

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

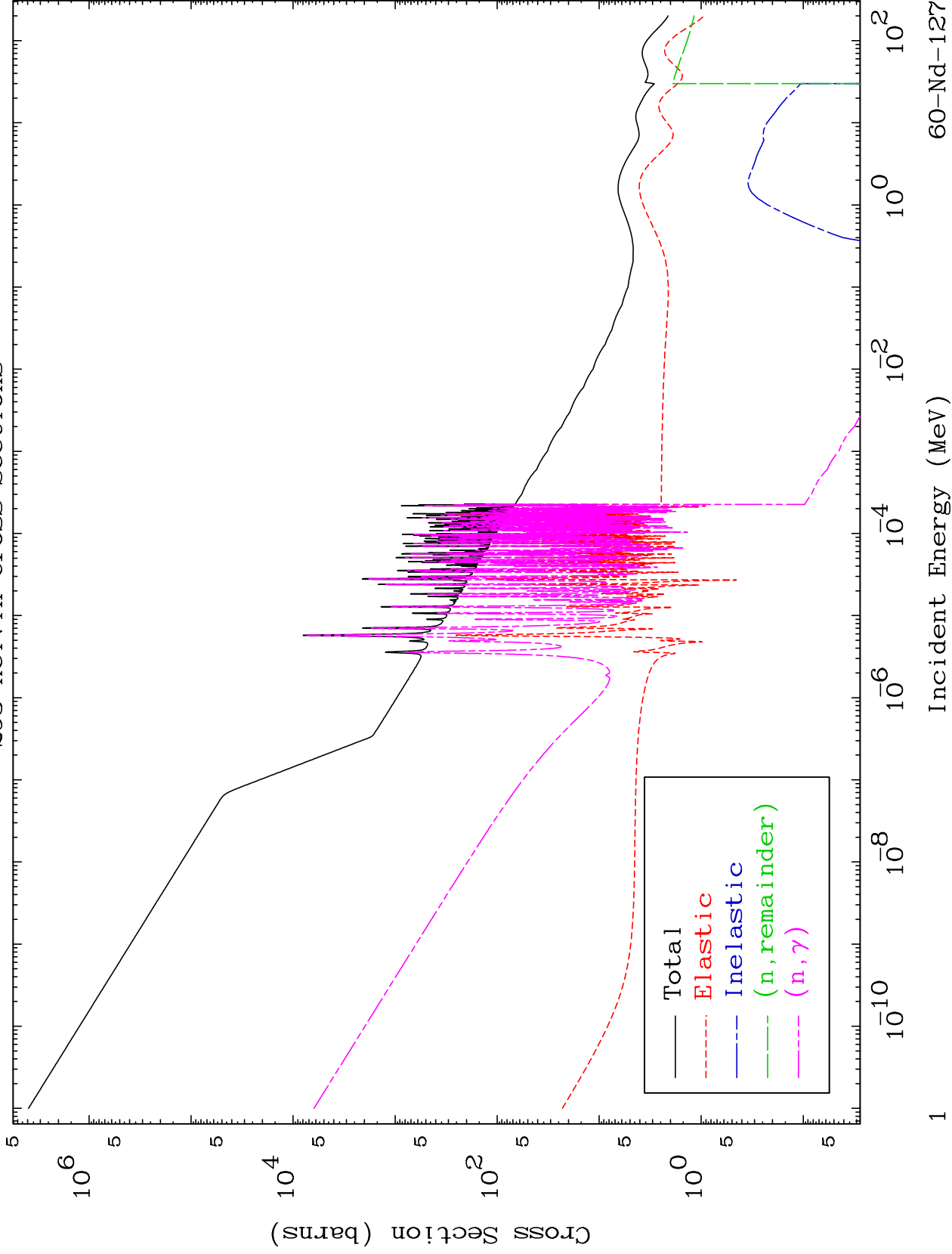
Press Mouse Button to Start

MAT 5980

Major

293 Kelvin Cross Sections

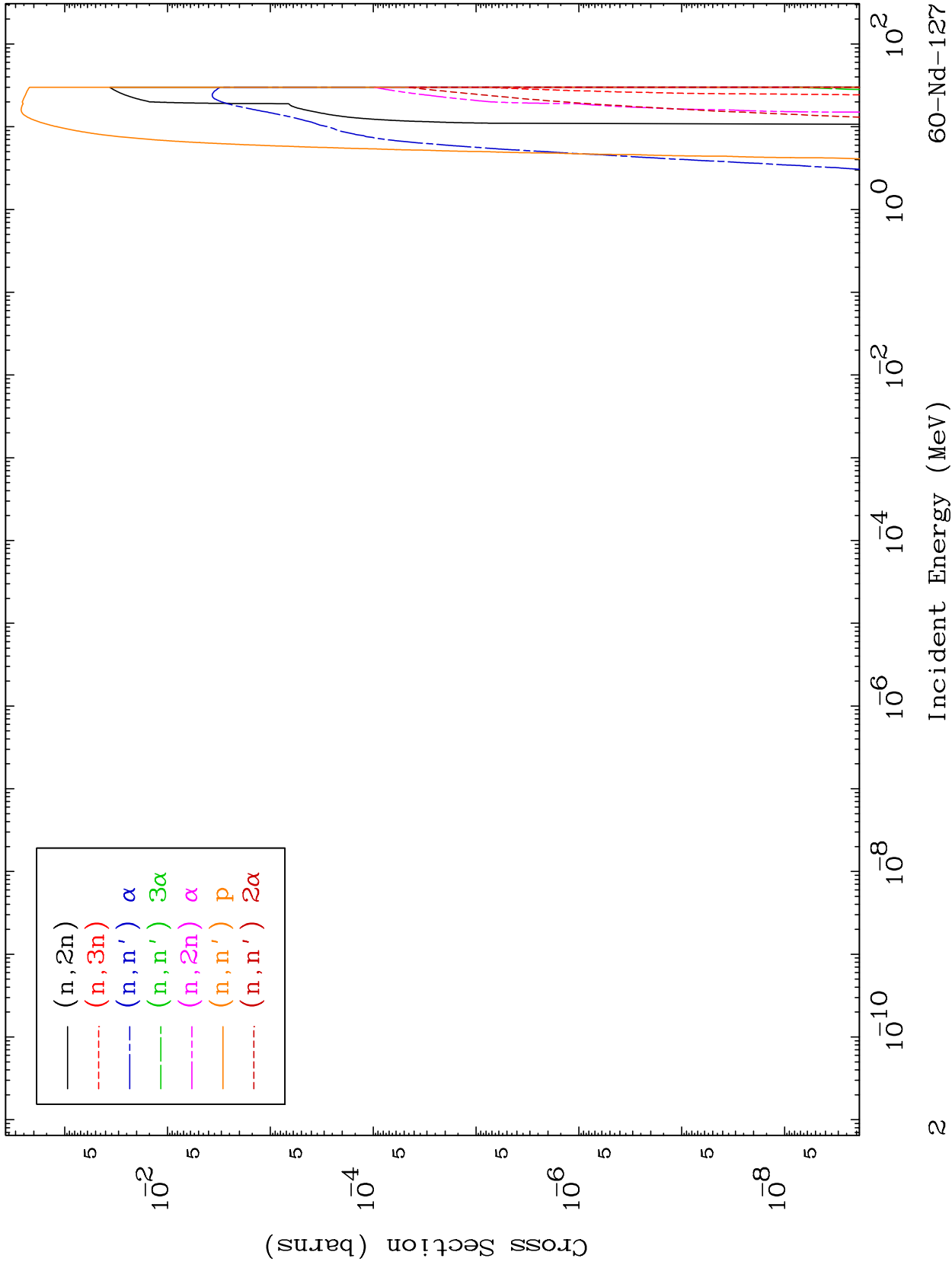
60-Nd-127

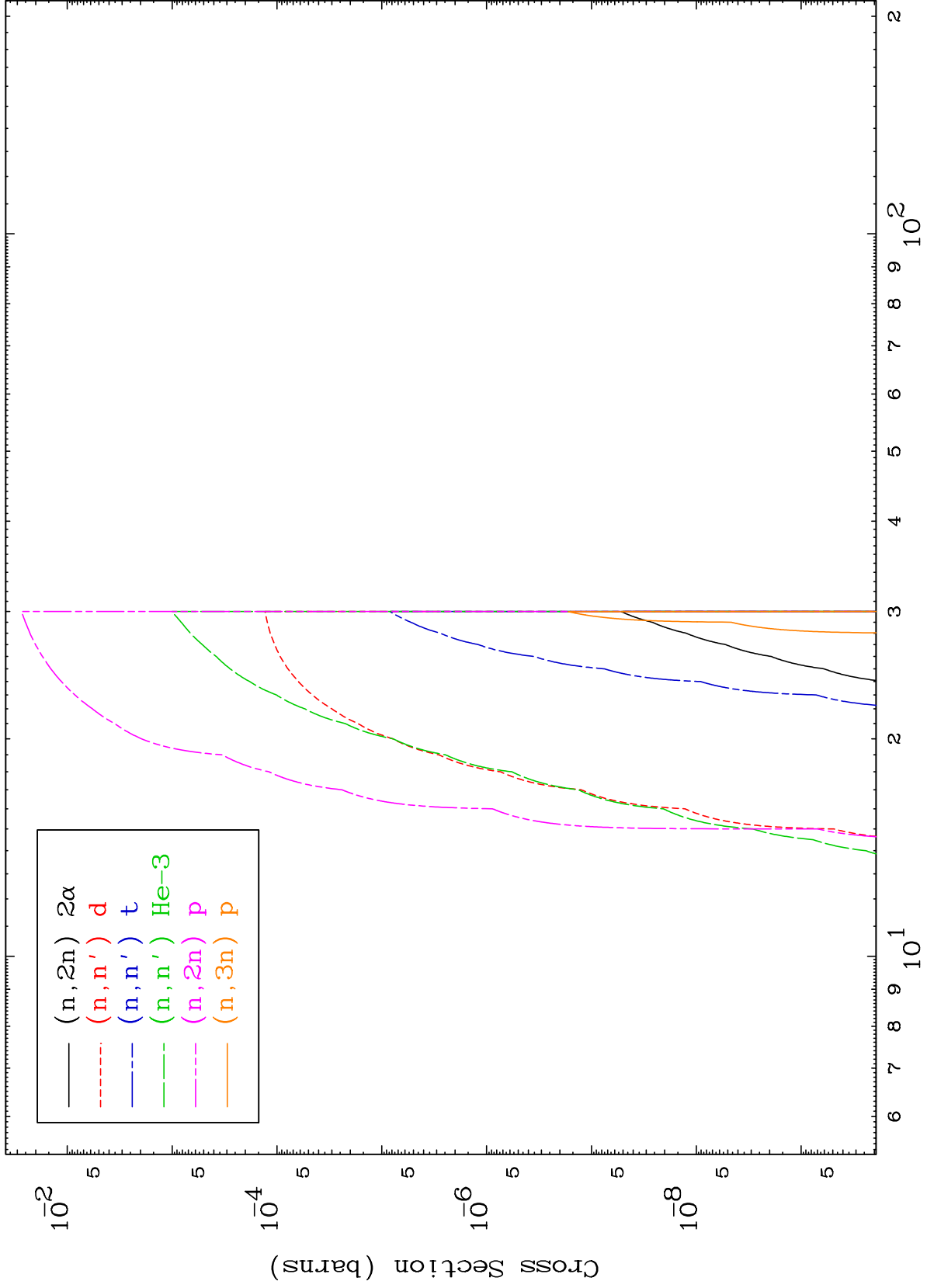


MAT 5980

