

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

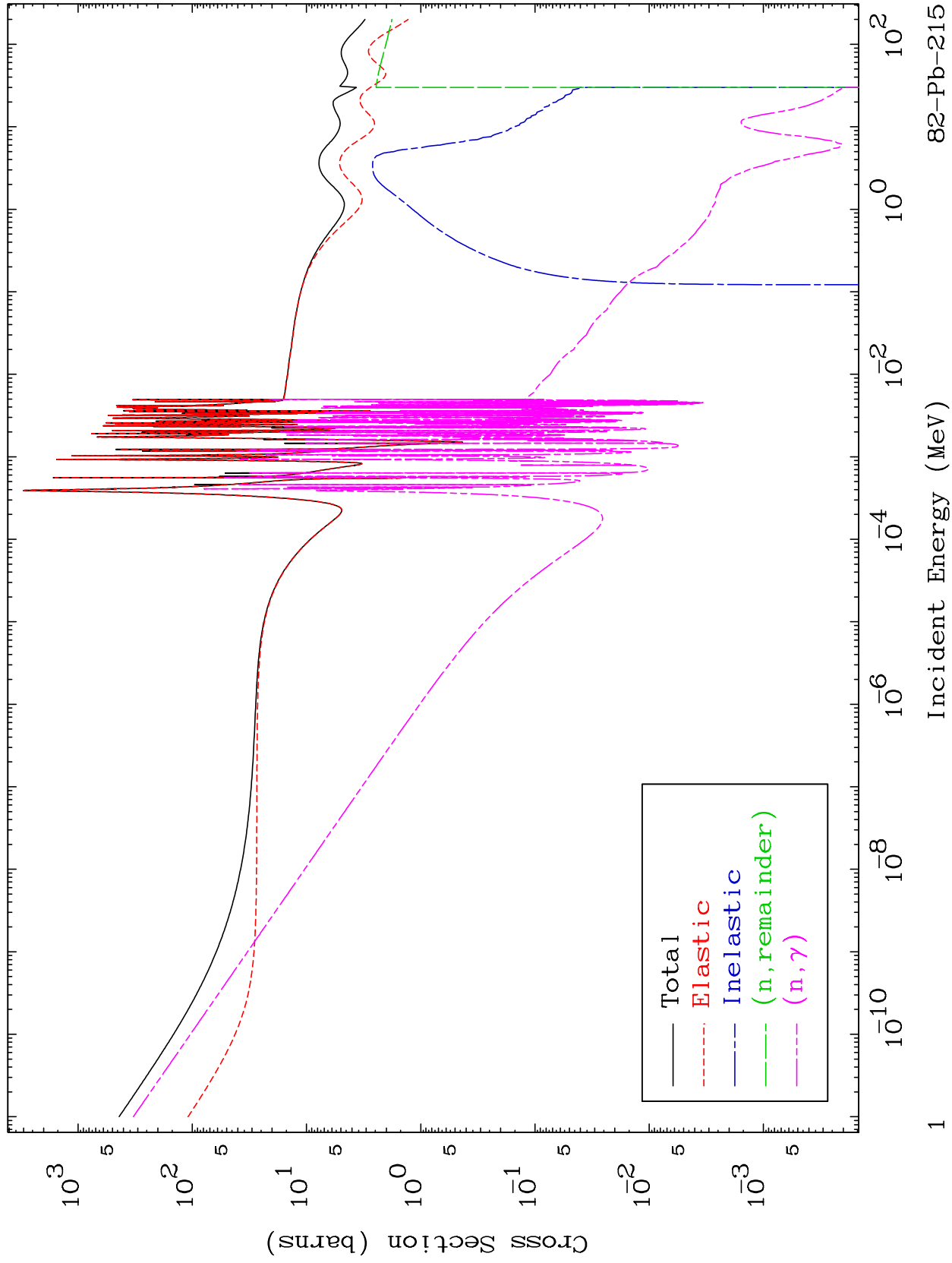
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8258

