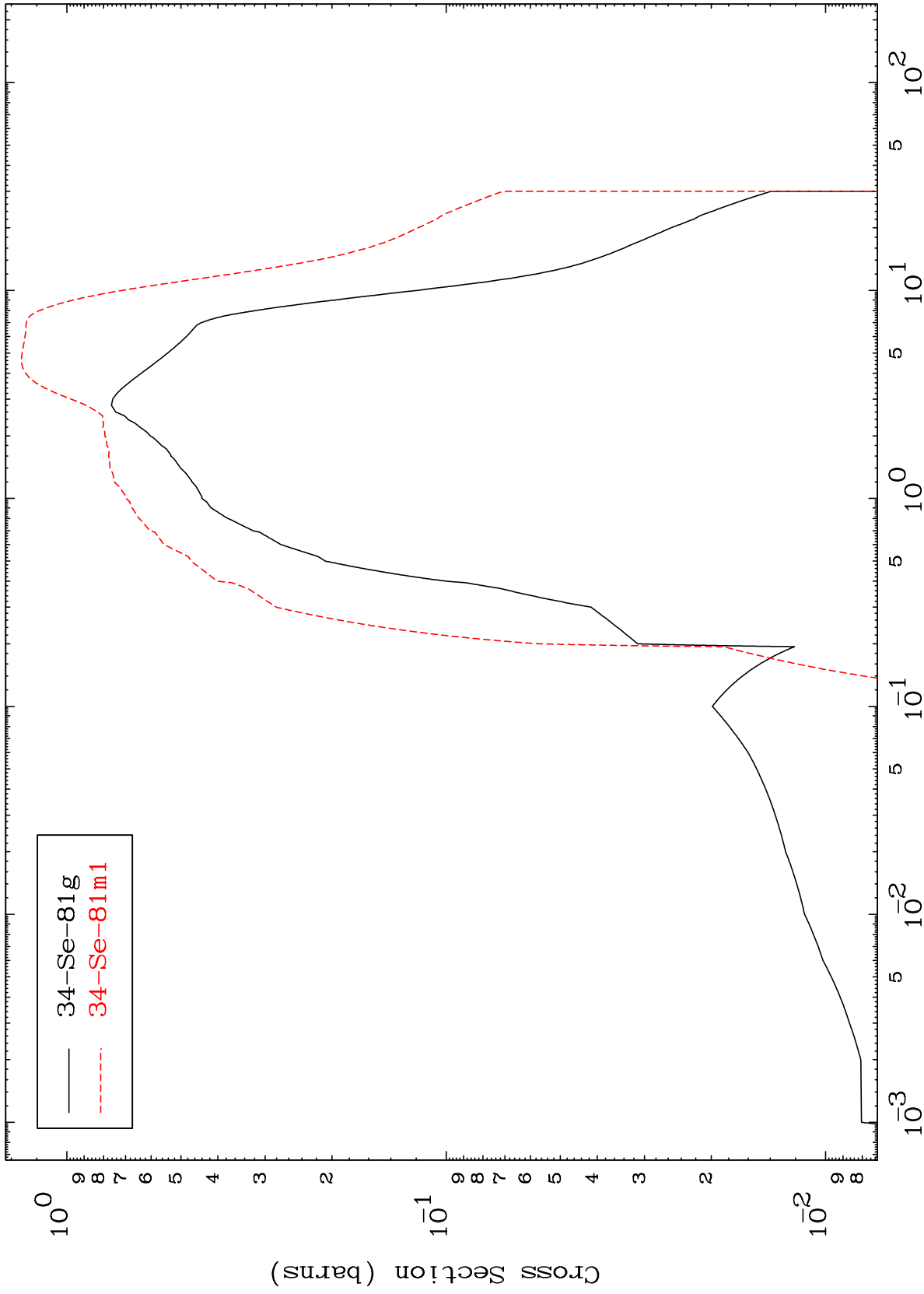
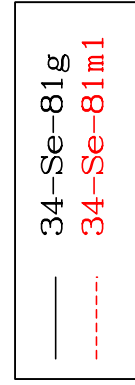
34-Se-81