Neutron Production
293 Kelvin Cross Sections

60-Nd-127

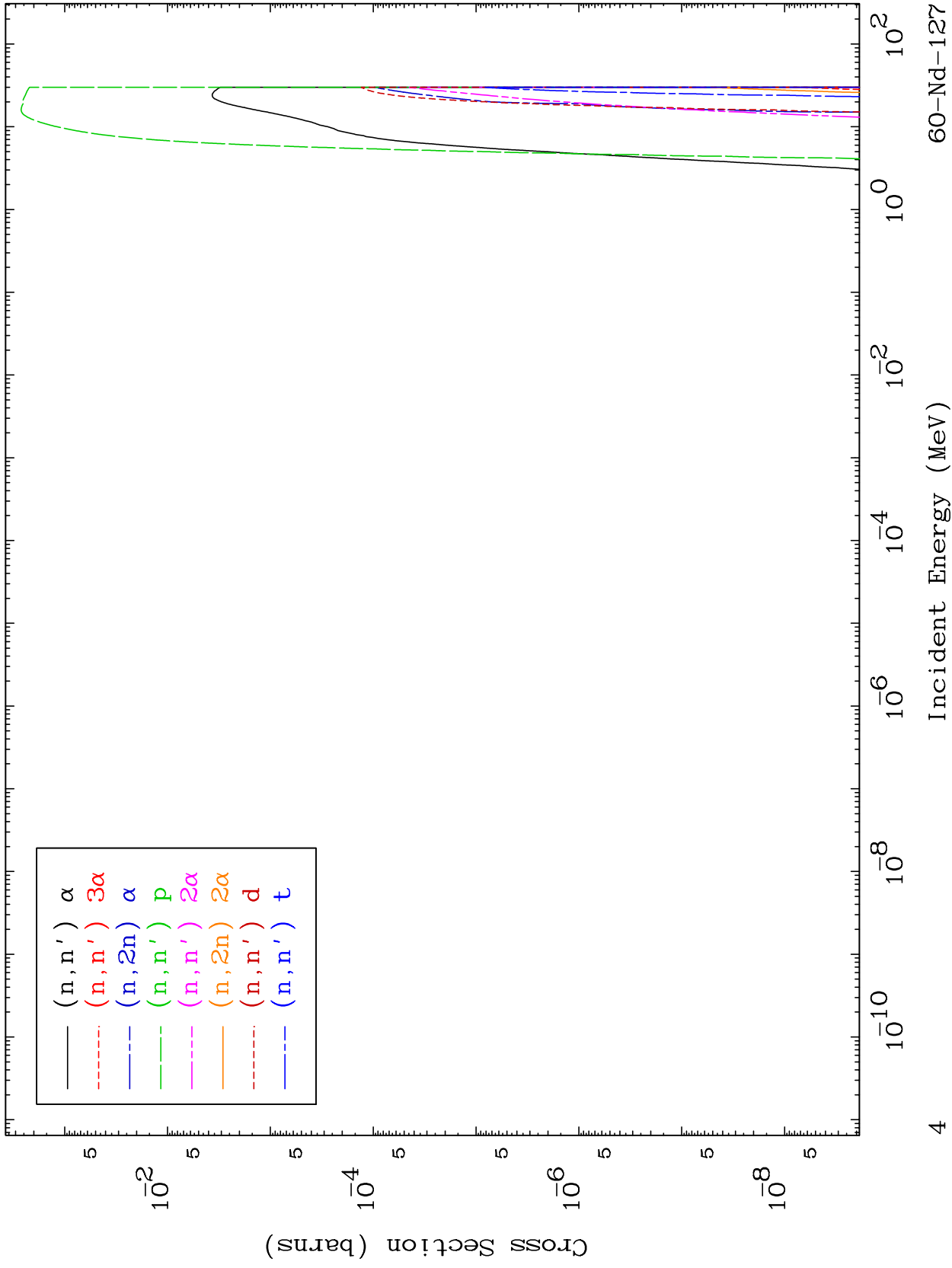




MAT 5980

Charged Particle
293 Kelvin Cross Sections

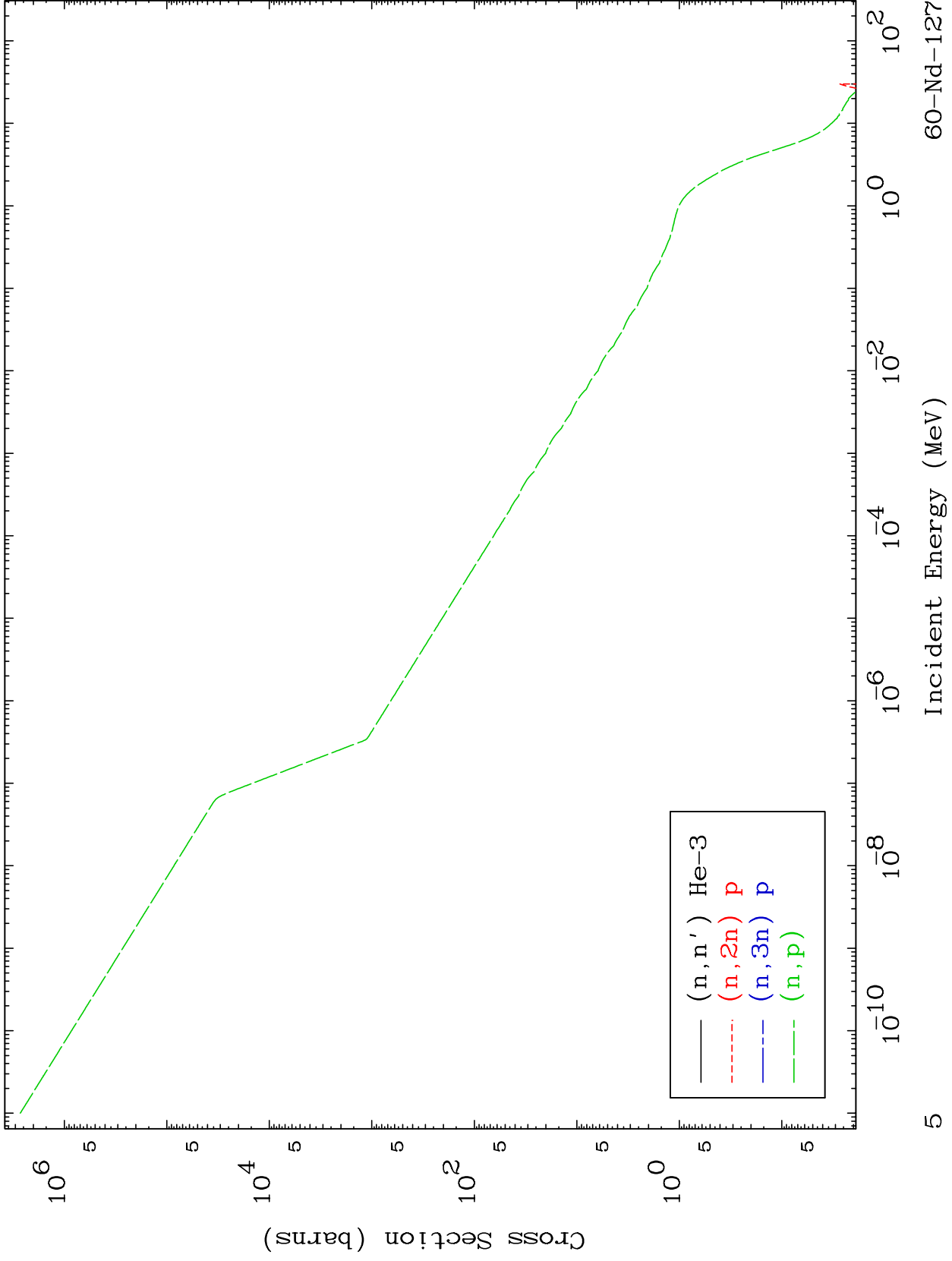
60-Nd-127



MAT 5980

Charged Particle
293 Kelvin Cross Sections

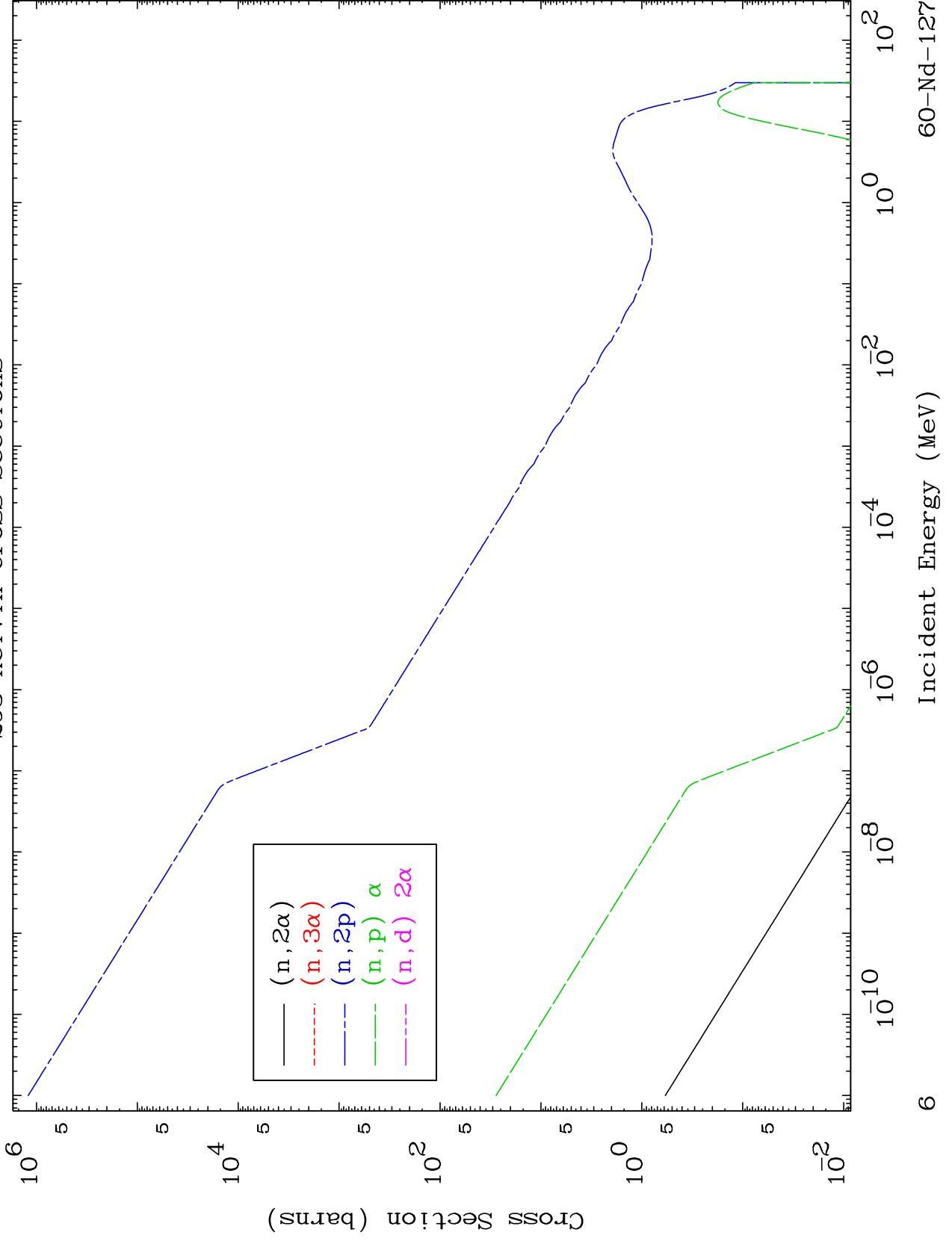