Major
293 Kelvin Cross Sections

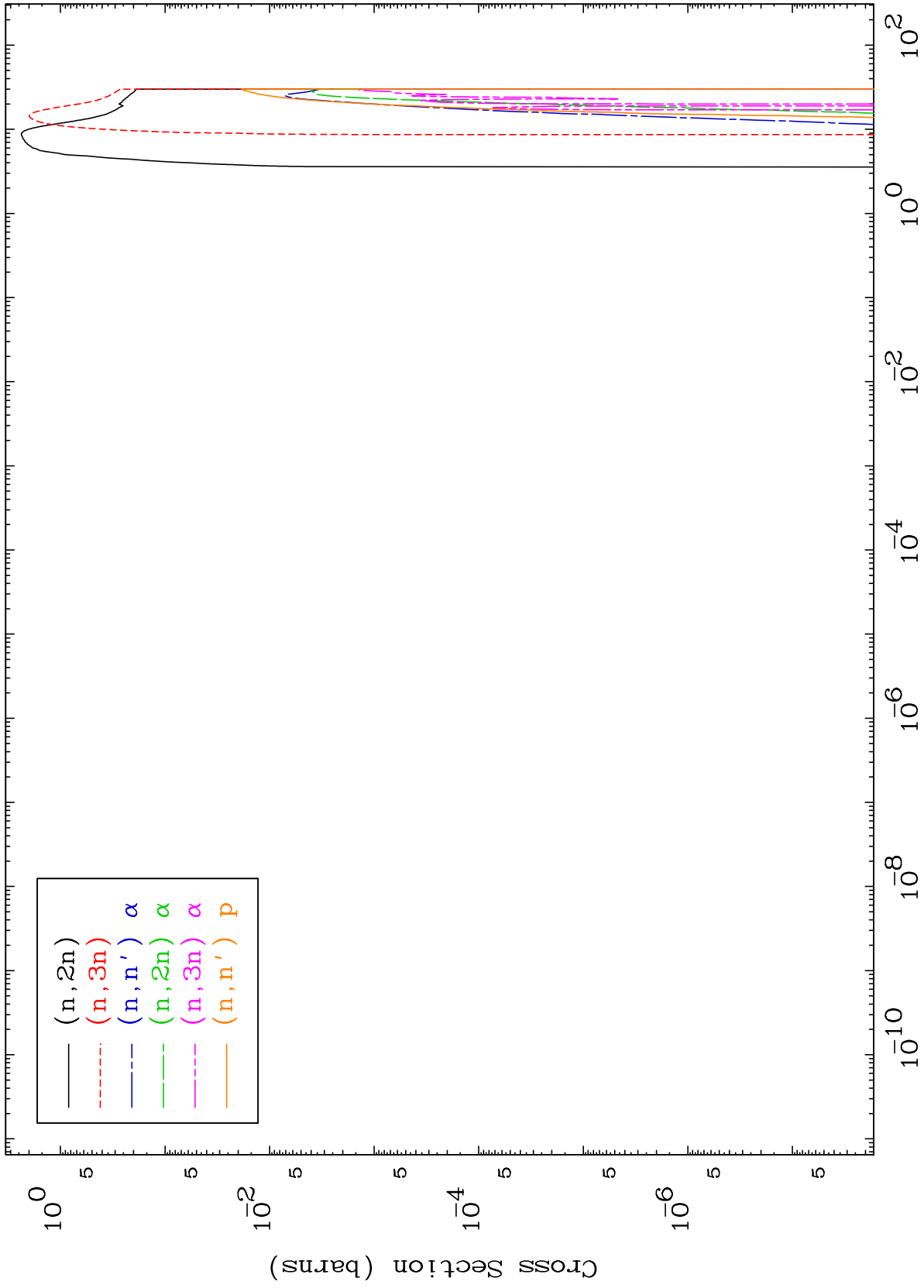
82-Pb-215



MAT 8258

Neutron Production
