

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

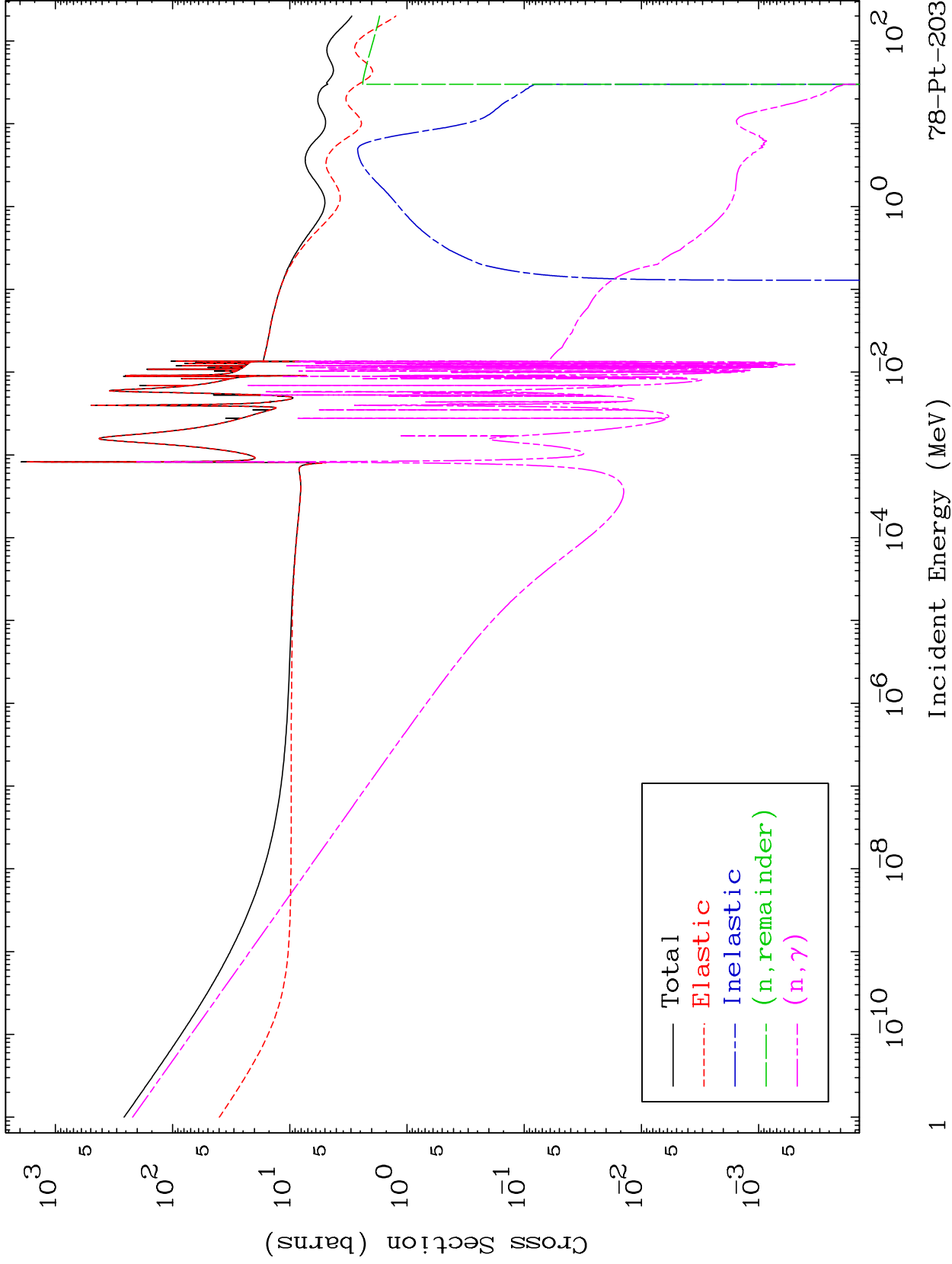
Press Mouse Button to Start

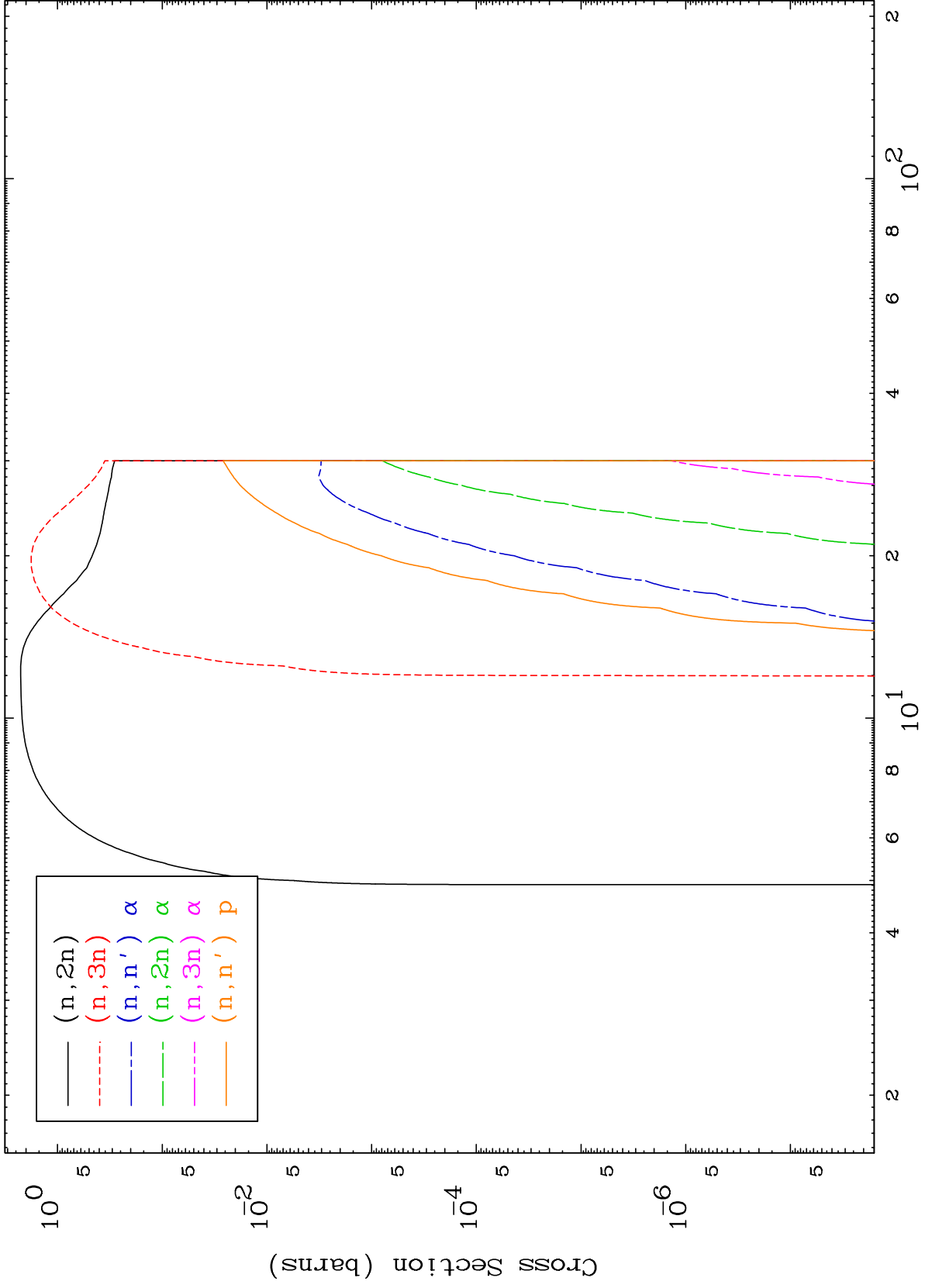
MAT 7864

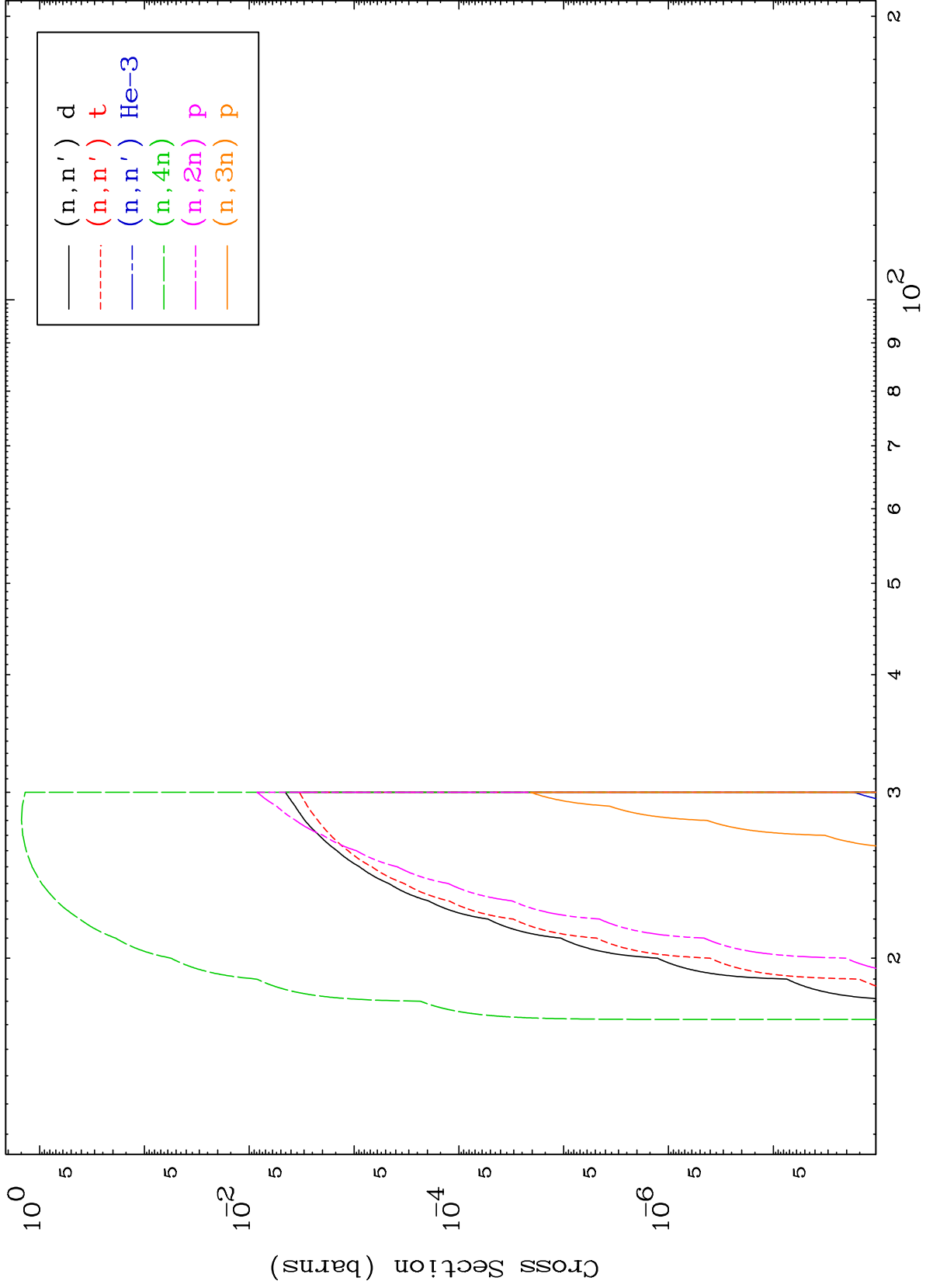
Major

293 Kelvin Cross Sections

78-Pt-203