60-Nd-127



MAT 5980

Charged Particle
293 Kelvin Cross Sections

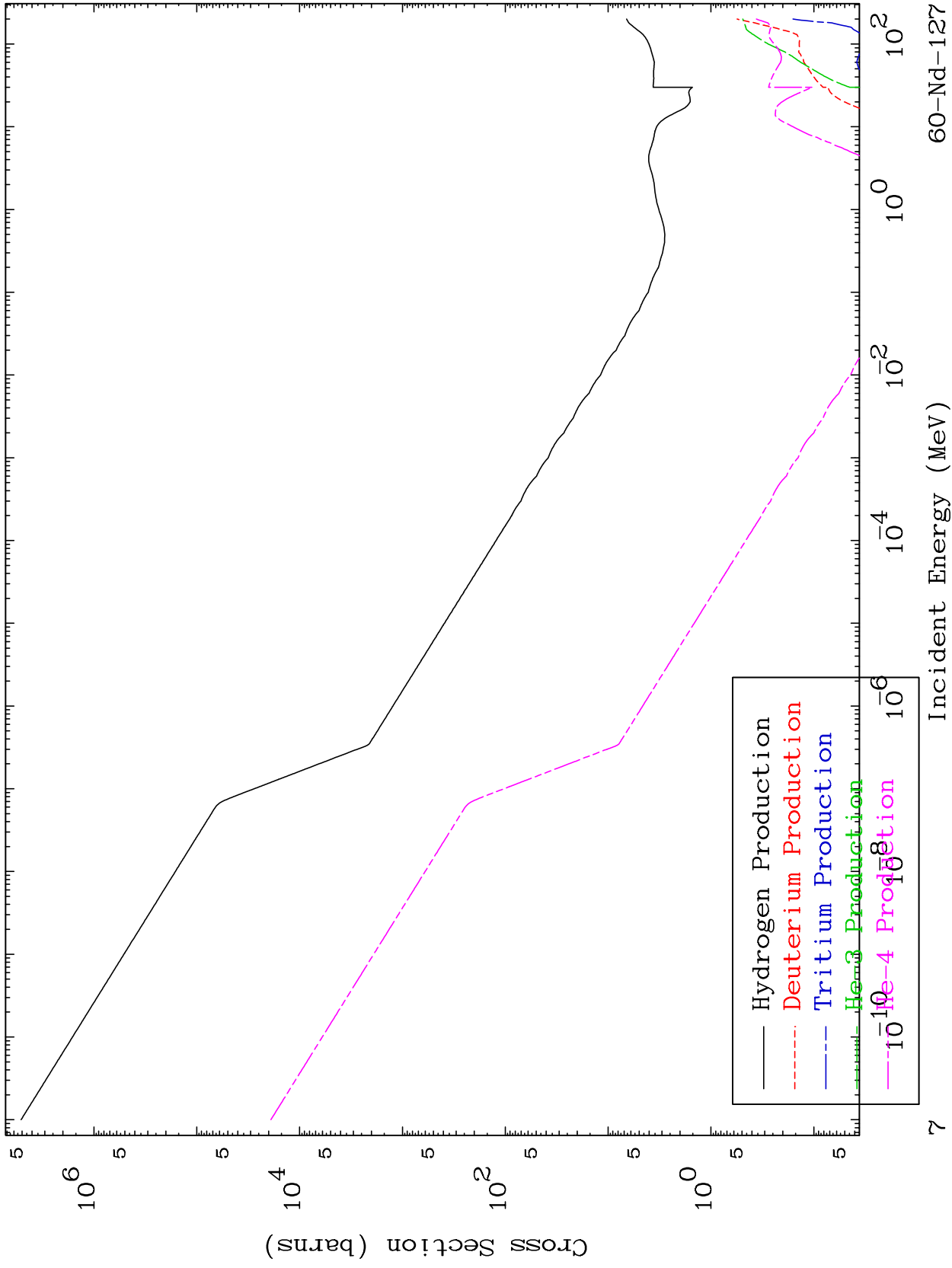
60-Nd-127



MAT 5980

Particle Production
293 Kelvin Cross Sections

60-Nd-127



60-Nd-127

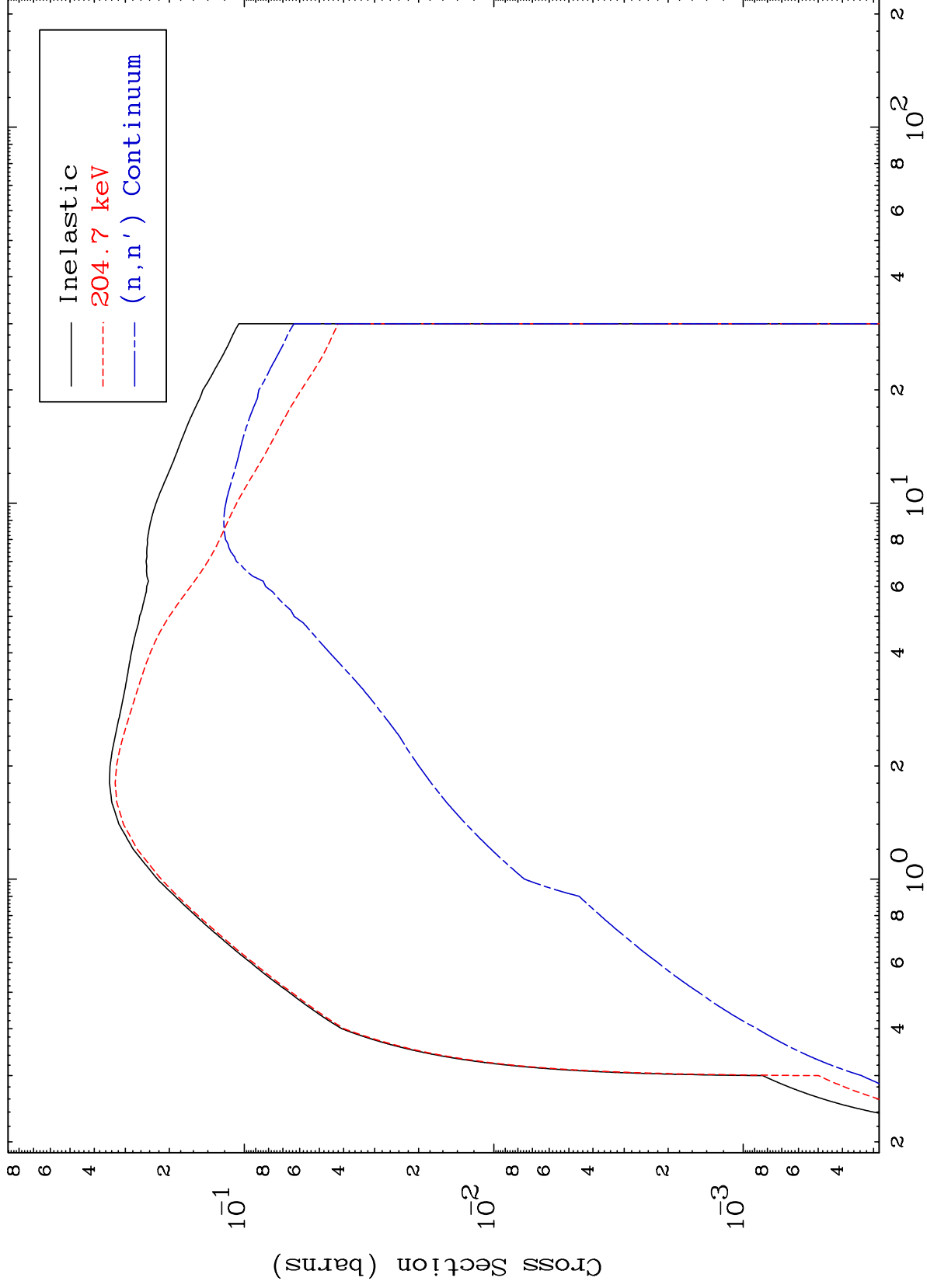
Incident Energy (MeV)