293 Kelvin Cross Sections

82-Pb-215



2

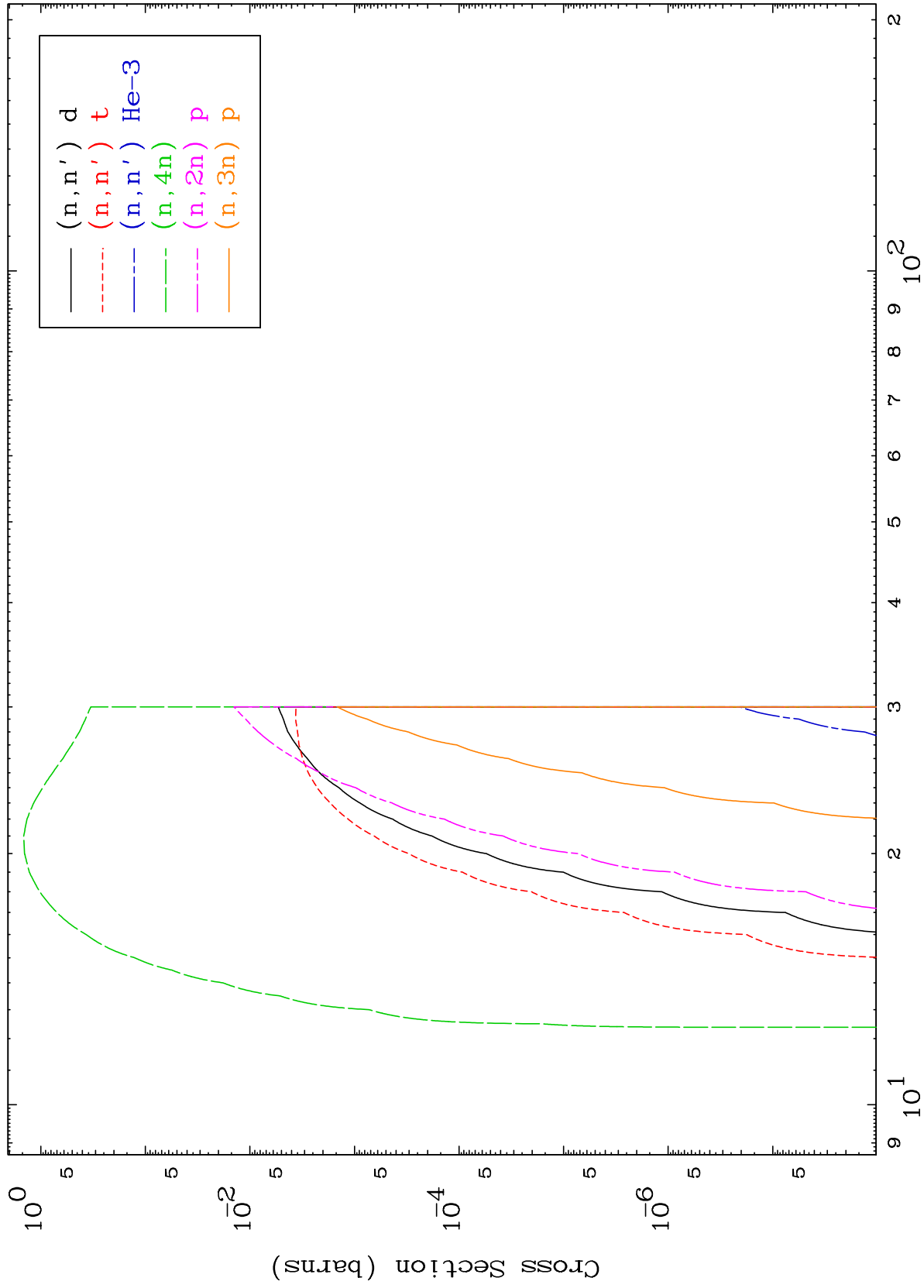
Incident Energy (MeV)