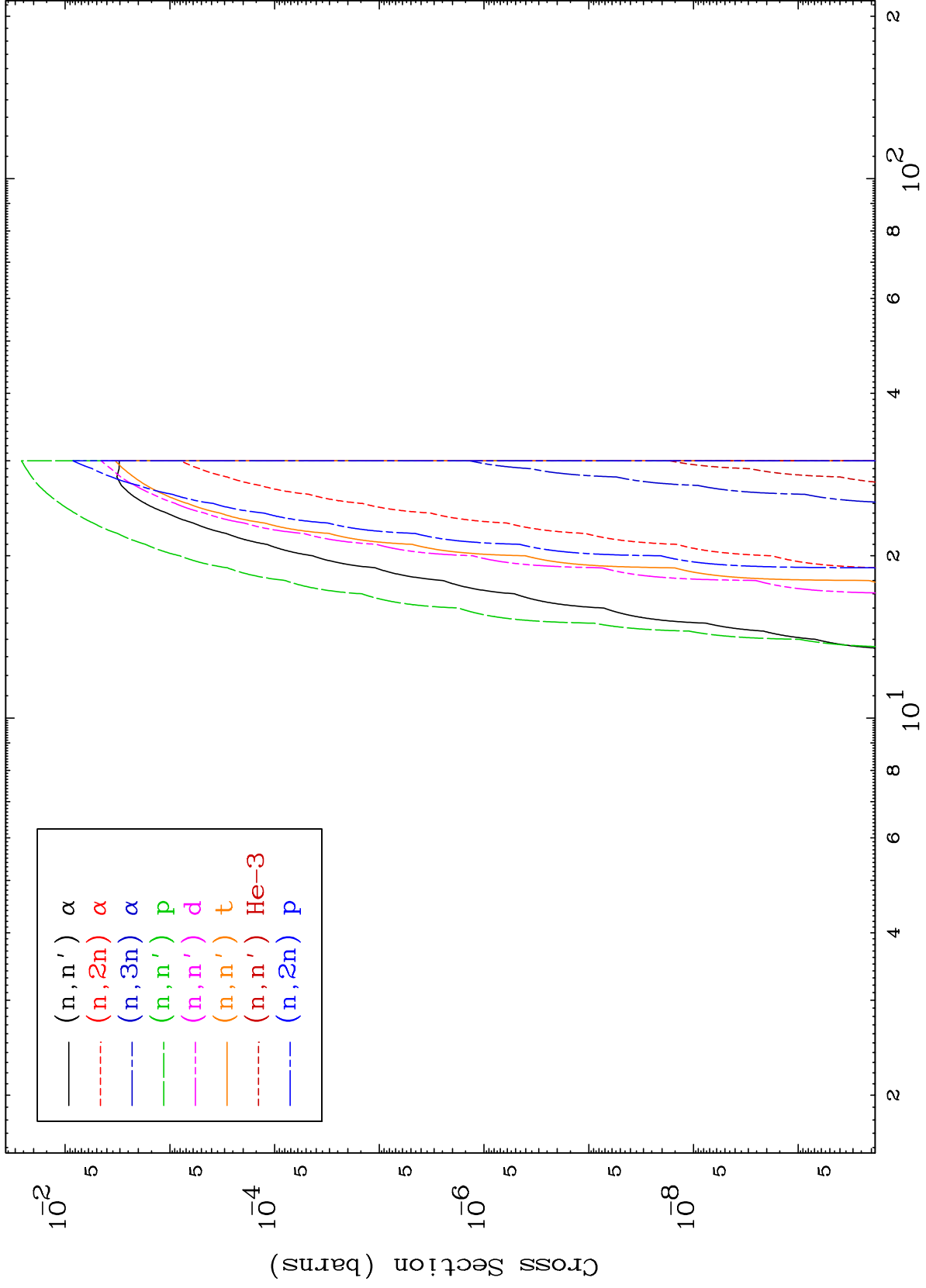




MAT 7864

Charged Particle
293 Kelvin Cross Sections

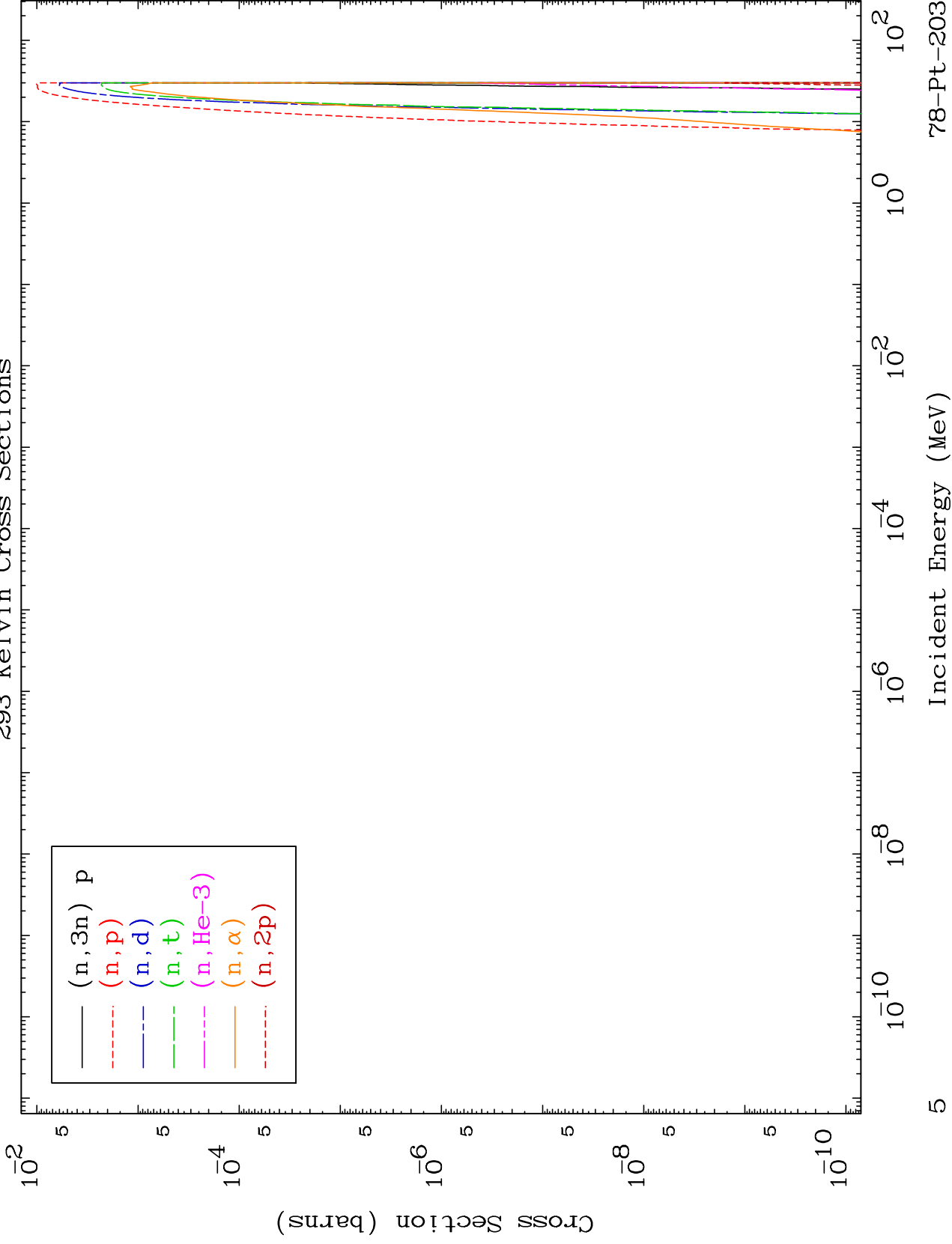
78-Pt-203



MAT 7864

Charged Particle
293 Kelvin Cross Sections

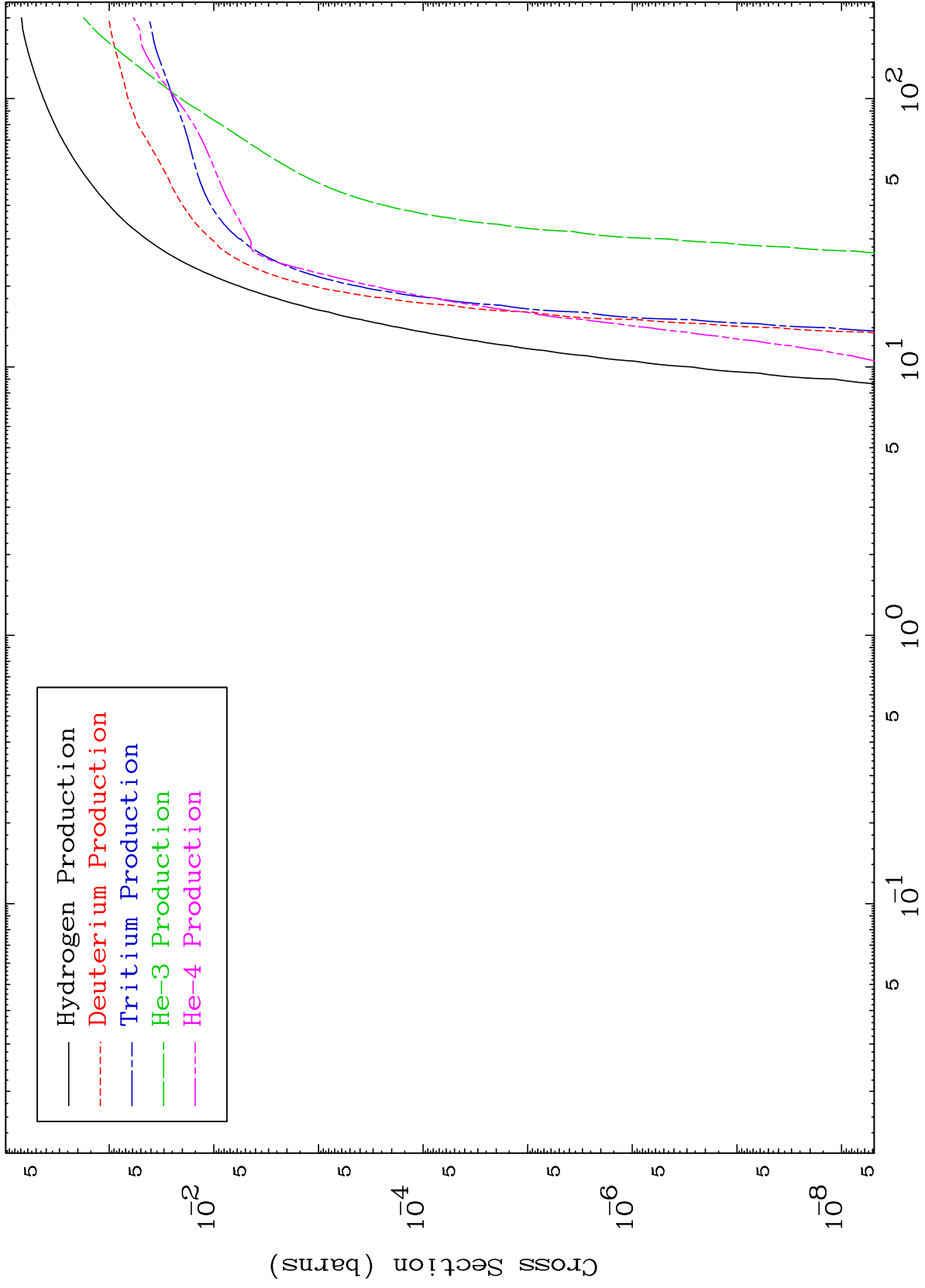
78-Pt-203



MAT 7864