7

MAT 5980

(n,n') Level
293 Kelvin Cross Sections

60-Nd-127



8

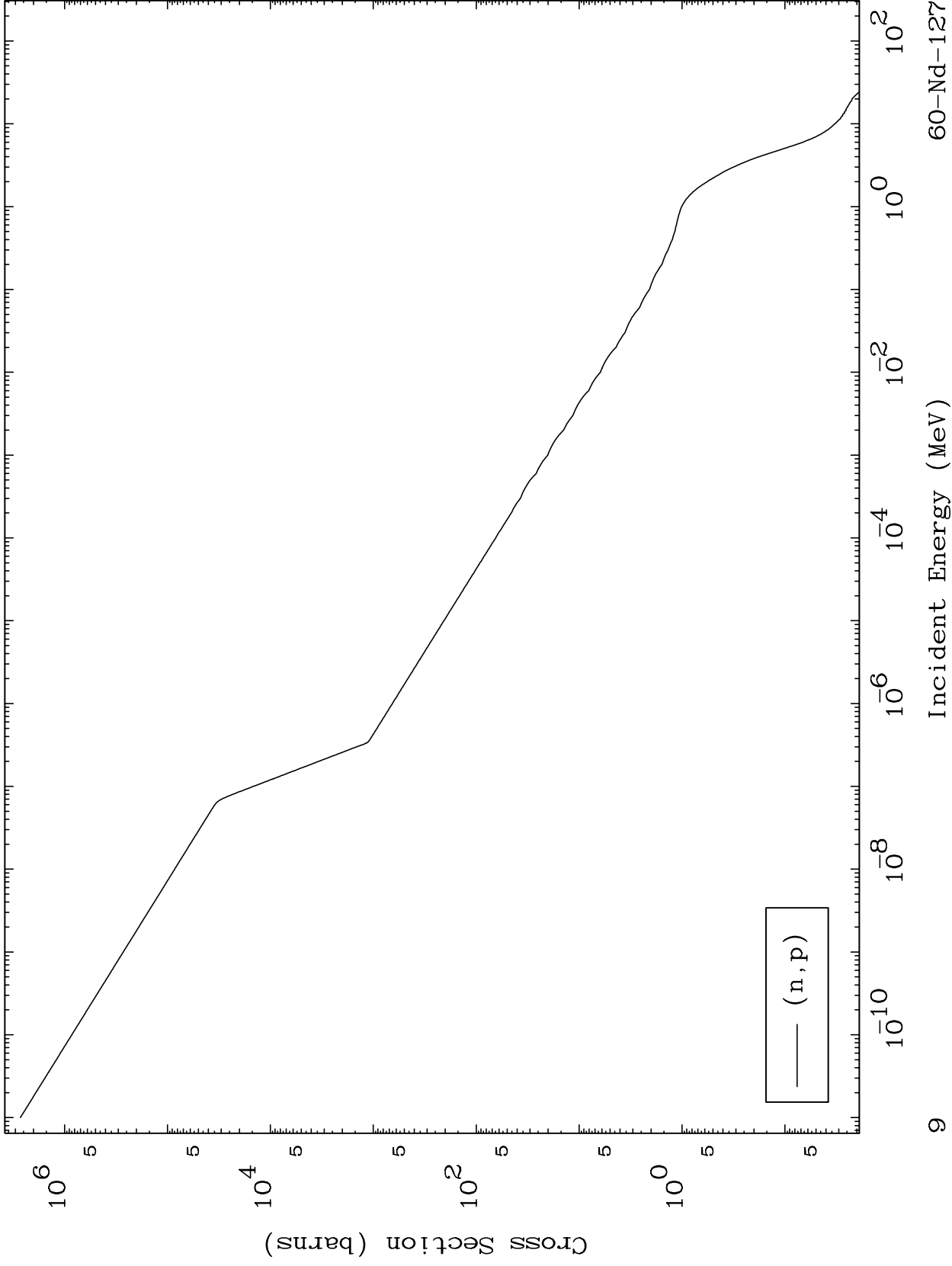
Incident Energy (MeV)

60-Nd-127

MAT 5980

(n,p) Levels
293 Kelvin Cross Sections

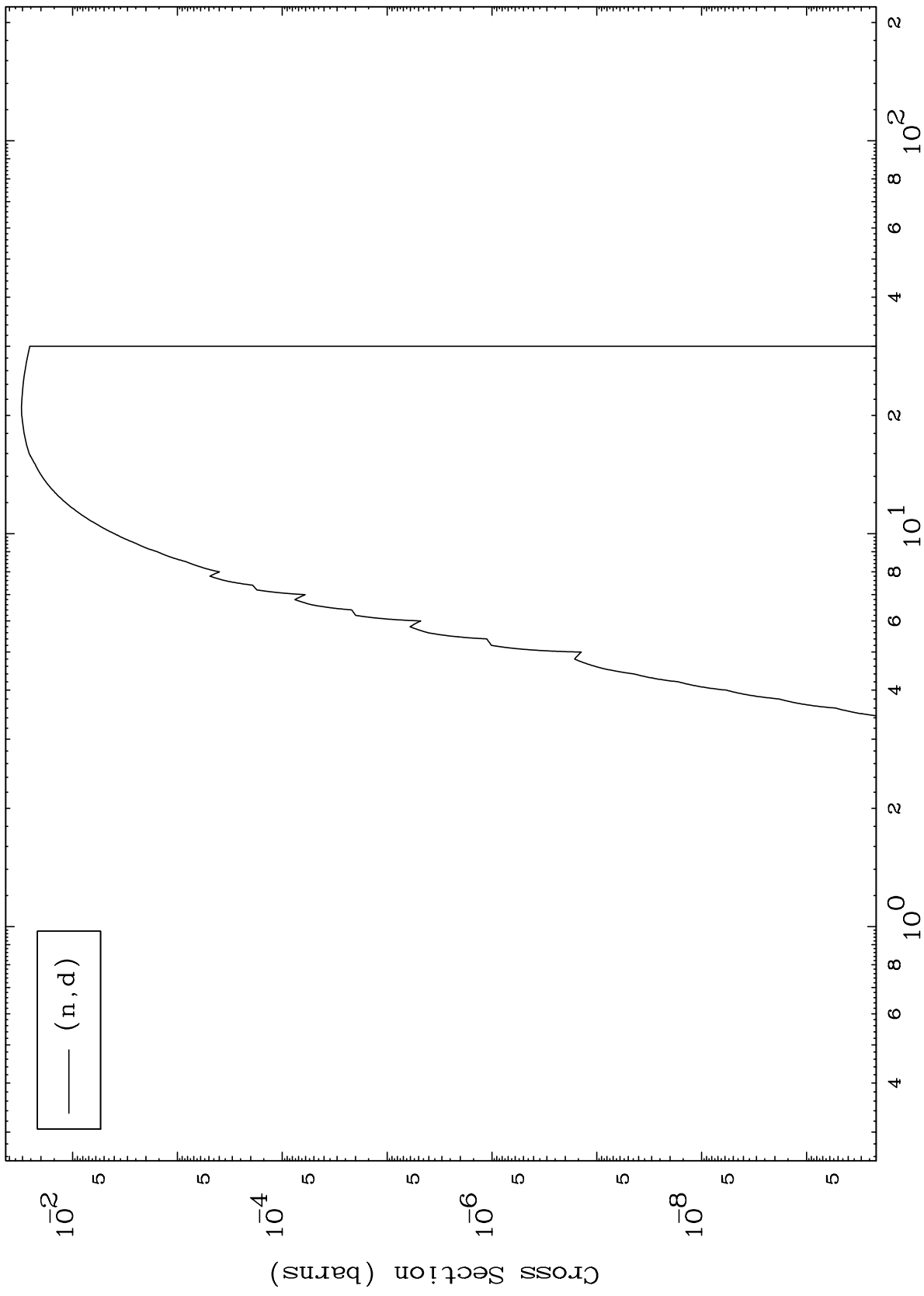
60-Nd-127



MAT 5980

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-127



10

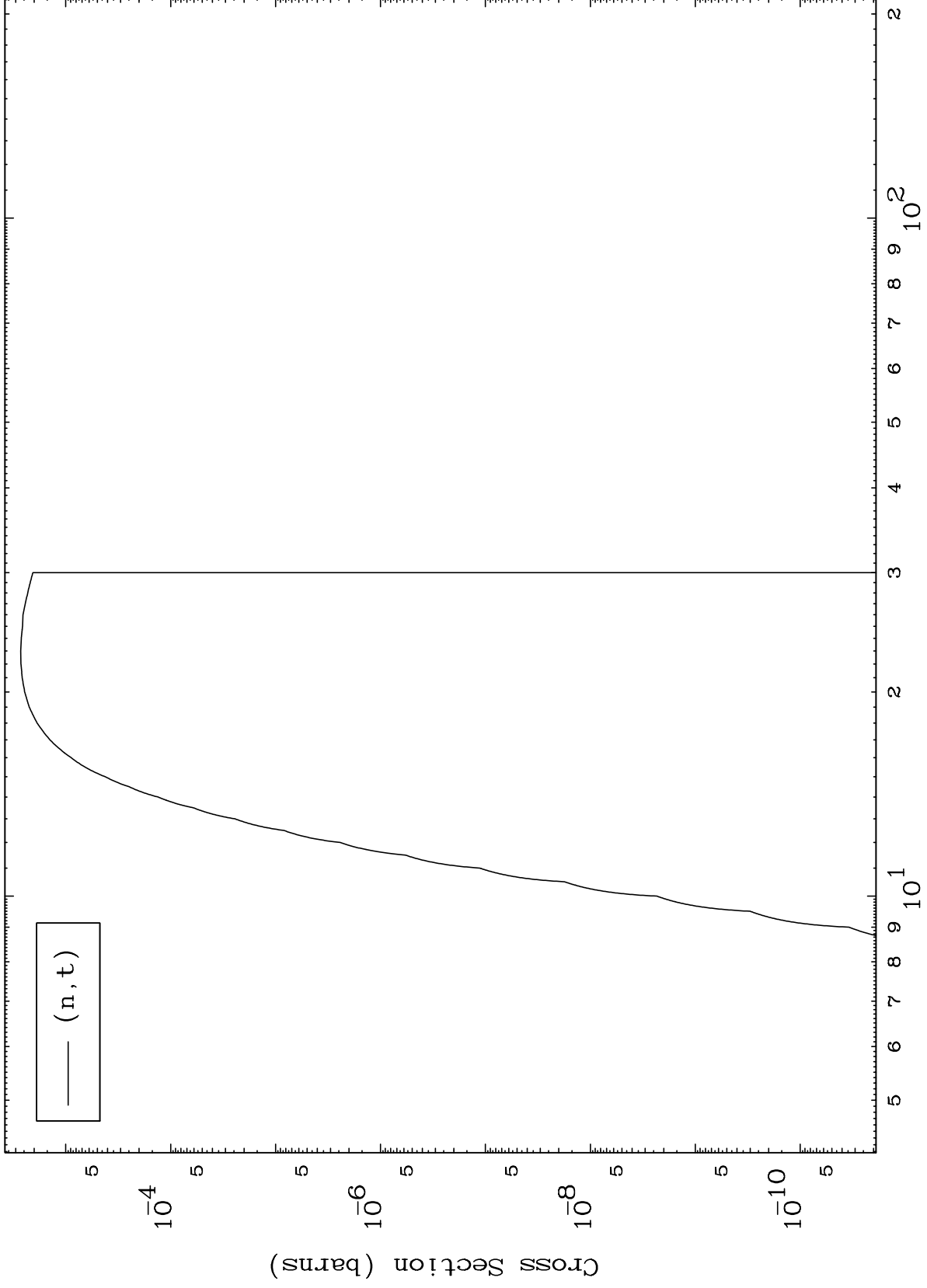
Incident Energy (MeV)