MAT 3447

34-Se-81

Inelastic
Radionuclide Production Cross Section



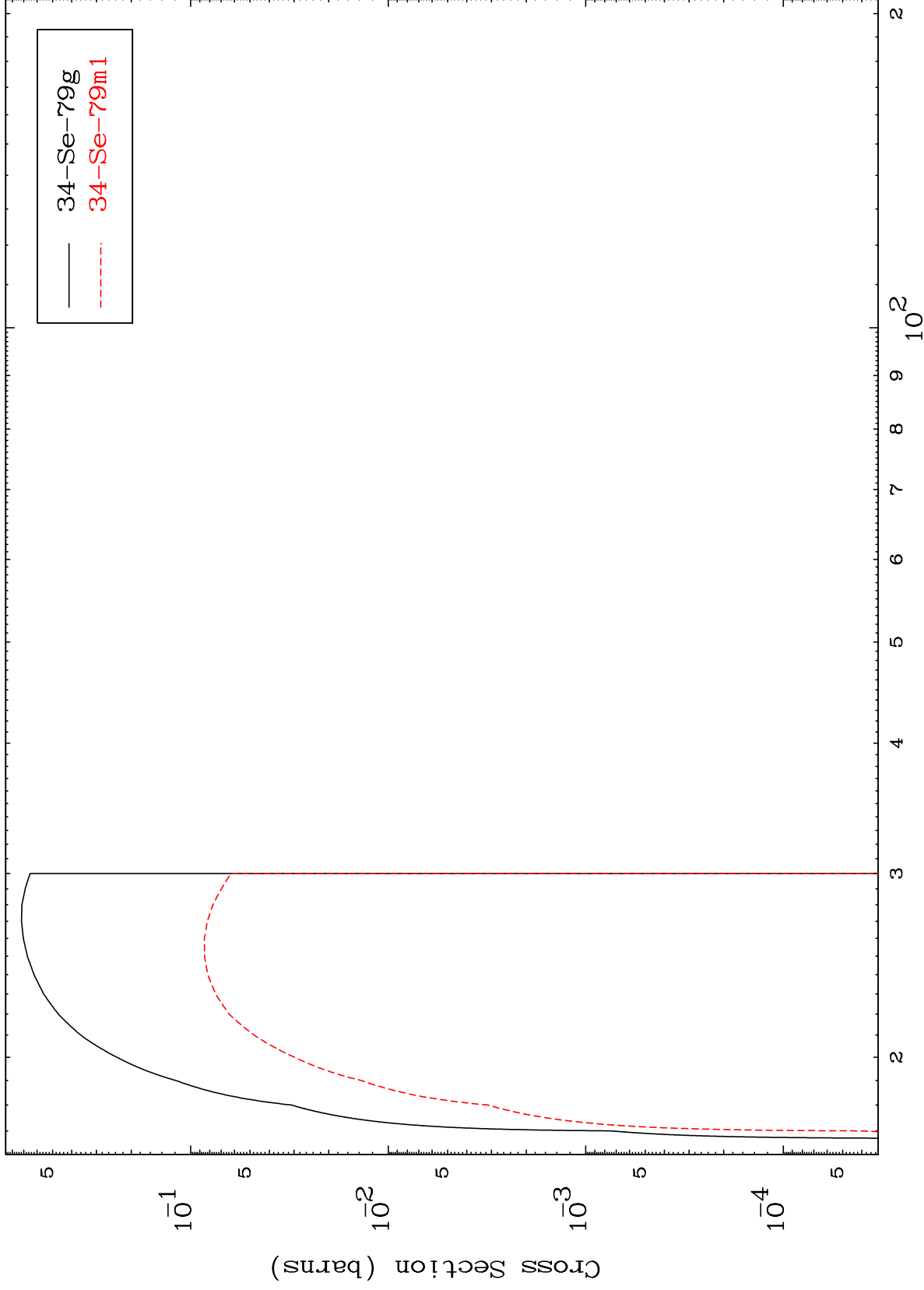
19

34-Se-81