Particle Production
293 Kelvin Cross Sections

78-Pt-203



6

Incident Energy (MeV)

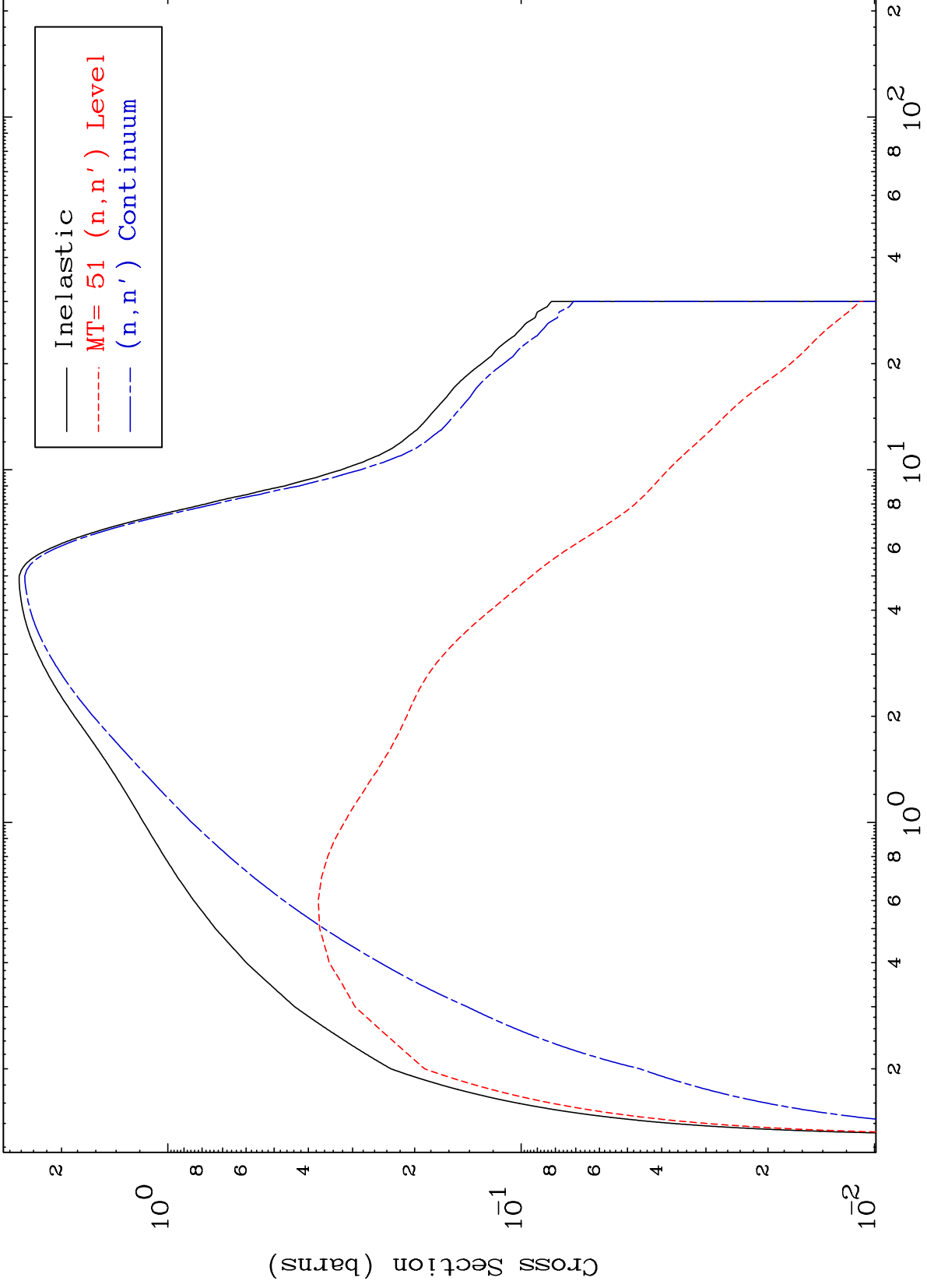
78-Pt-203

MAT 7864

(n,n') Level

78-Pt-203

293 Kelvin Cross Sections



7

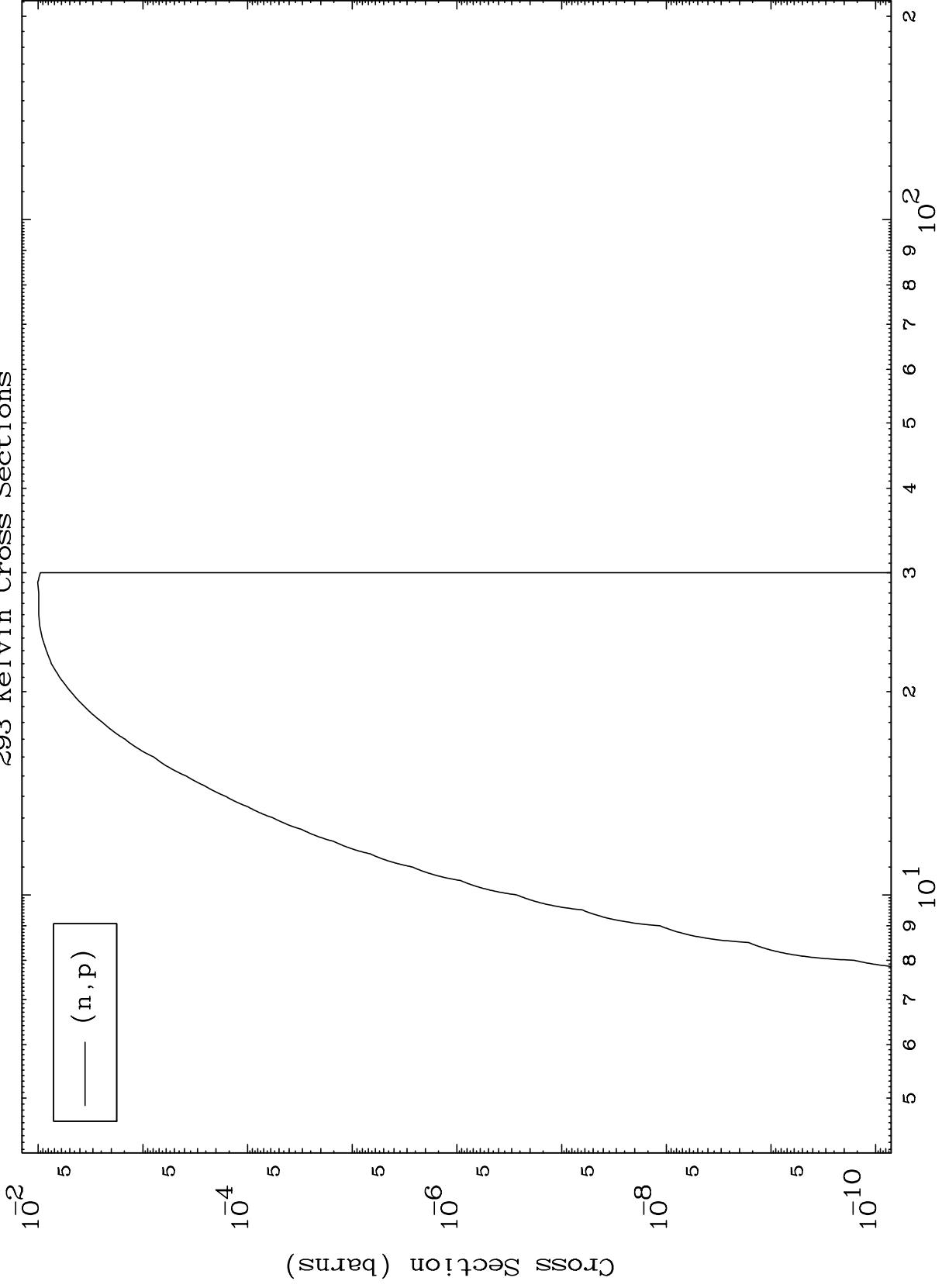
Incident Energy (MeV)