82-Pb-215

MAT 8258

Neutron Production
293 Kelvin Cross Sections

82-Pb-215



3

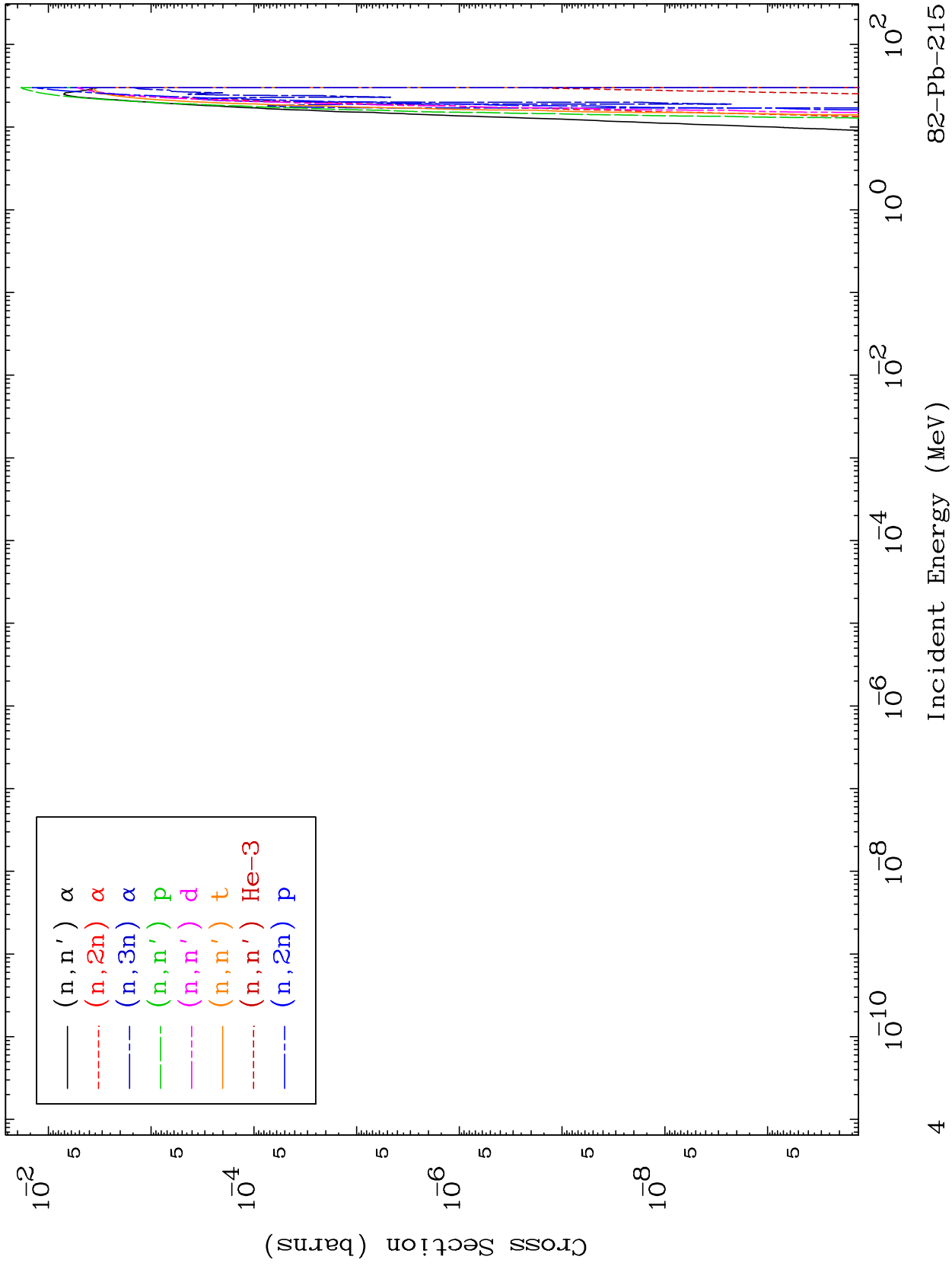
Incident Energy (MeV)