60-Nd-127

MAT 5980

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-127



11

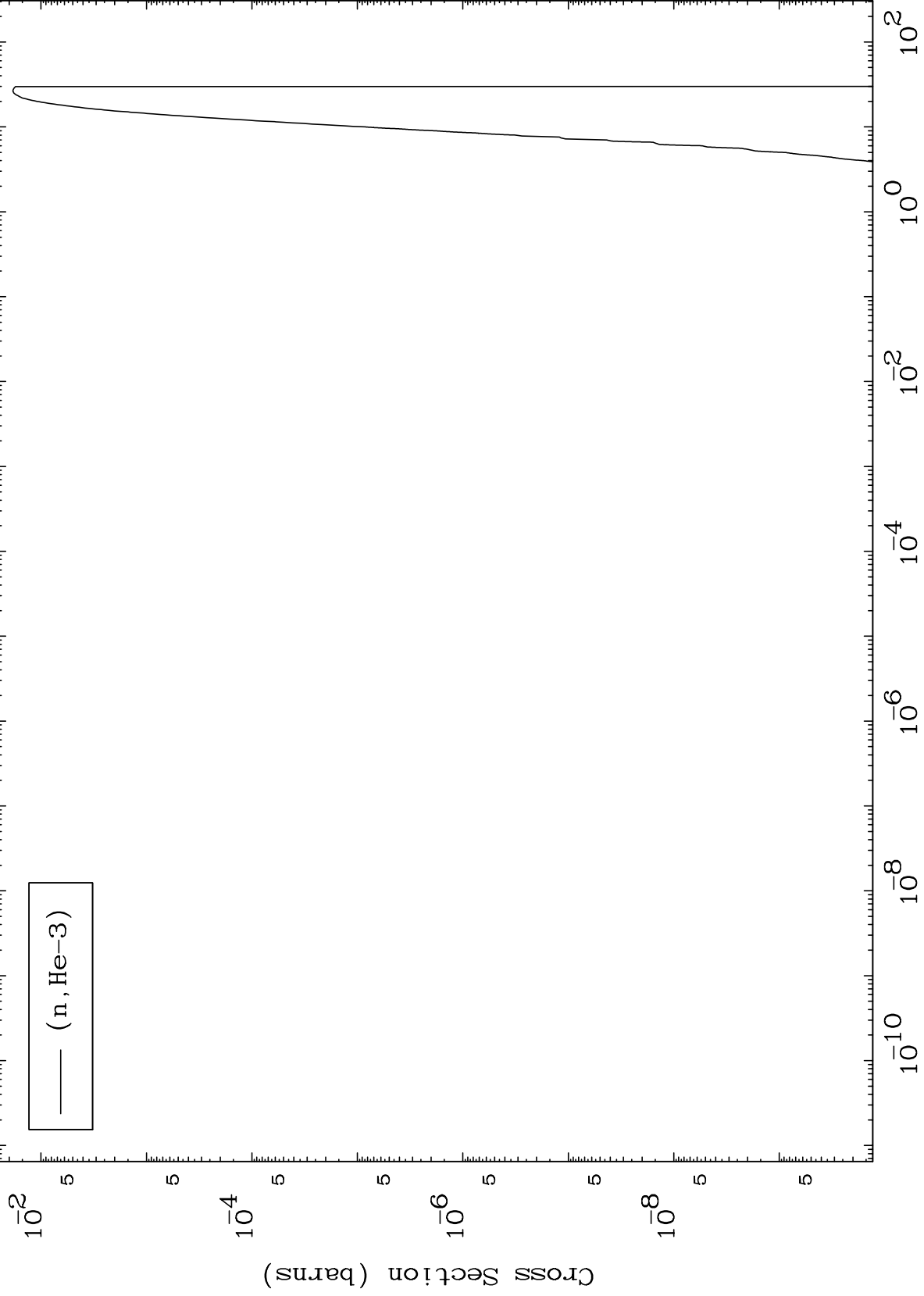
Incident Energy (MeV)