78-Pt-203

MAT 7864

(n,p) Levels
293 Kelvin Cross Sections

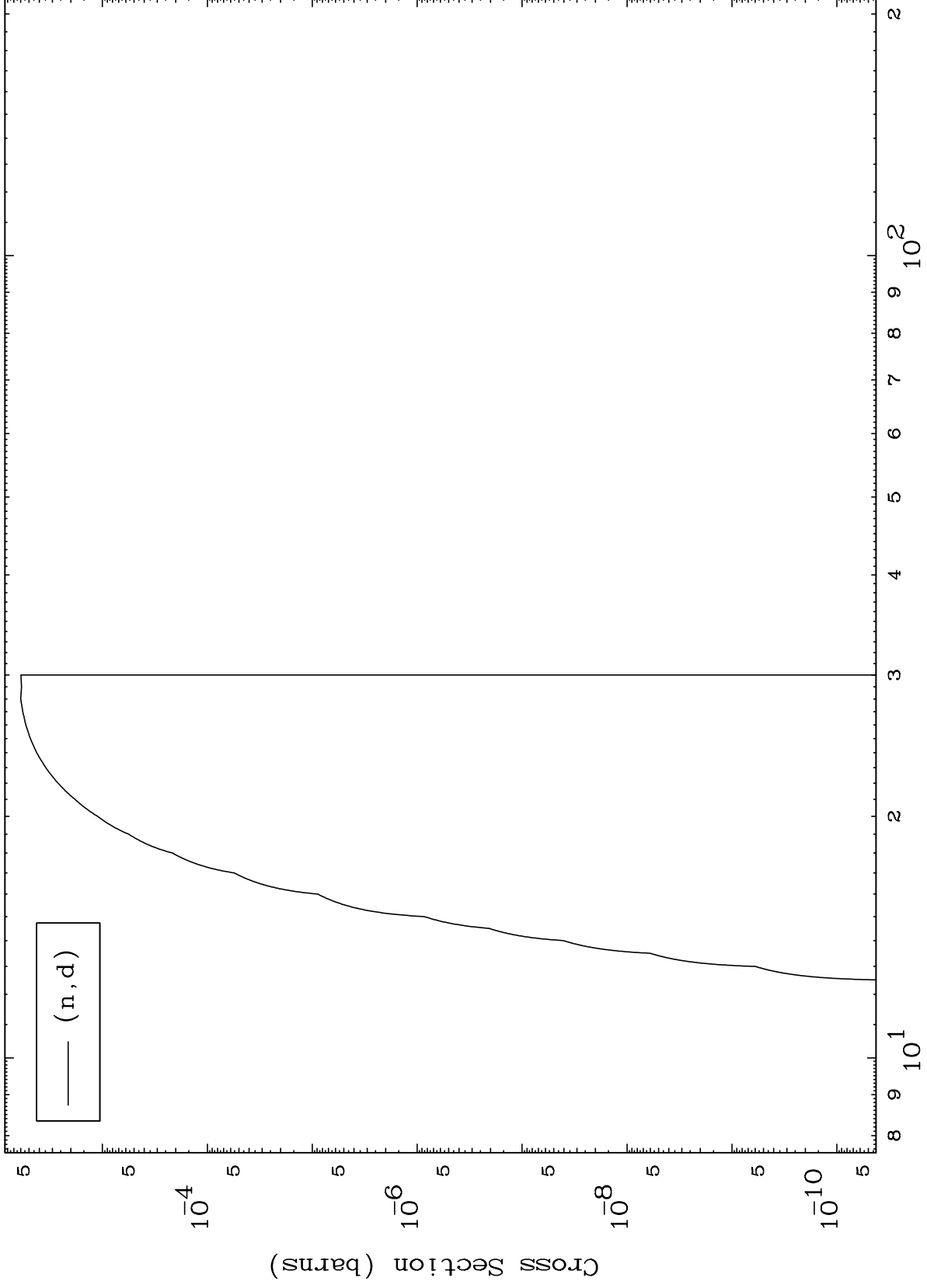
78-Pt-203



MAT 7864

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-203



9

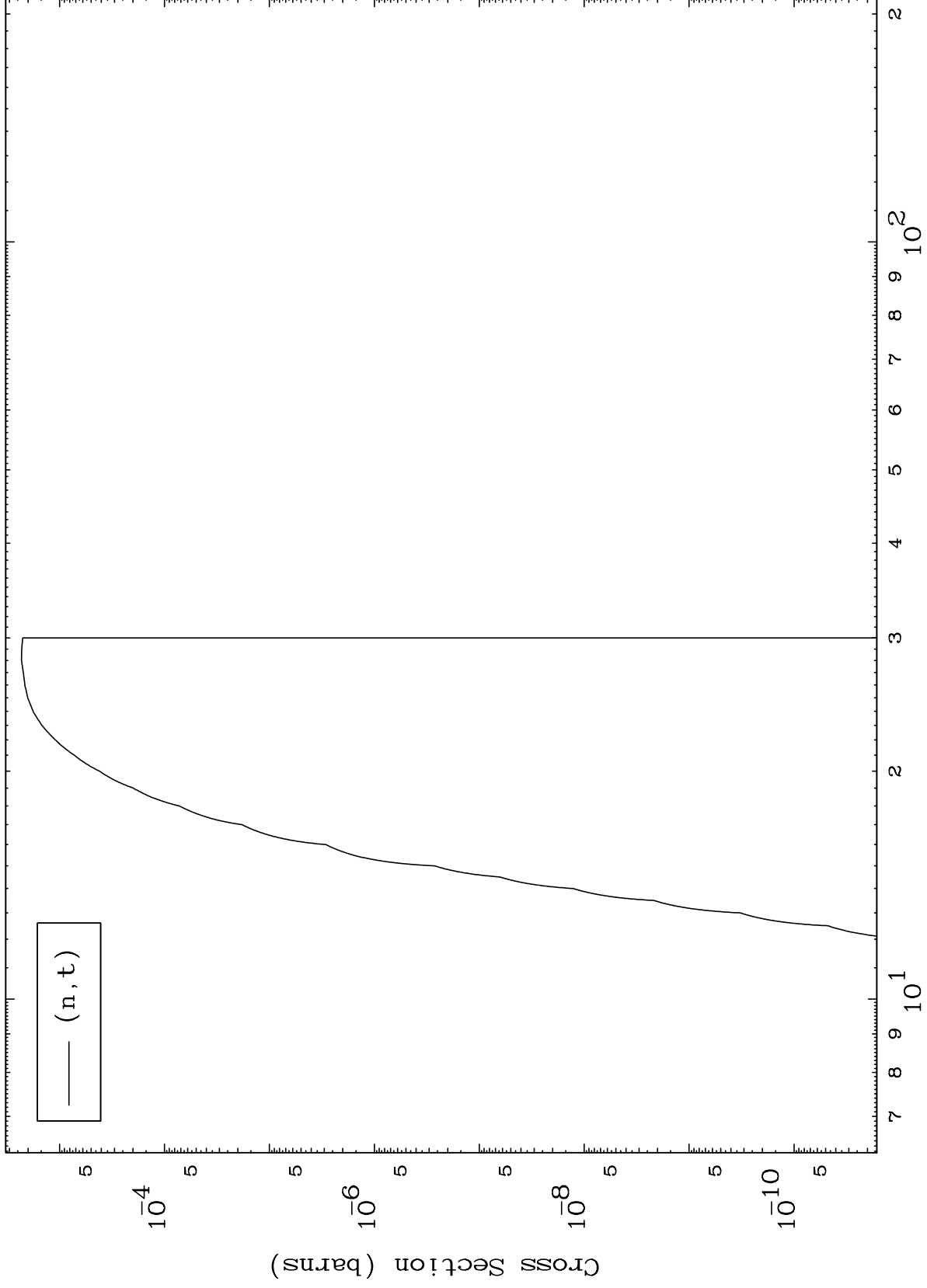
Incident Energy (MeV)

78-Pt-203

MAT 7864

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-203



10

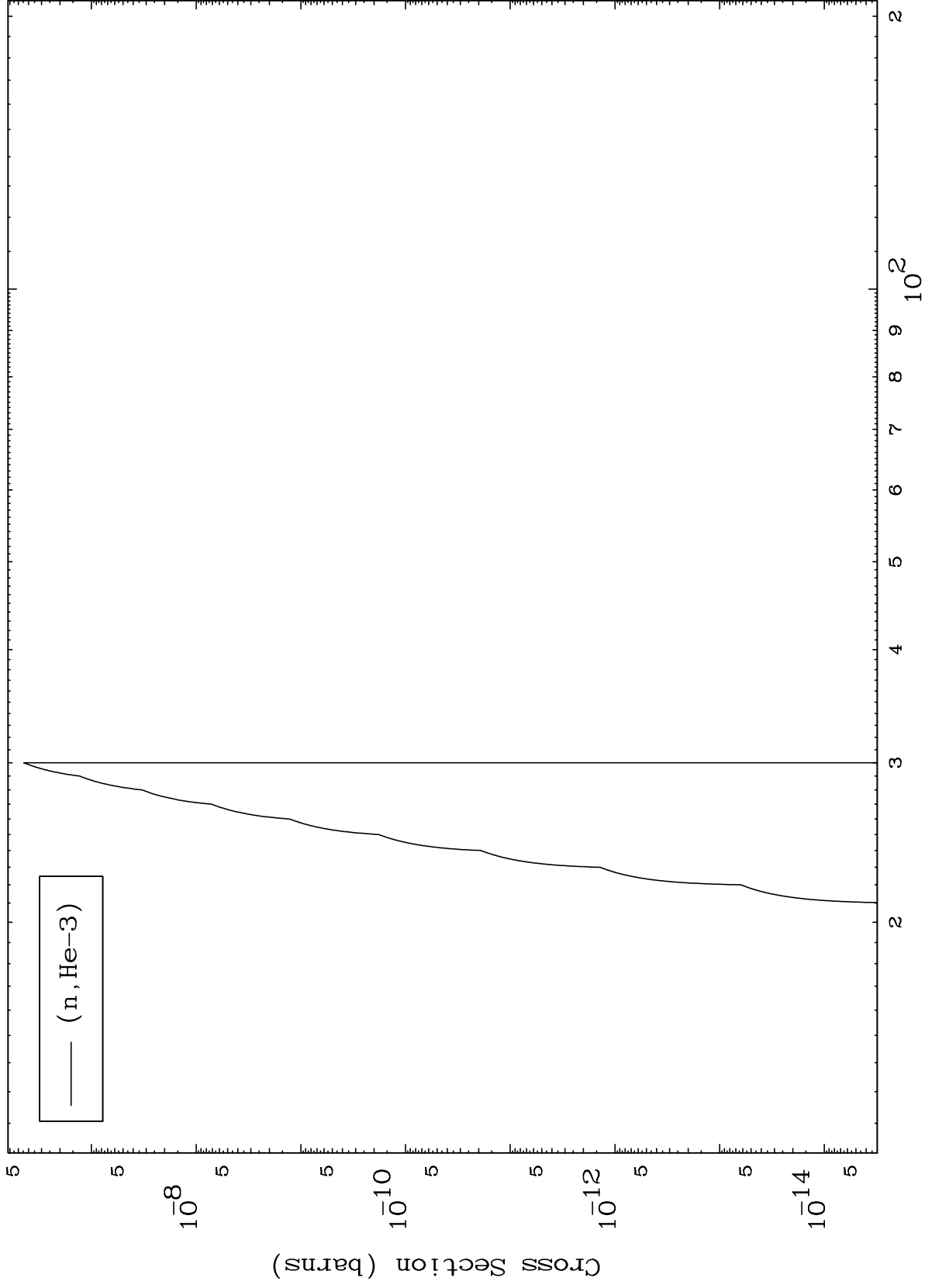
Incident Energy (MeV)