MAT 3447

34-Se-81

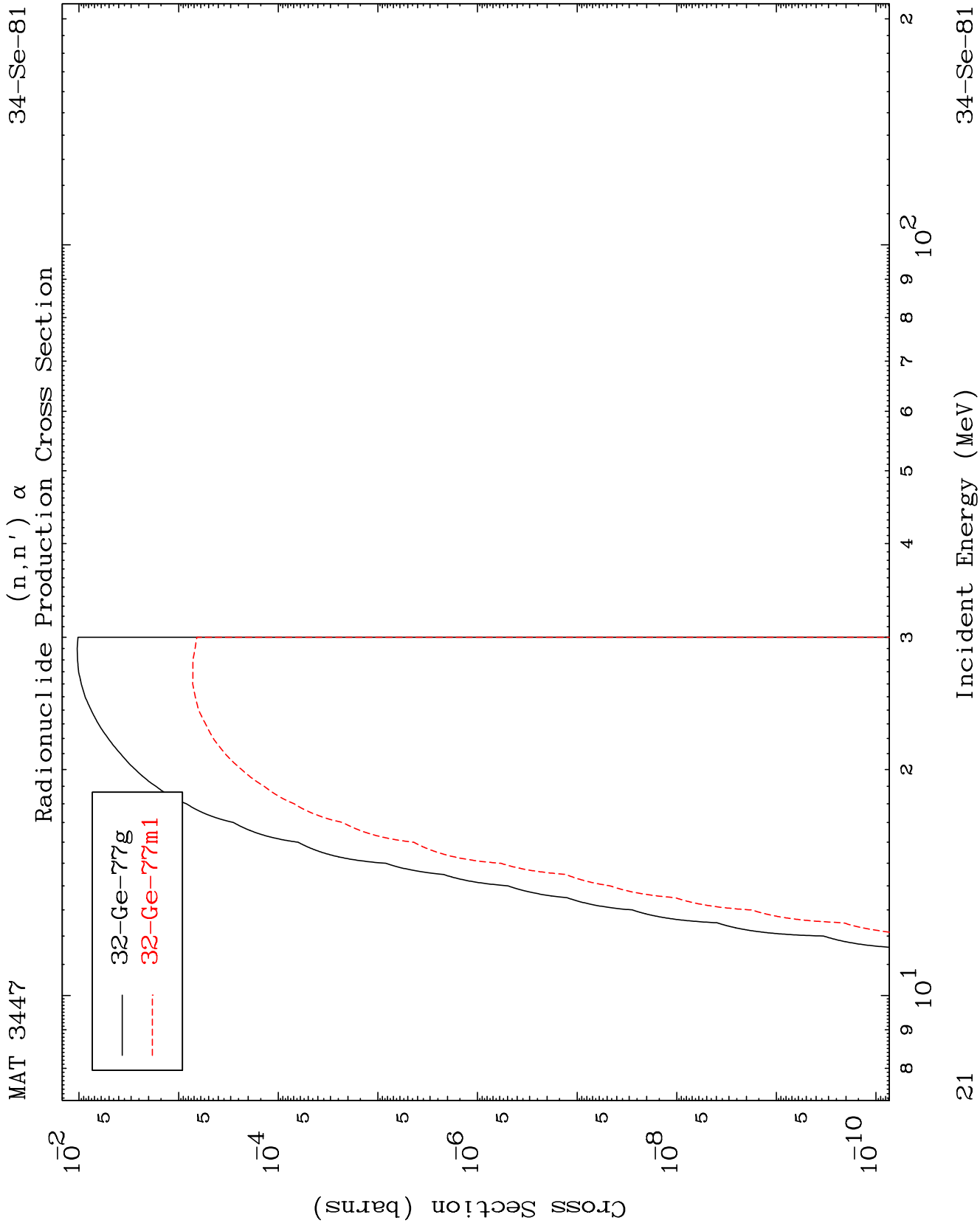
Radionuclide Production Cross Section
(n,3n)



20

Incident Energy (MeV)