60-Nd-127

MAT 5980

(n,He3) Levels
293 Kelvin Cross Sections

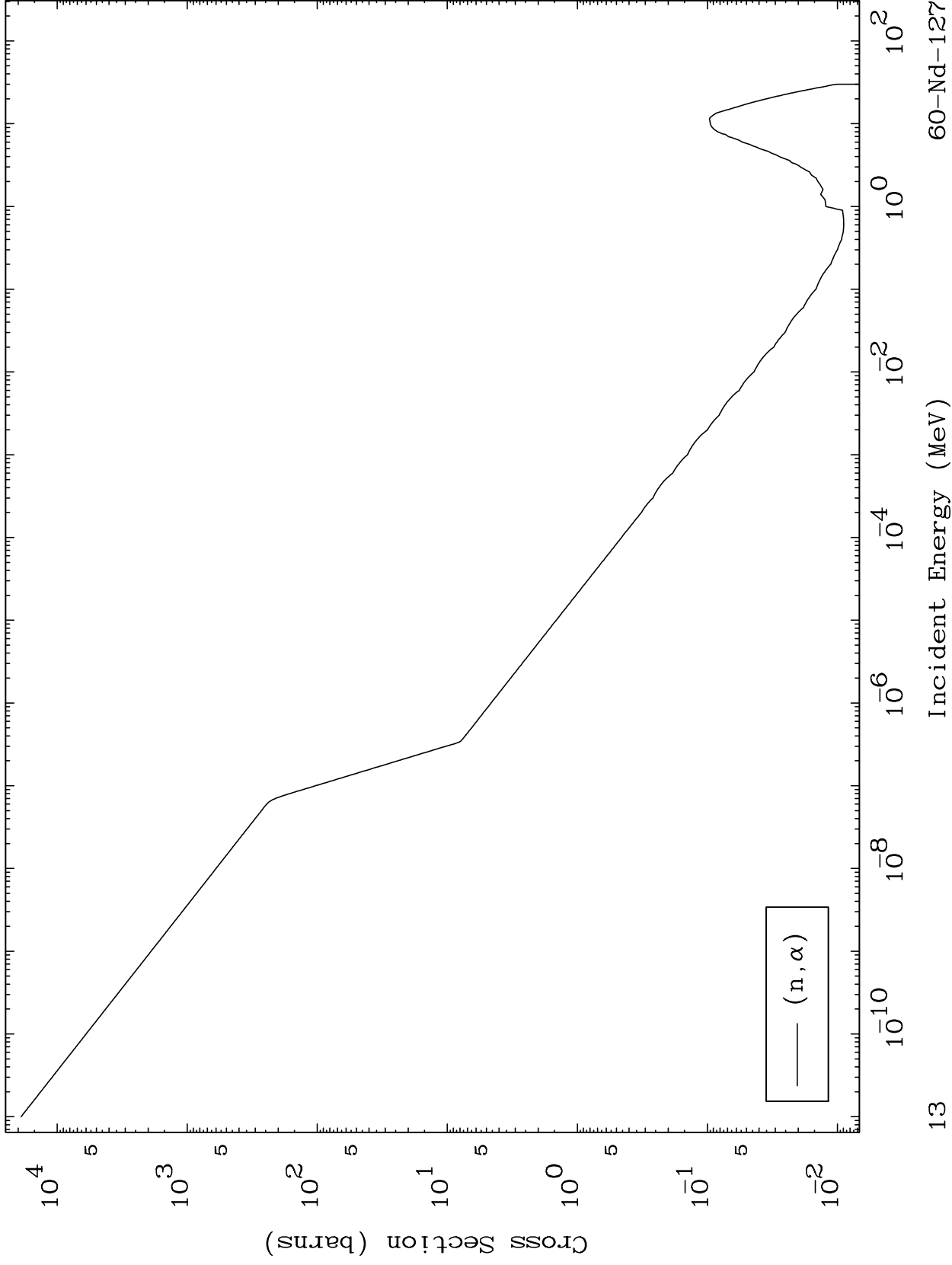
60-Nd-127

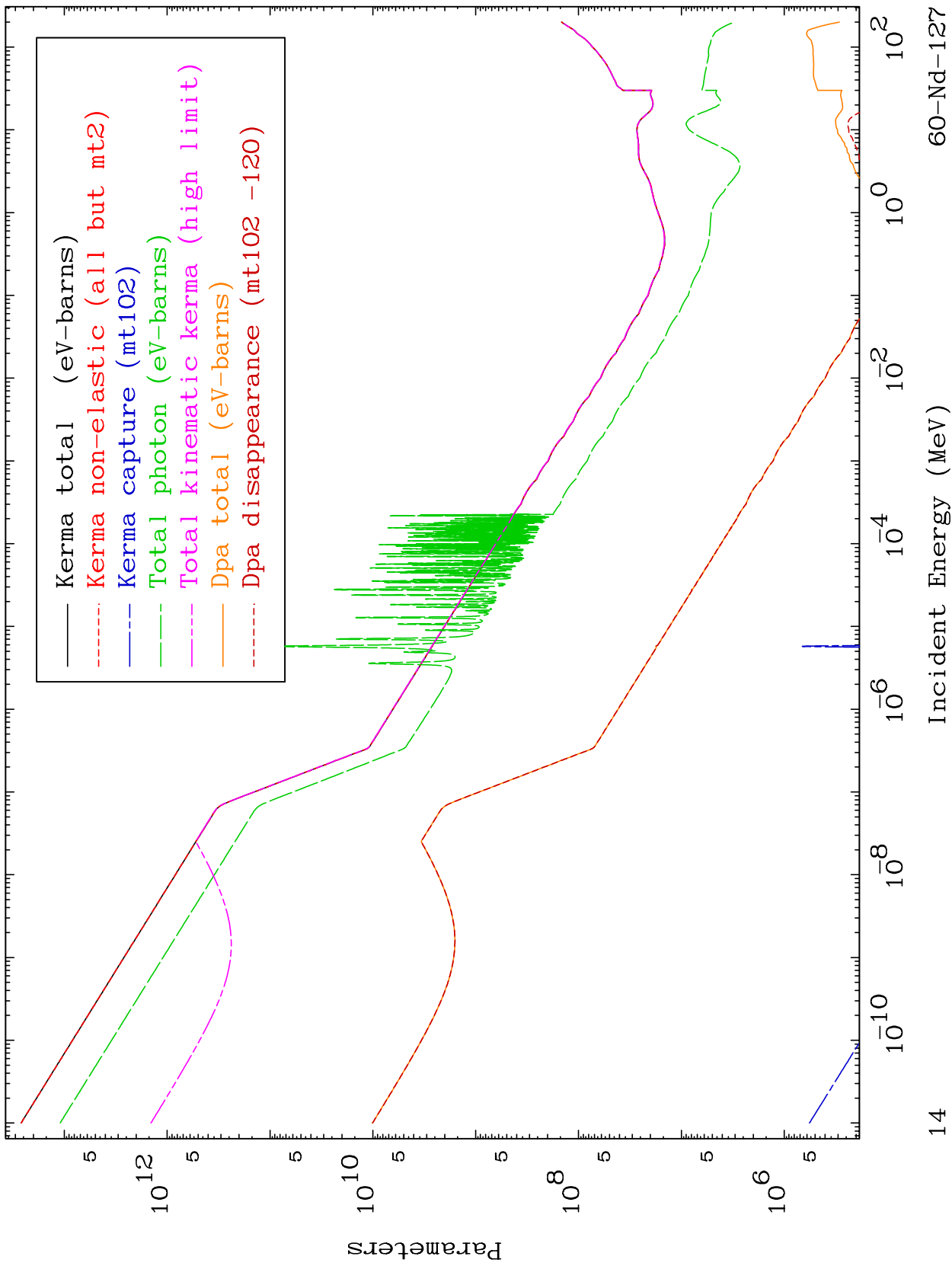


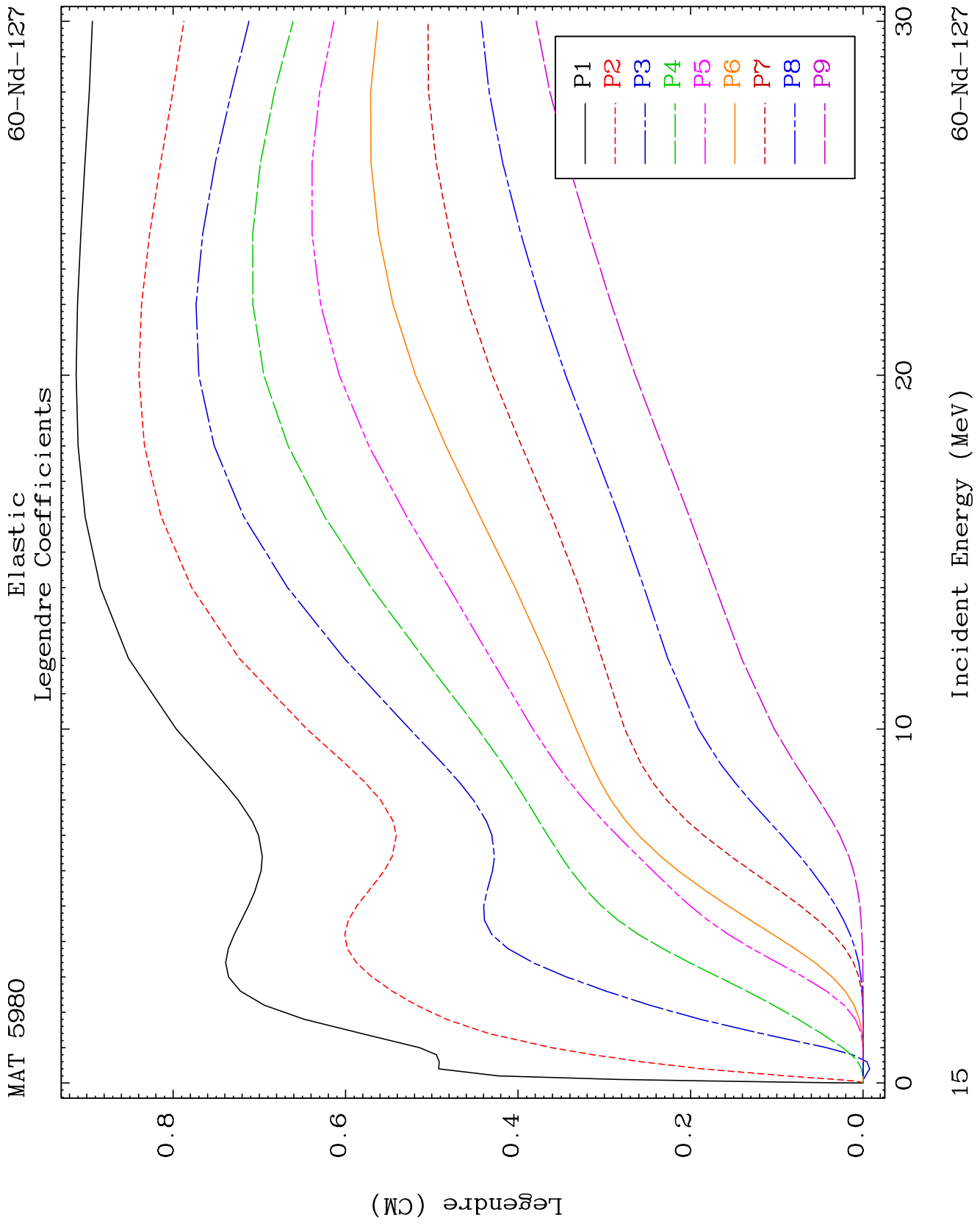
MAT 5980

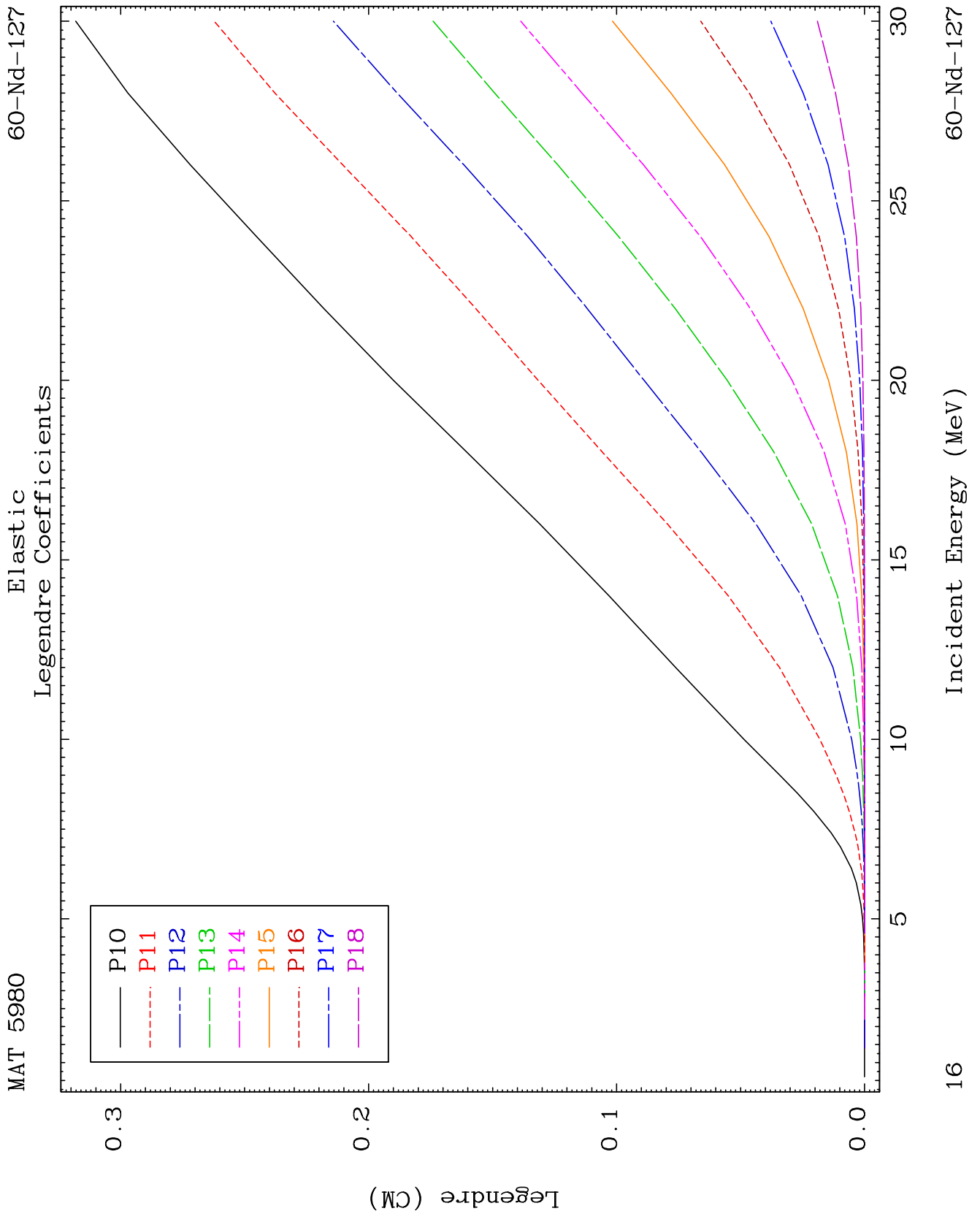
(n,α) Levels
293 Kelvin Cross Sections