78-Pt-203

MAT 7864

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-203



11

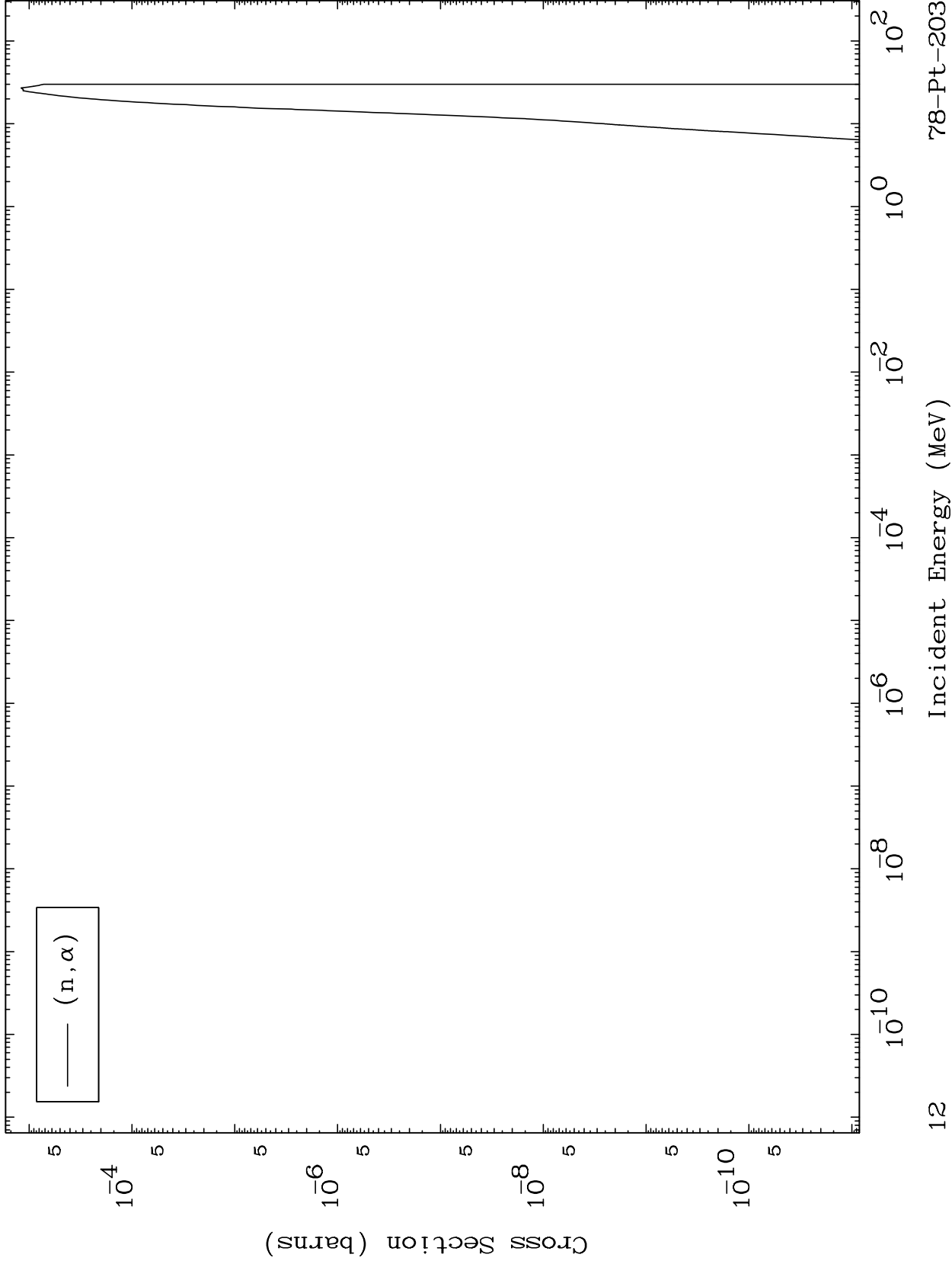
Incident Energy (MeV)