34-Se-81

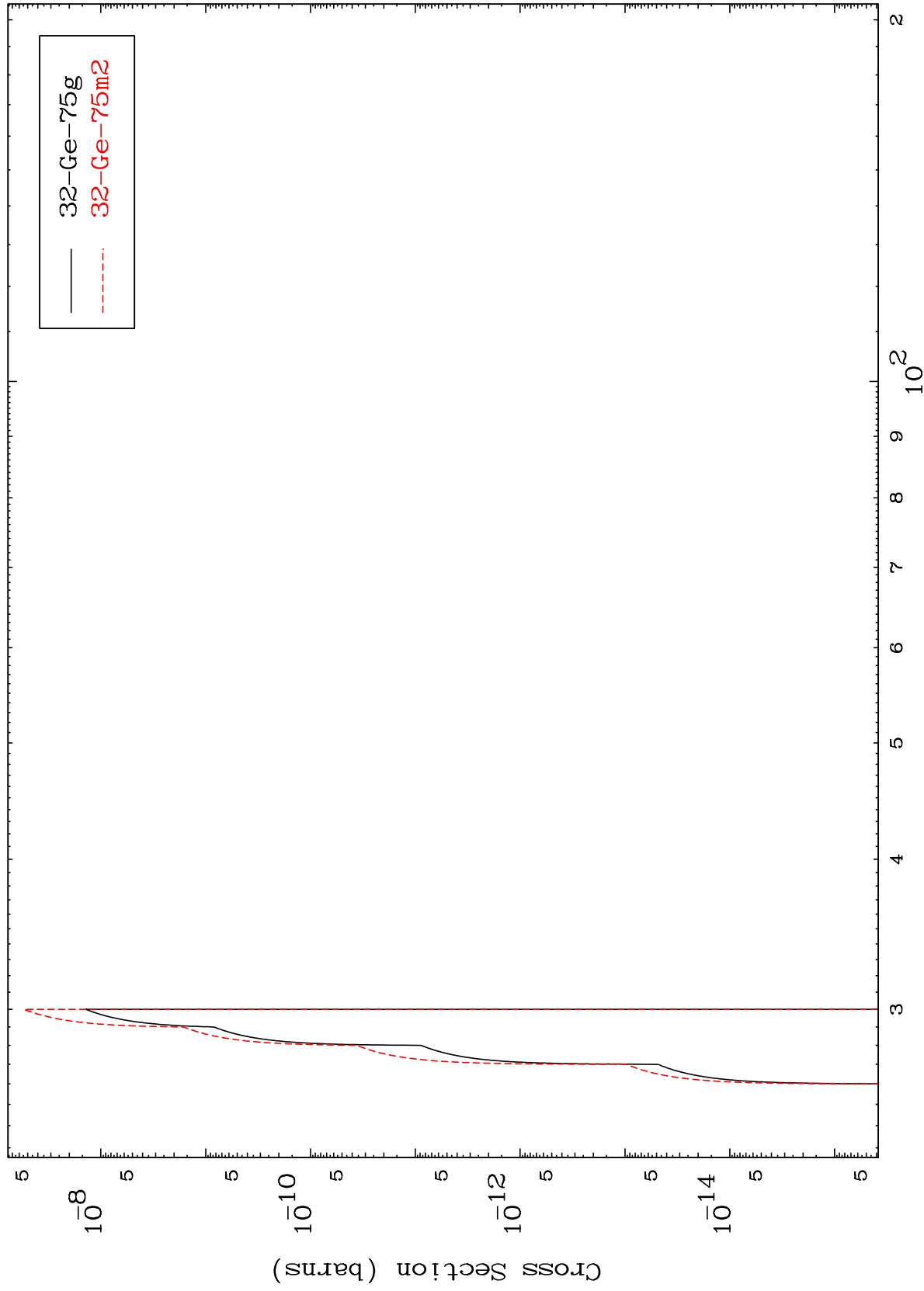


MAT 3447

$(n,3n) \alpha$

34-^{Se}-81

Radionuclide Production Cross Section



22