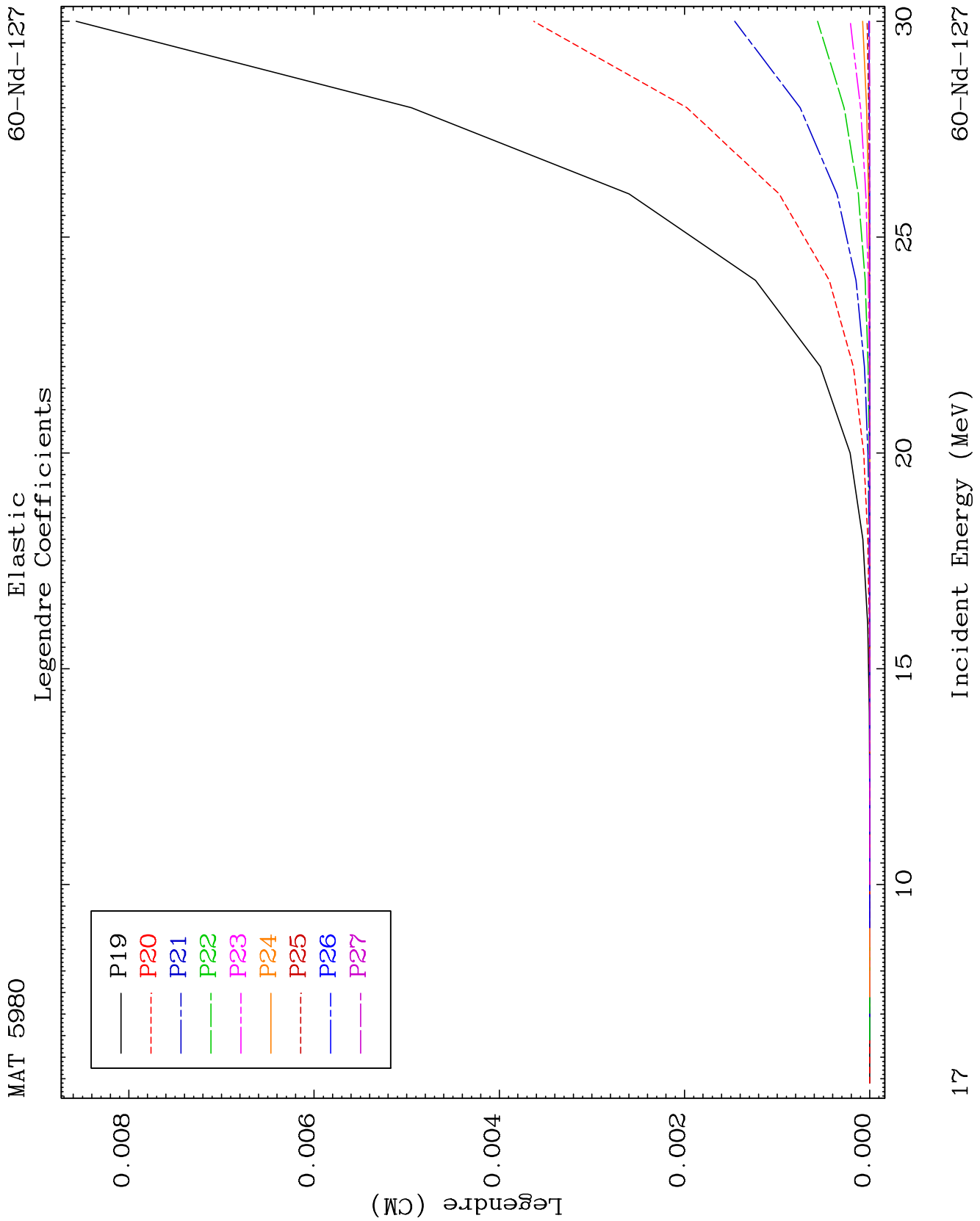
60-Nd-127







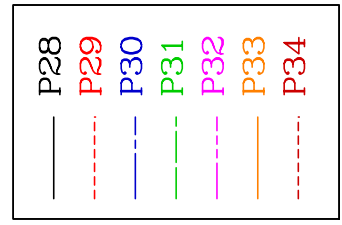




MAT 5980

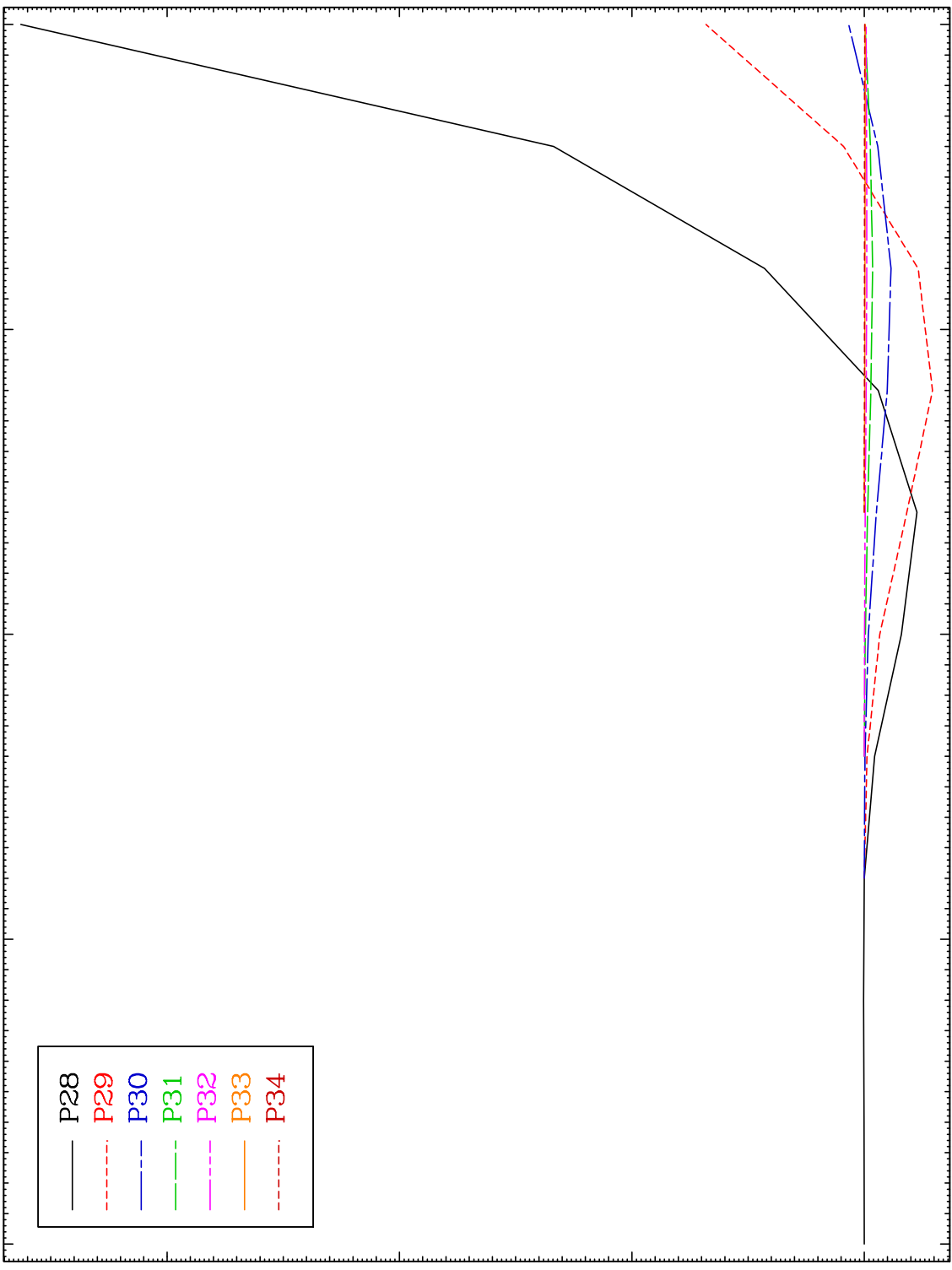
Elastic Legendre Coefficients

60-Nd-127



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

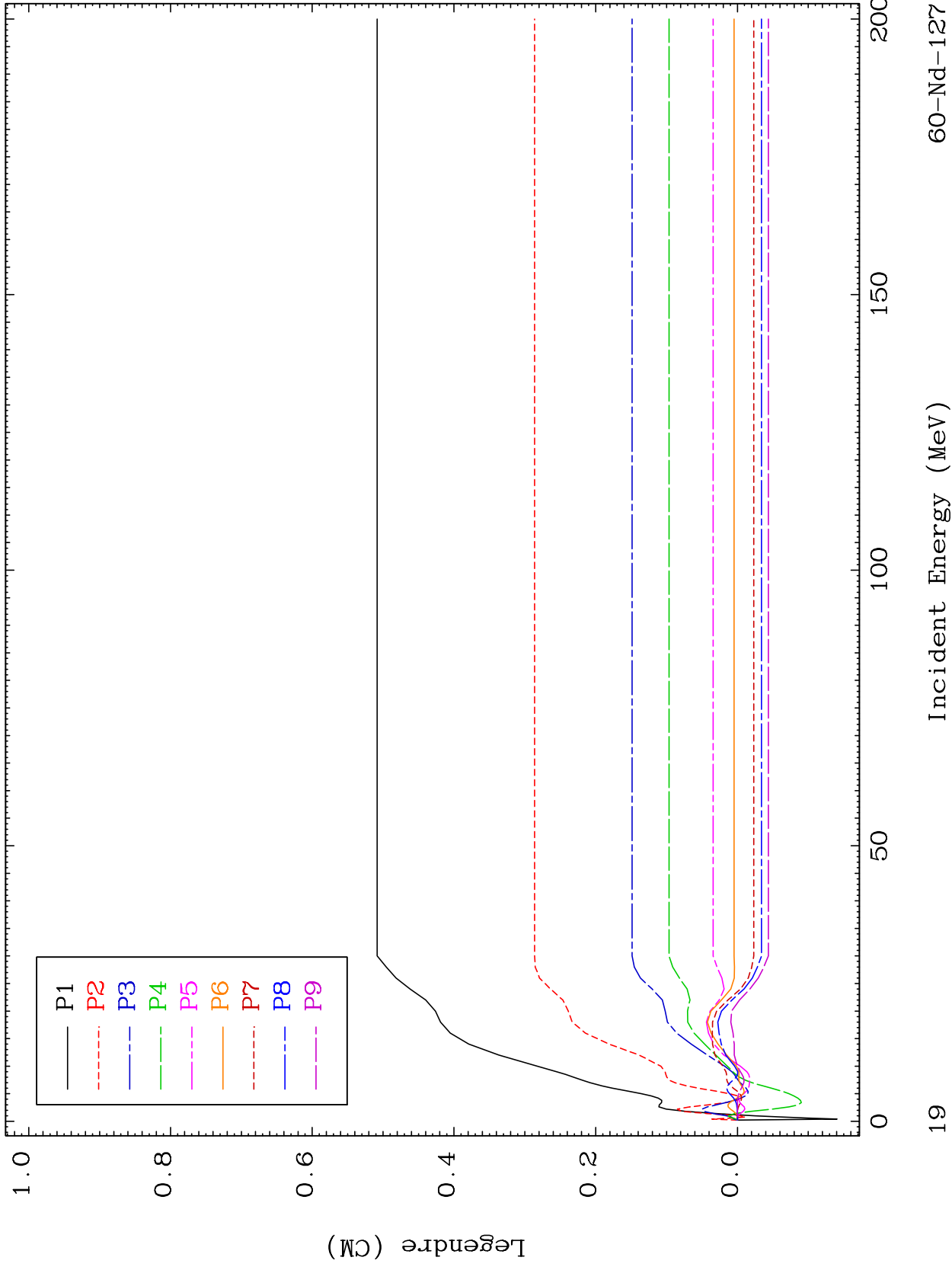
Incident Energy (MeV)