78-Pt-203

MAT 7864

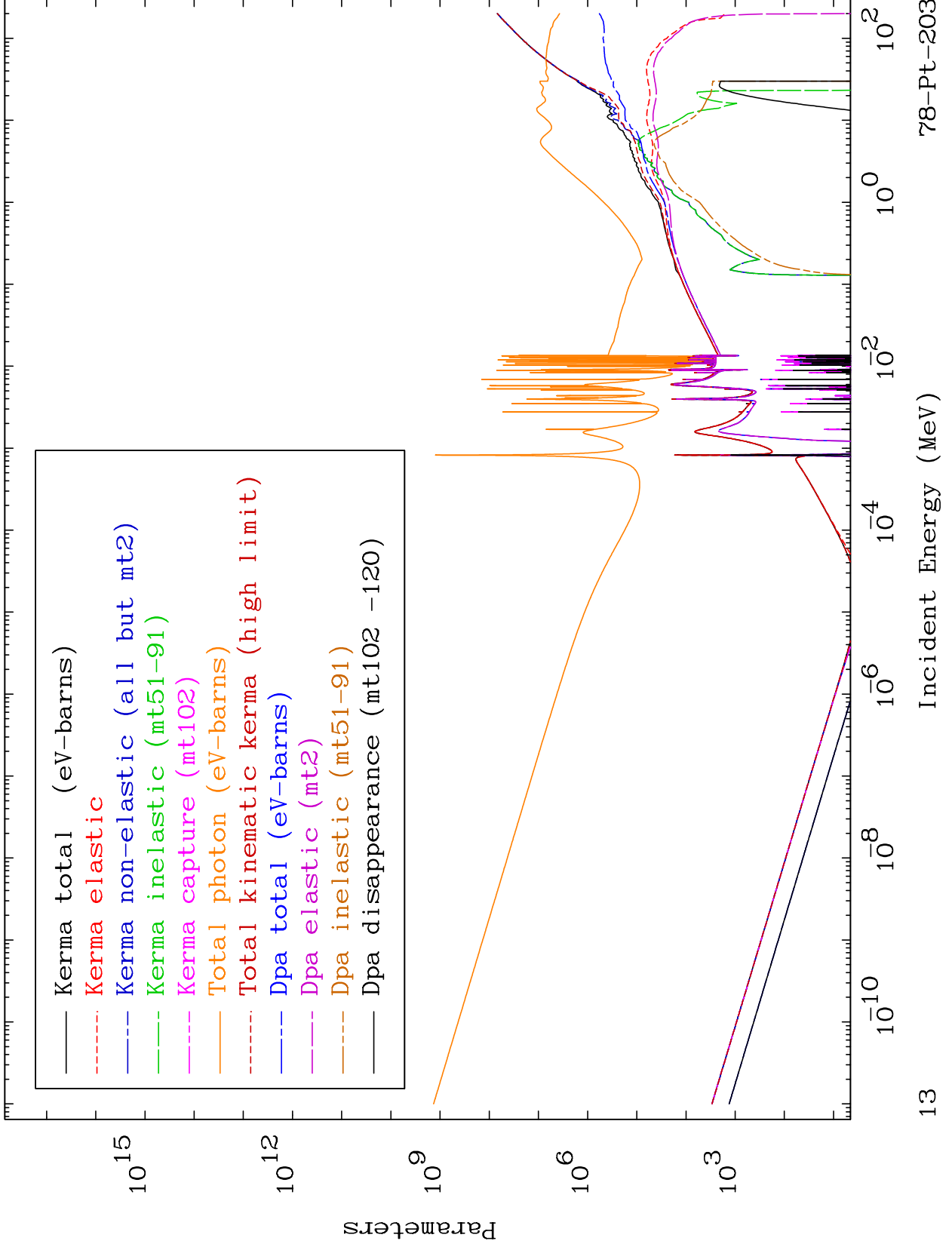
(n, α) Levels
293 Kelvin Cross Sections

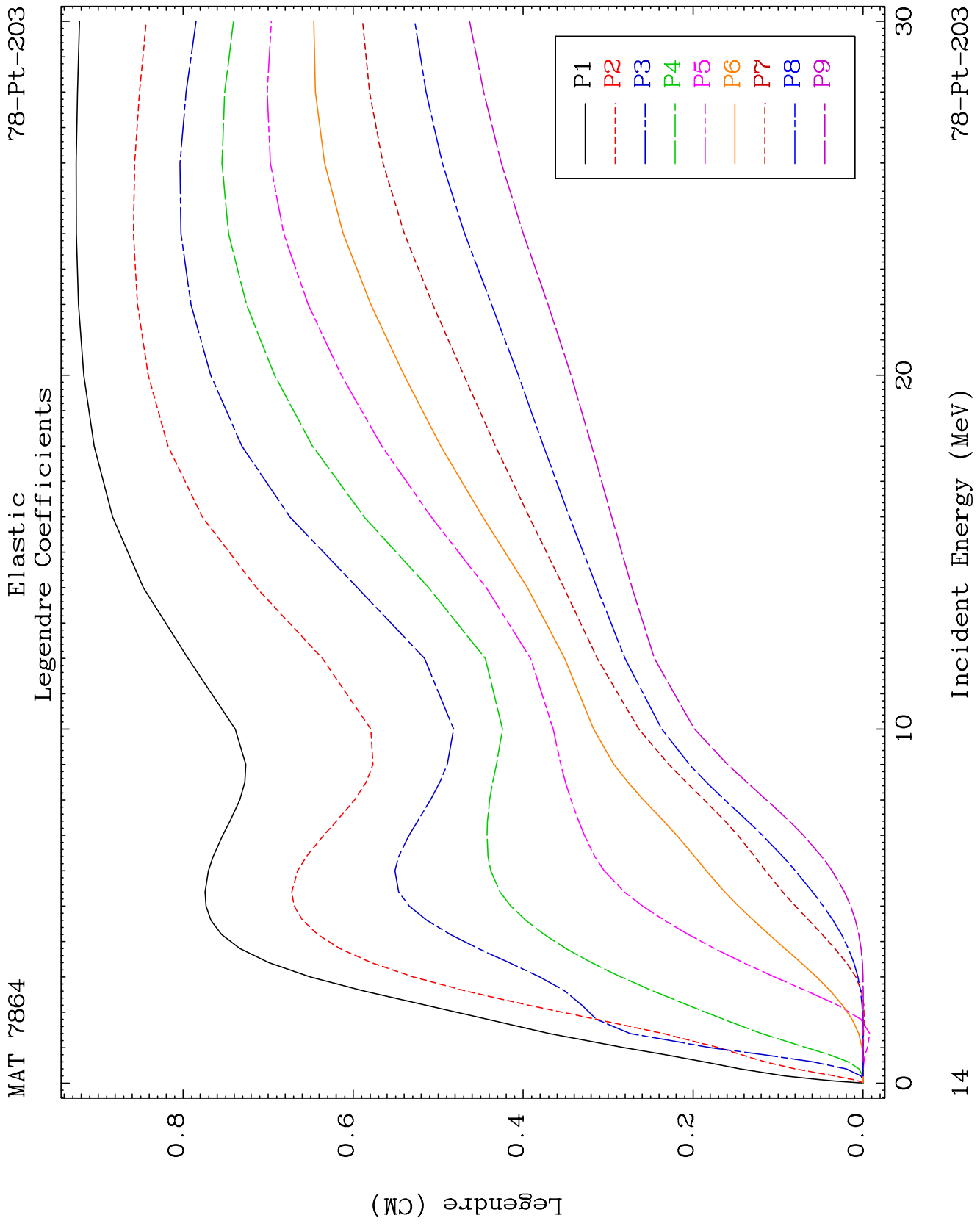
78-Pt-203



12

78-Pt-203

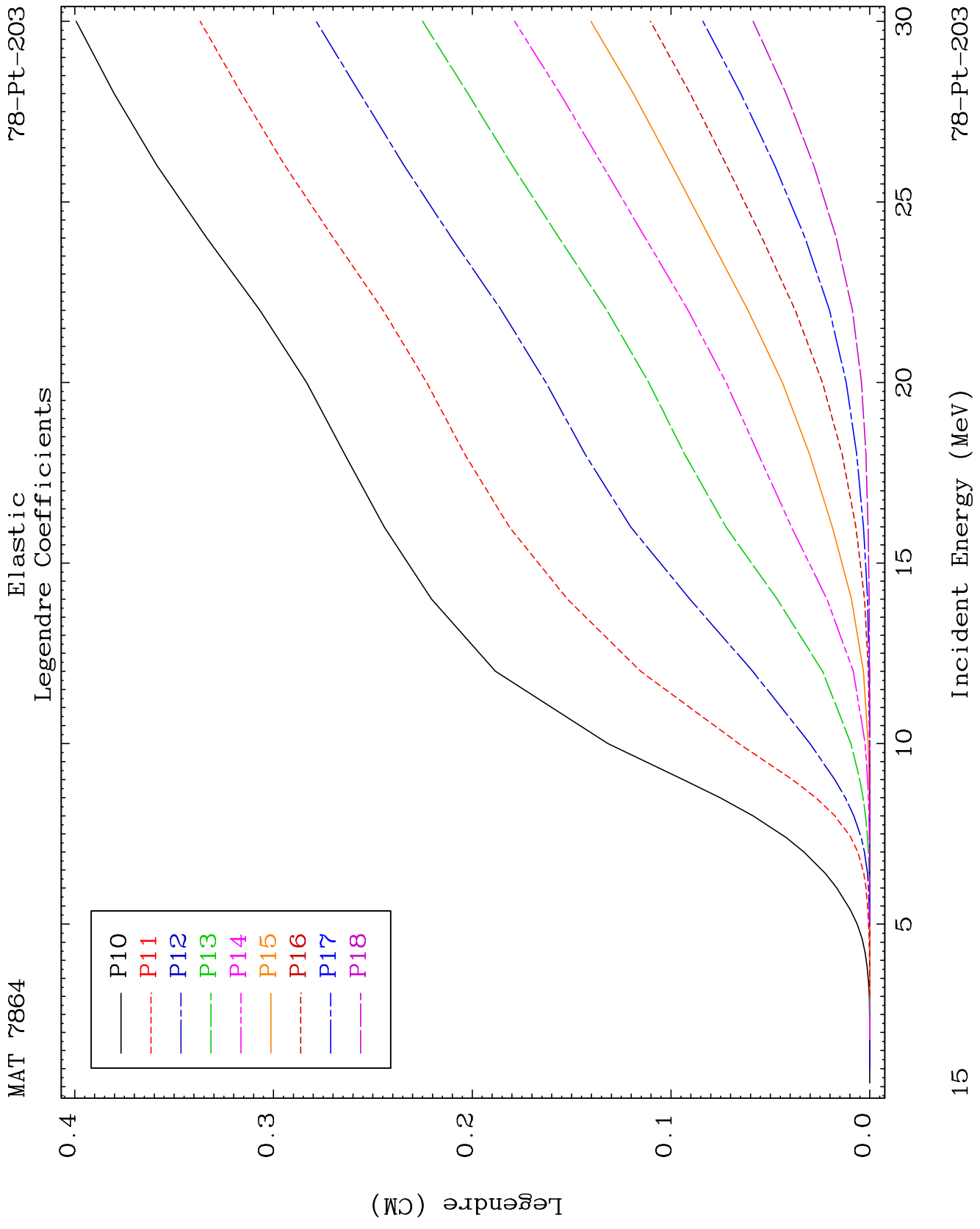




78-Pt-203

Incident Energy (MeV)