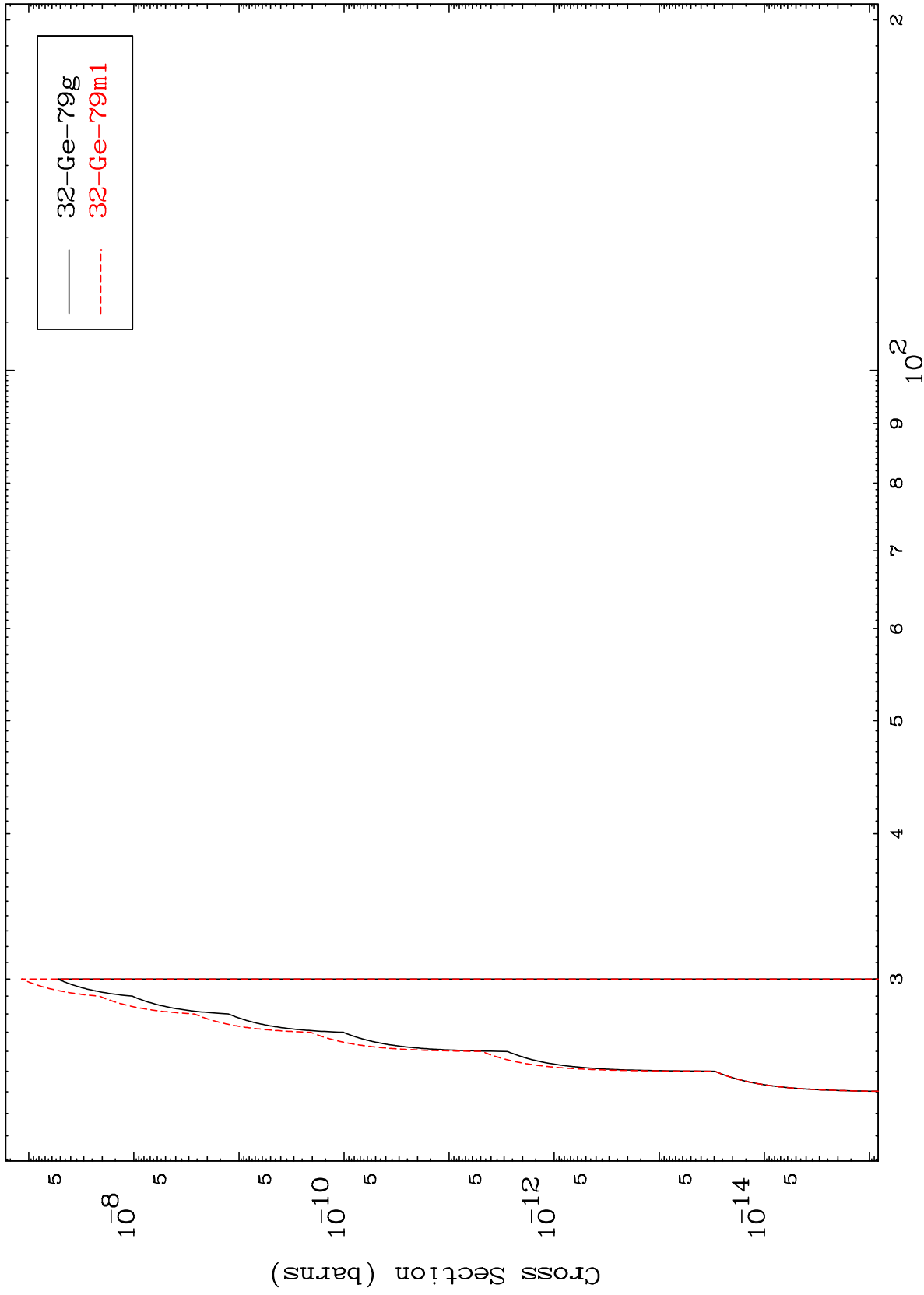
Incident Energy (MeV)

34-^{Se}-81

MAT 3447

34-^{Se}-81

(n,2n) p
Radionuclide Production Cross Section



23

Incident Energy (MeV)