82-Pb-215

MAT 8258

Charged Particle
293 Kelvin Cross Sections

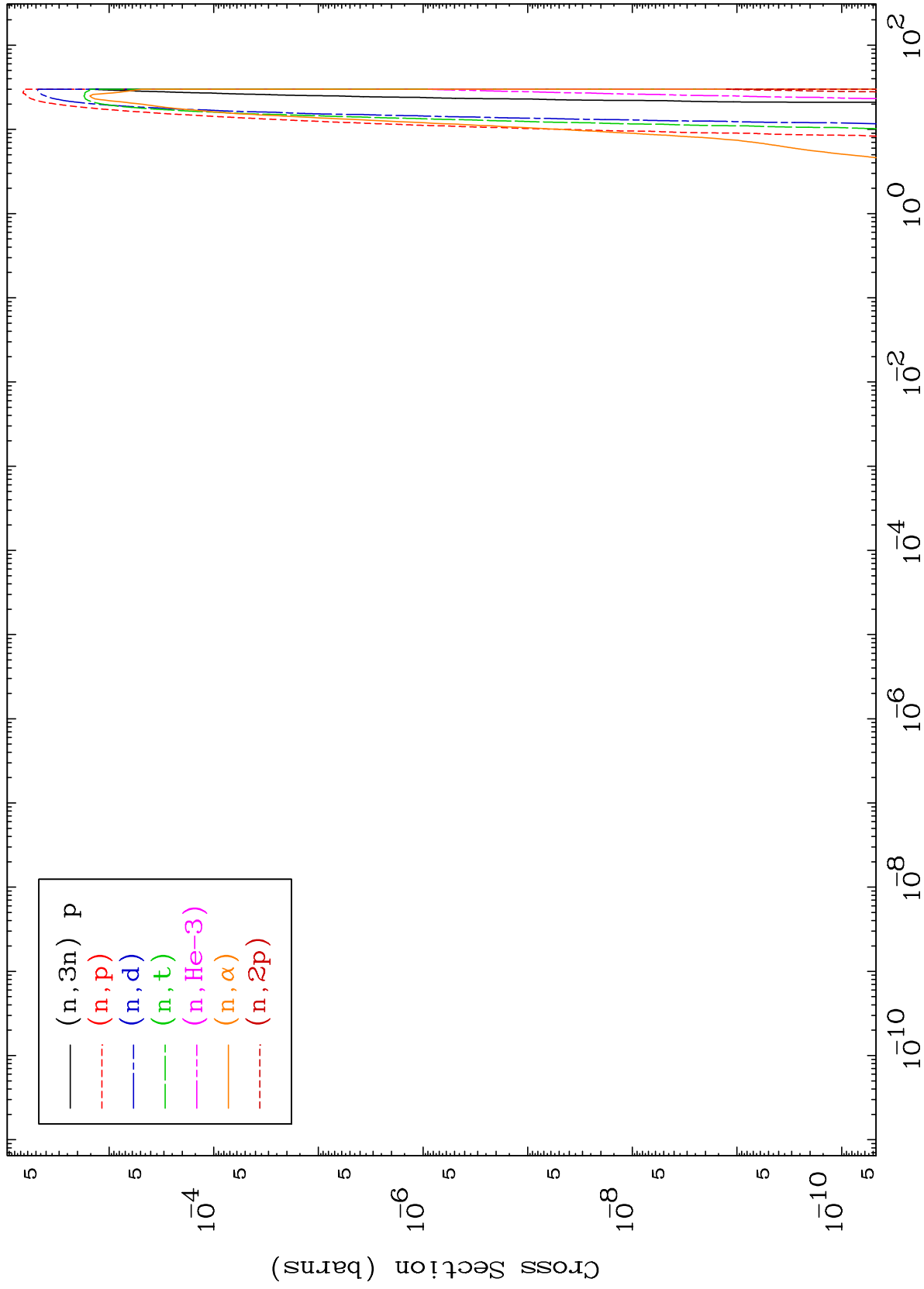