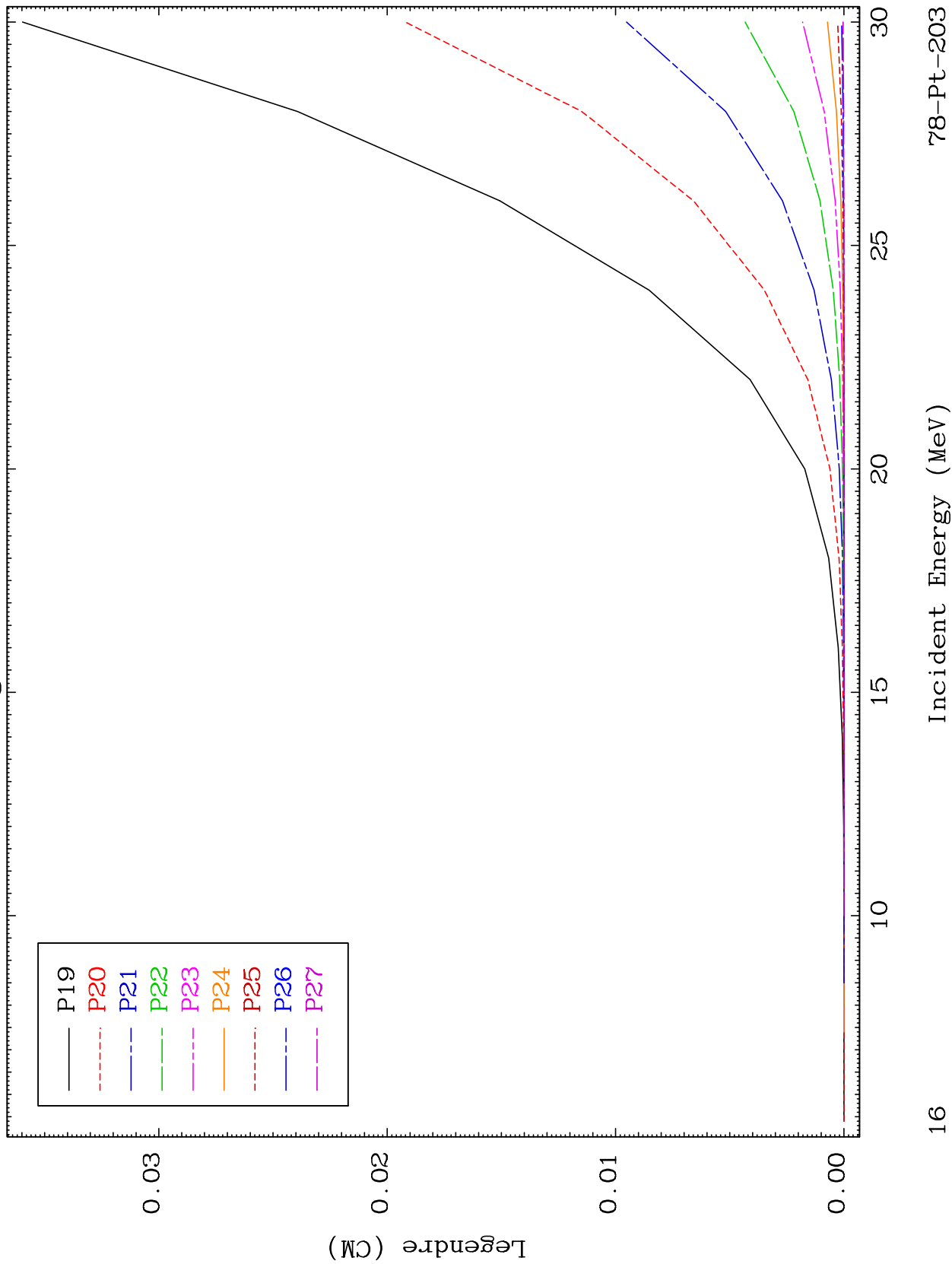
14



MAT 7864

Elastic Legendre Coefficients

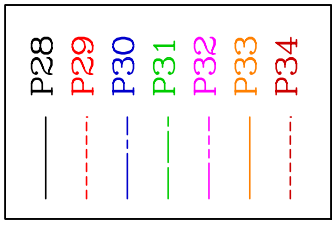
78-Pt-203



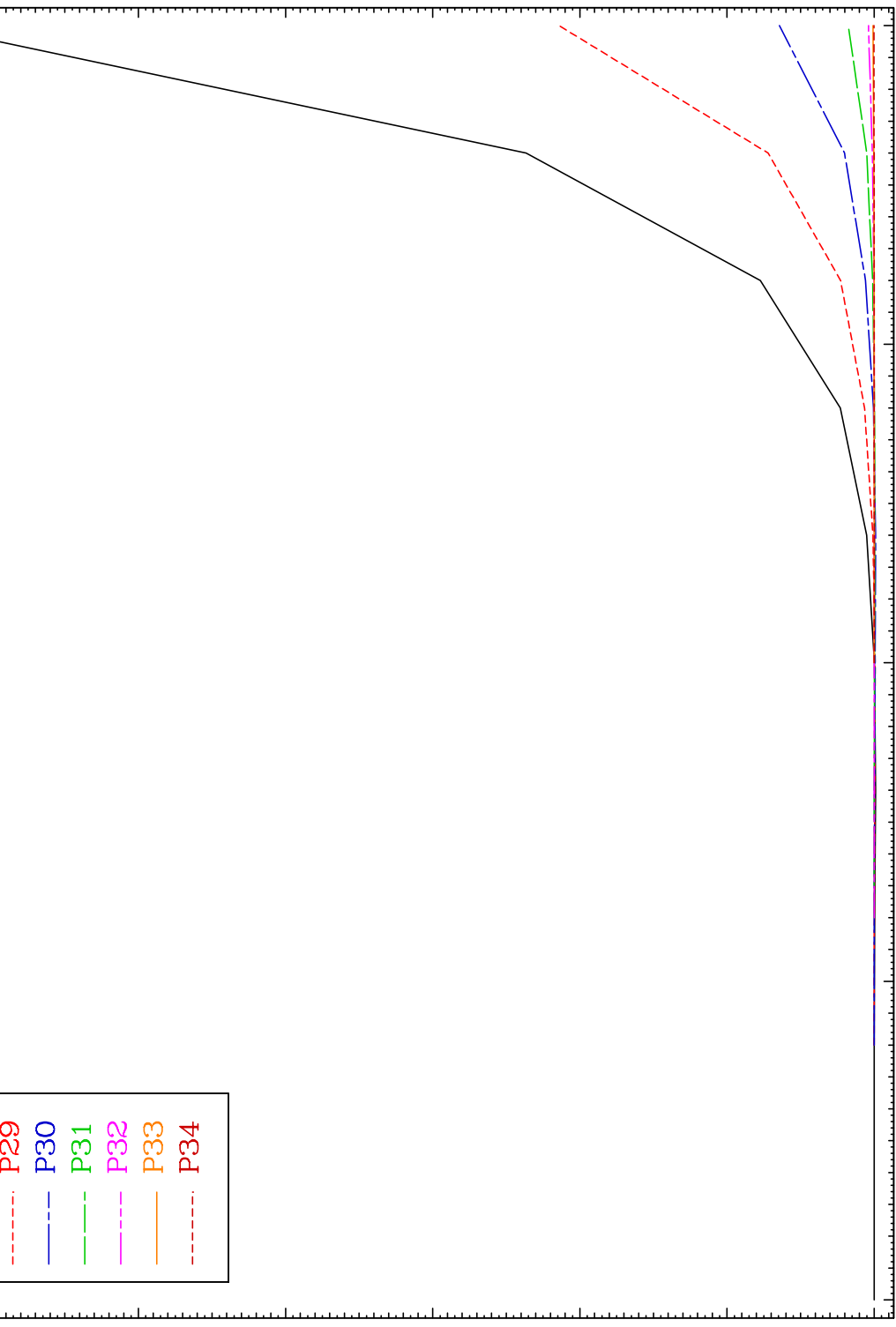
MAT 7864

Elastic Legendre Coefficients

78-Pt-203



$\times 10^{-5}$
Legendre (CM)



10 15 20 25 30

Incident Energy (MeV)

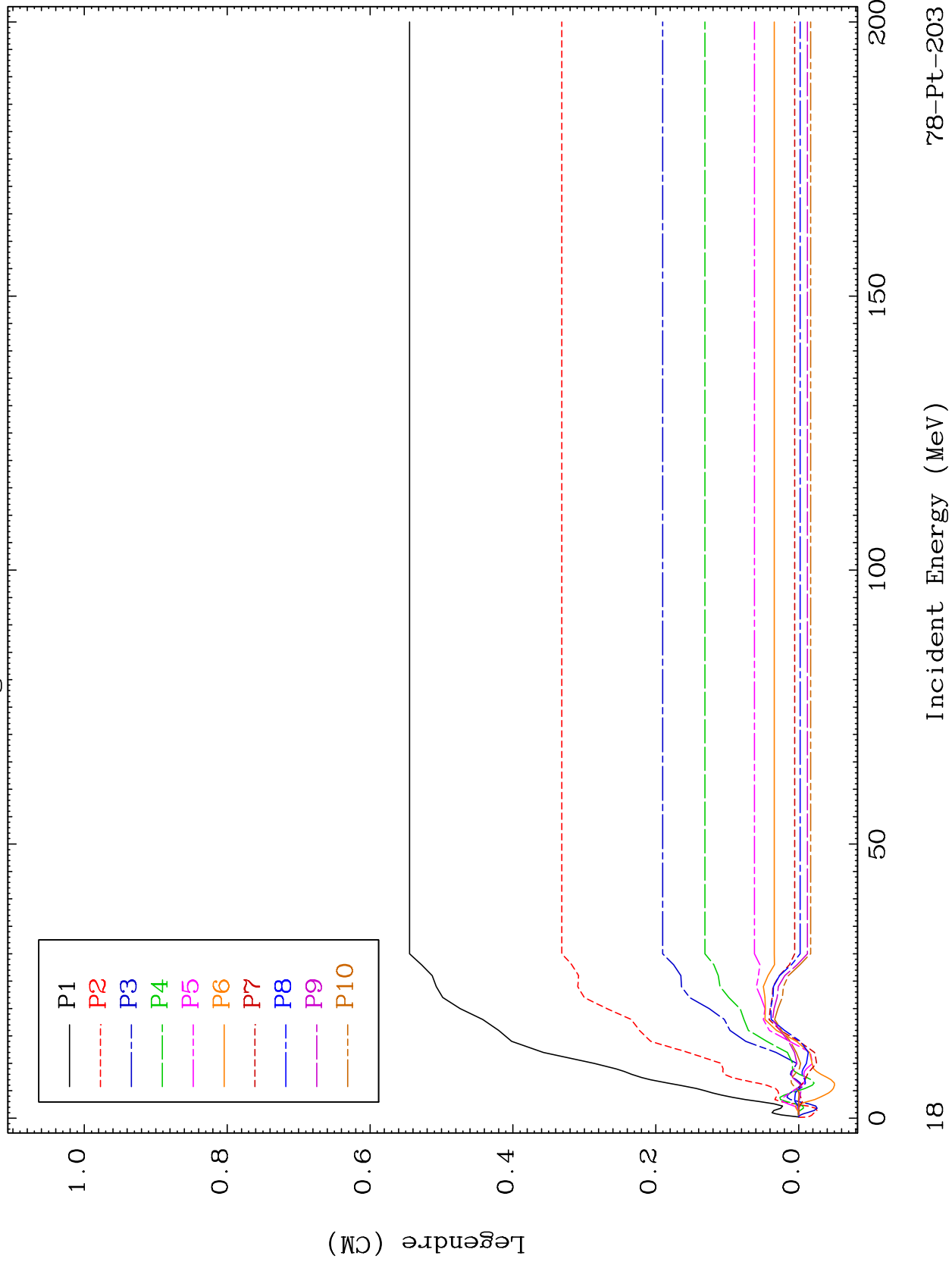
78-Pt-203

17

MAT 7864

MT= 51 (n,n') Level
Legendre Coefficients

78-Pt-203



78-Pt-203

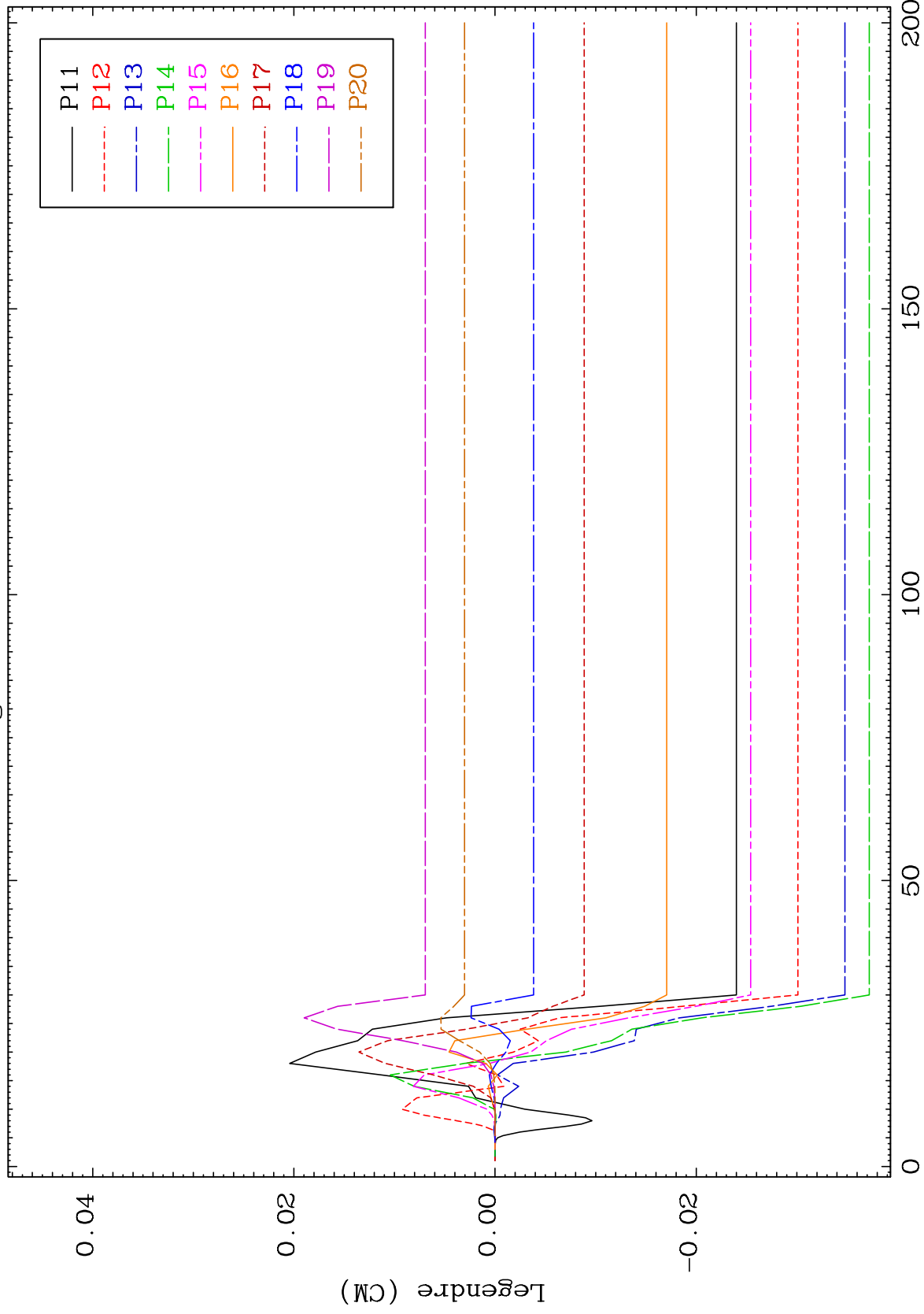
Incident Energy (MeV)