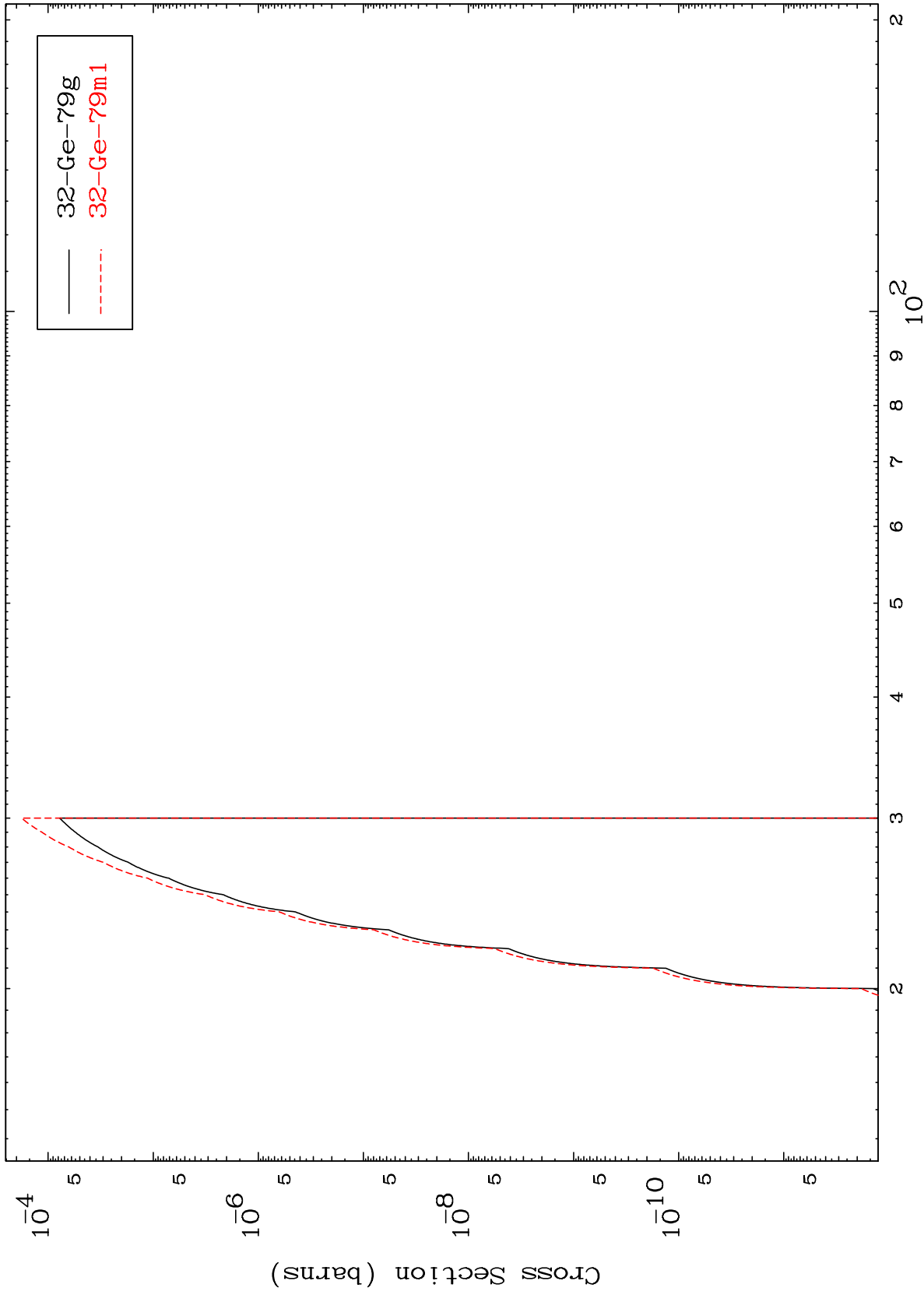
34-^{Se}-81

MAT 3447

(n,He-3)

34-Se-81

Radionuclide Production Cross Section



24

Incident Energy (MeV)