60-Nd-127

MAT 5980

204.7 keV (n,n') Level
Legendre Coefficients

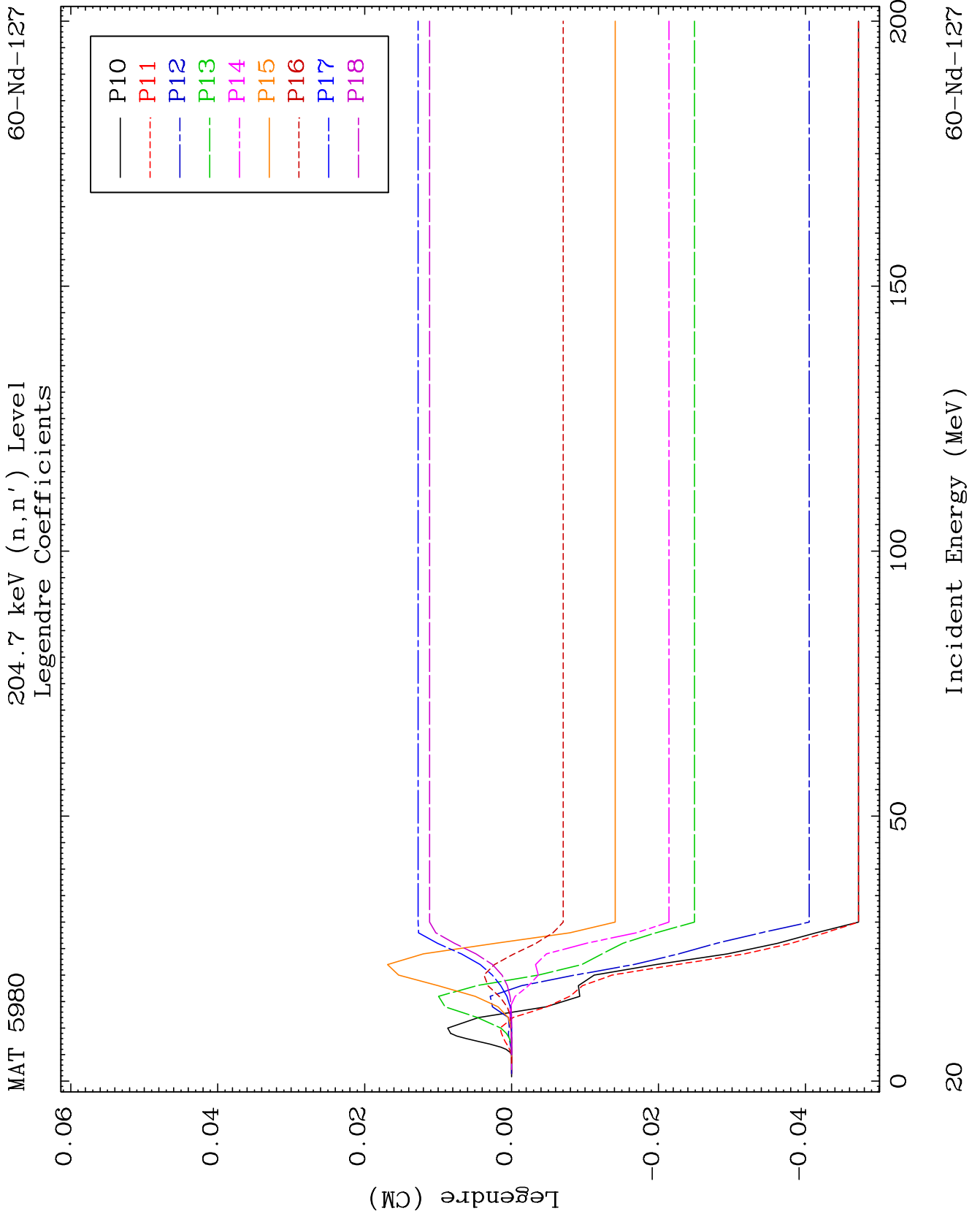
60-Nd-127



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Incident Energy (MeV)

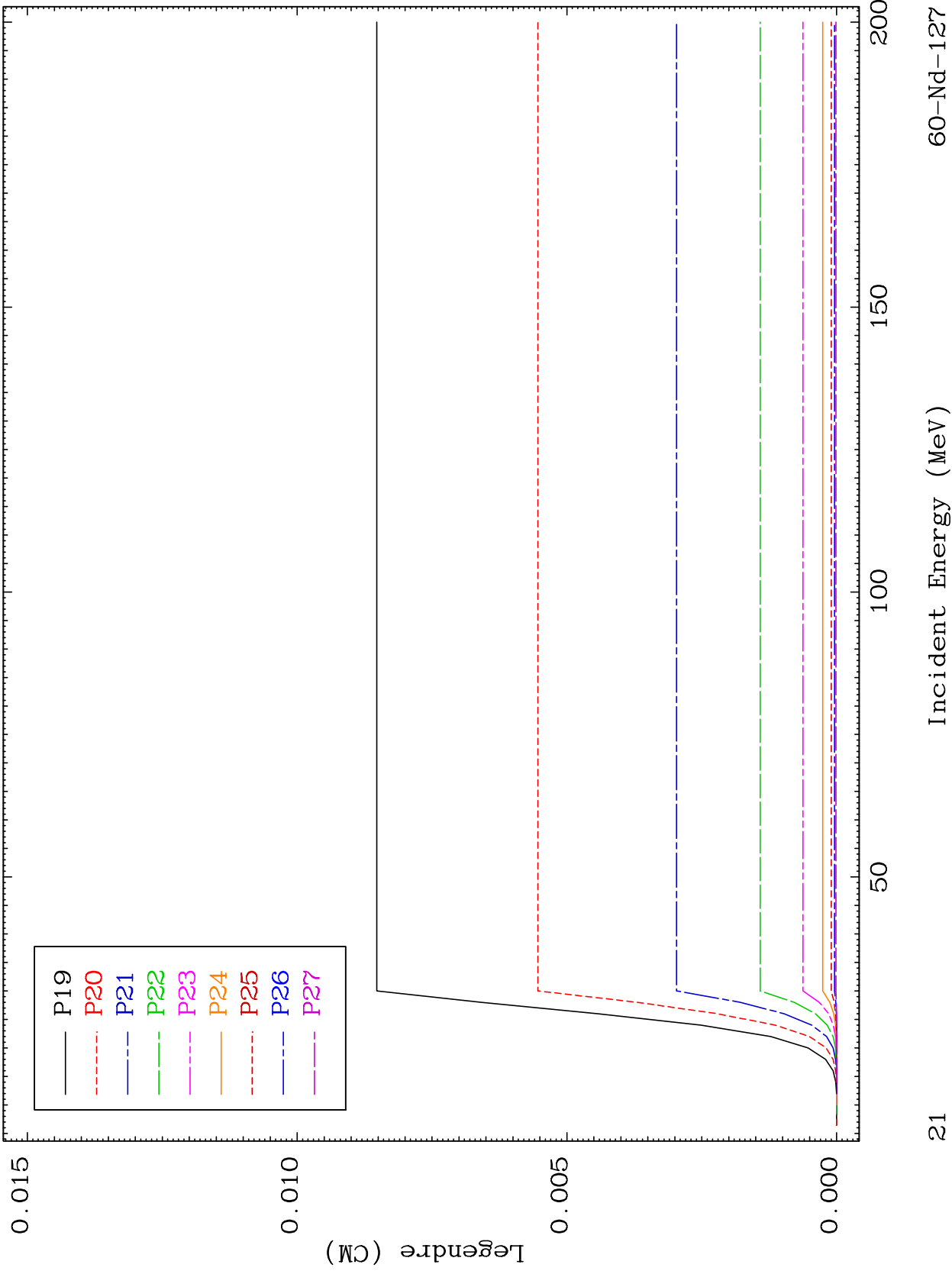
60-Nd-127



MAT 5980

204.7 keV (n,n') Level
Legendre Coefficients

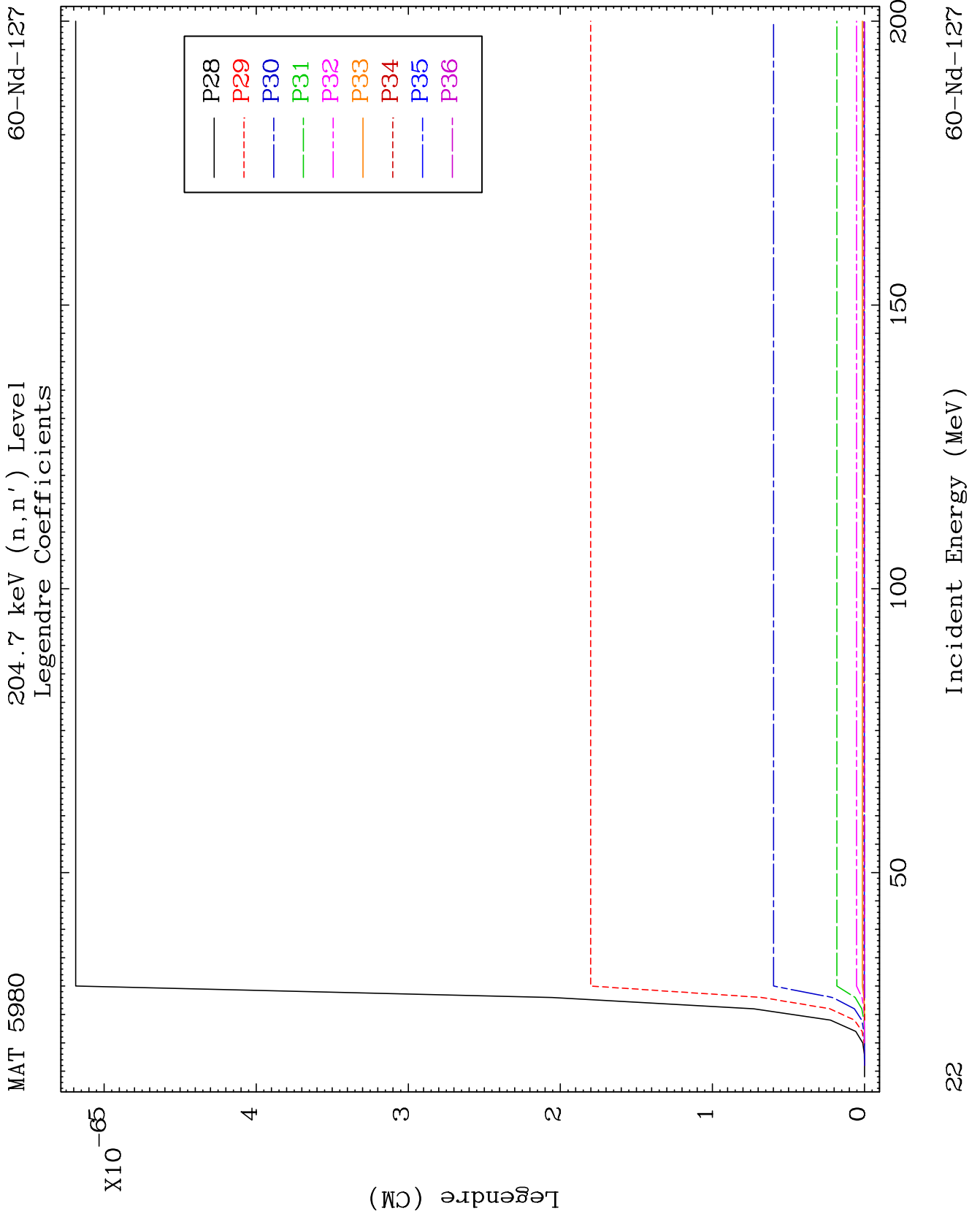
60-Nd-127



21

Incident Energy (MeV)

60-Nd-127



MAT 5980

(n,d) 2 α

60-Nd-127

Radionuclide Production Cross Section