18

MAT 7864

MT= 51 (n,n') Level
Legendre Coefficients

78-Pt-203



19

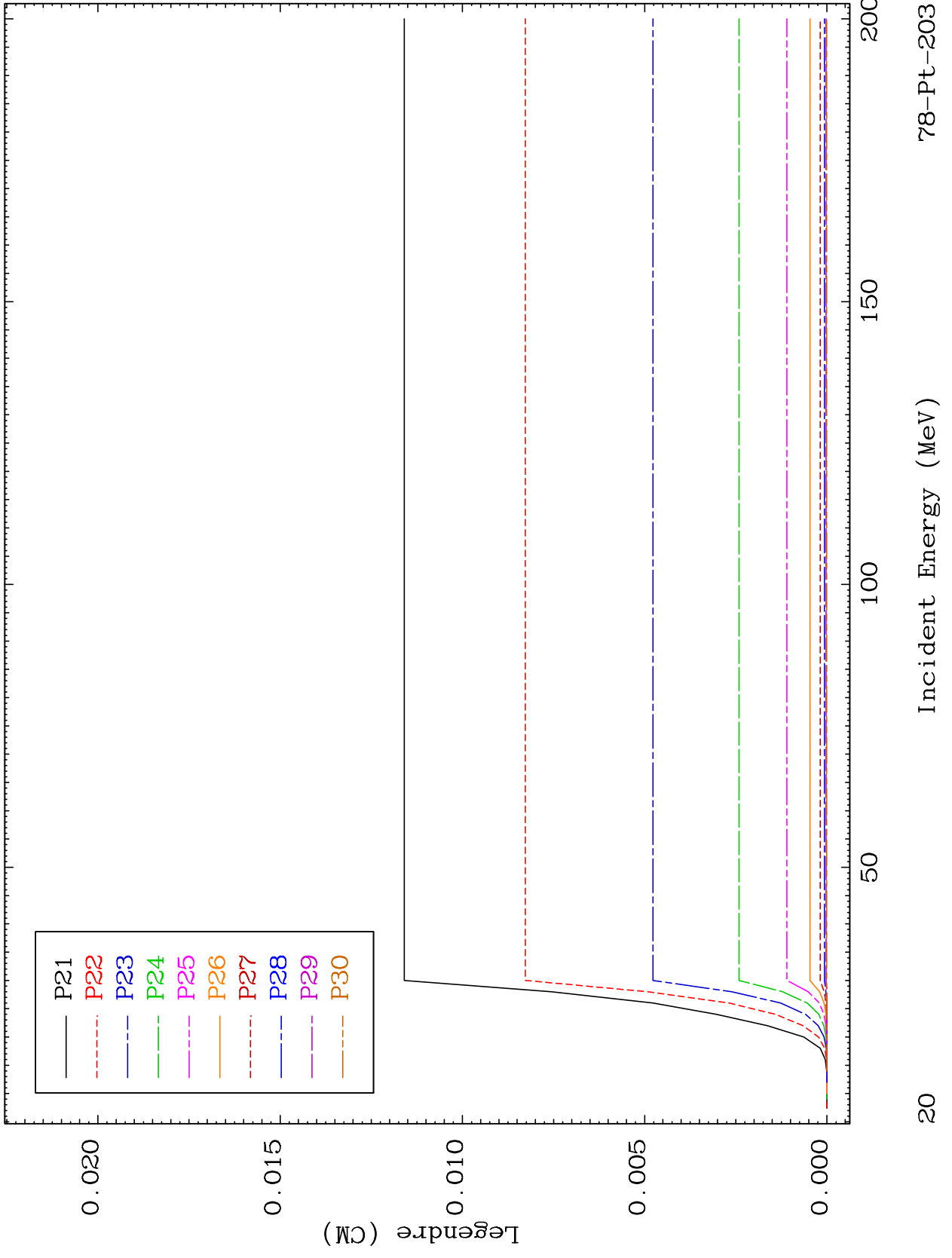
Incident Energy (MeV)

78-Pt-203

MAT 7864

MT= 51 (n,n') Level
Legendre Coefficients

78-Pt-203



20

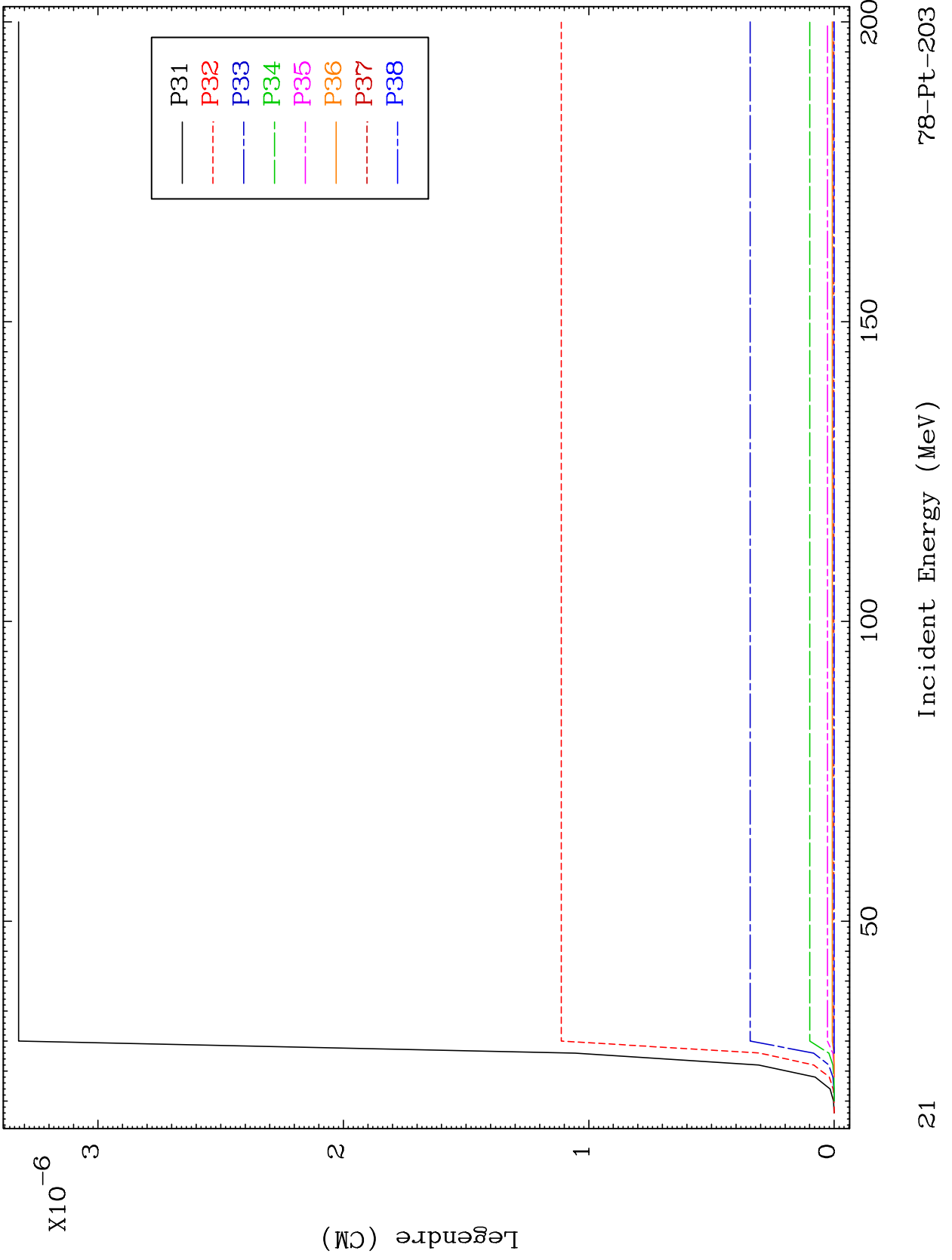
Incident Energy (MeV)

78-Pt-203

MAT 7864

MT= 51 (n,n') Level
Legendre Coefficients

78-Pt-203

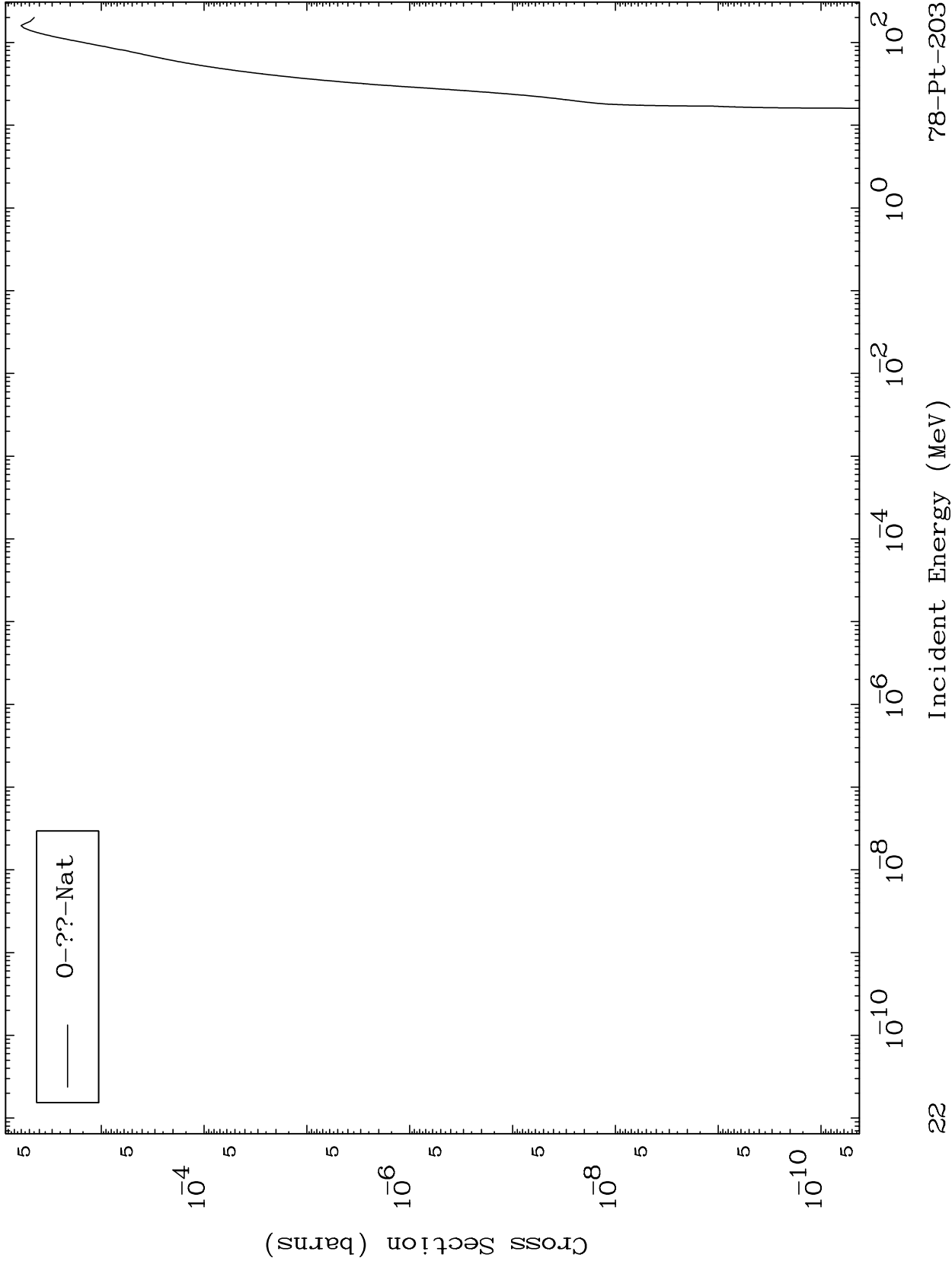


21

MAT 7864

Fission
Radionuclide Production Cross Section

78-Pt-203



78-Pt-203