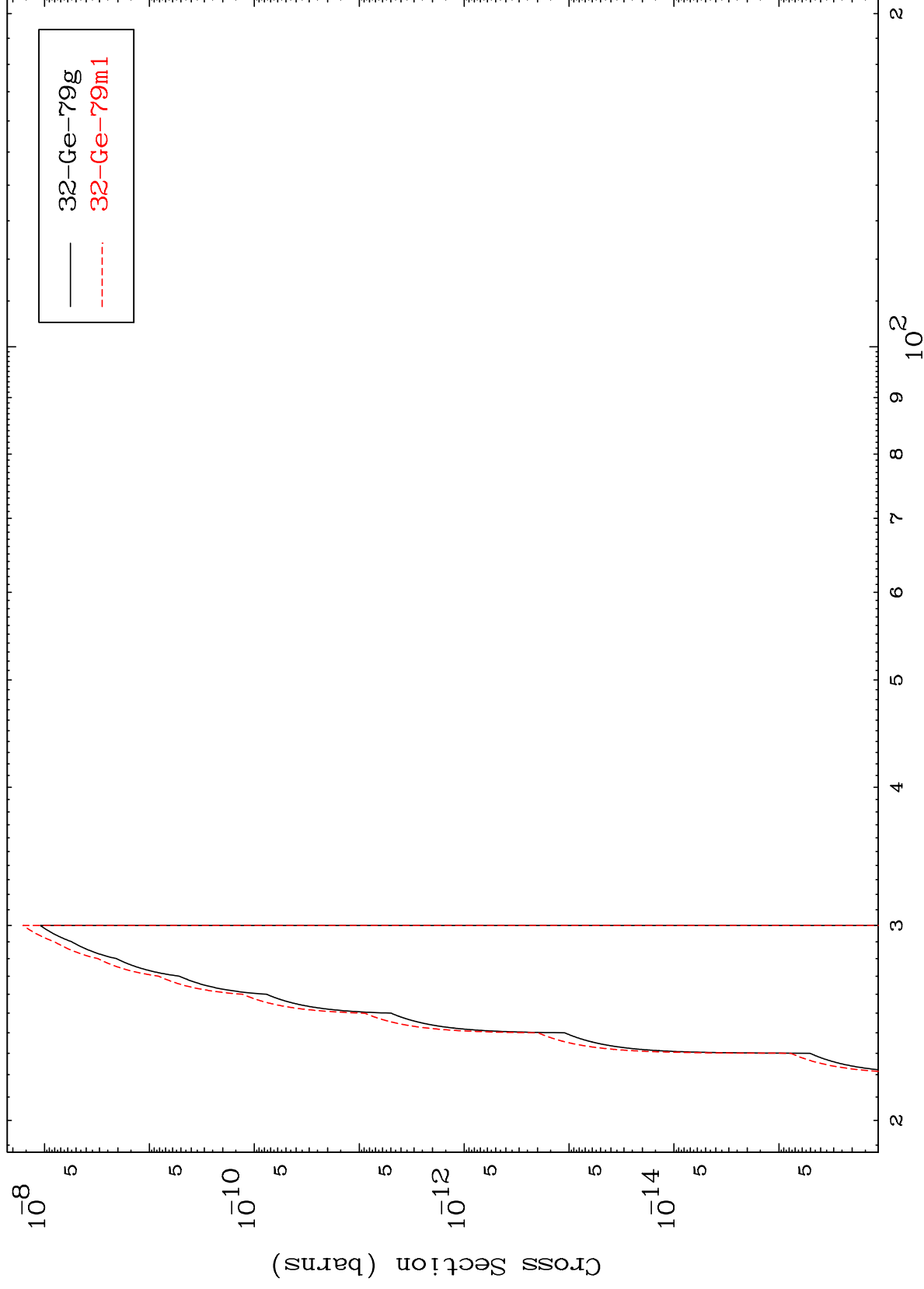
34-Se-81

MAT 3447

(n,p) d

³⁴Se-81

Radionuclide Production Cross Section



25

Incident Energy (MeV)

³⁴Se-81