82-Pb-215



MAT 8258

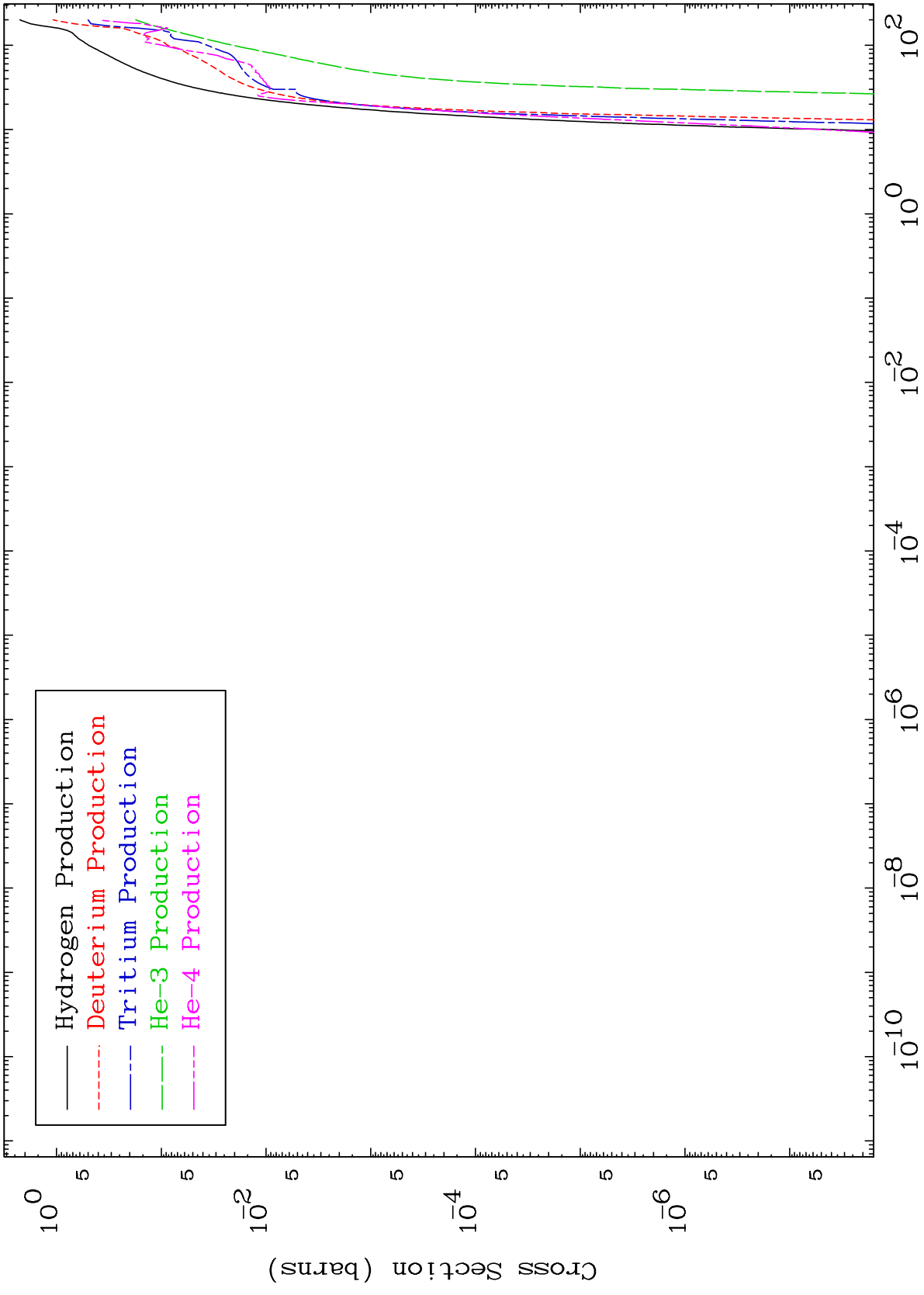
Charged Particle
293 Kelvin Cross Sections

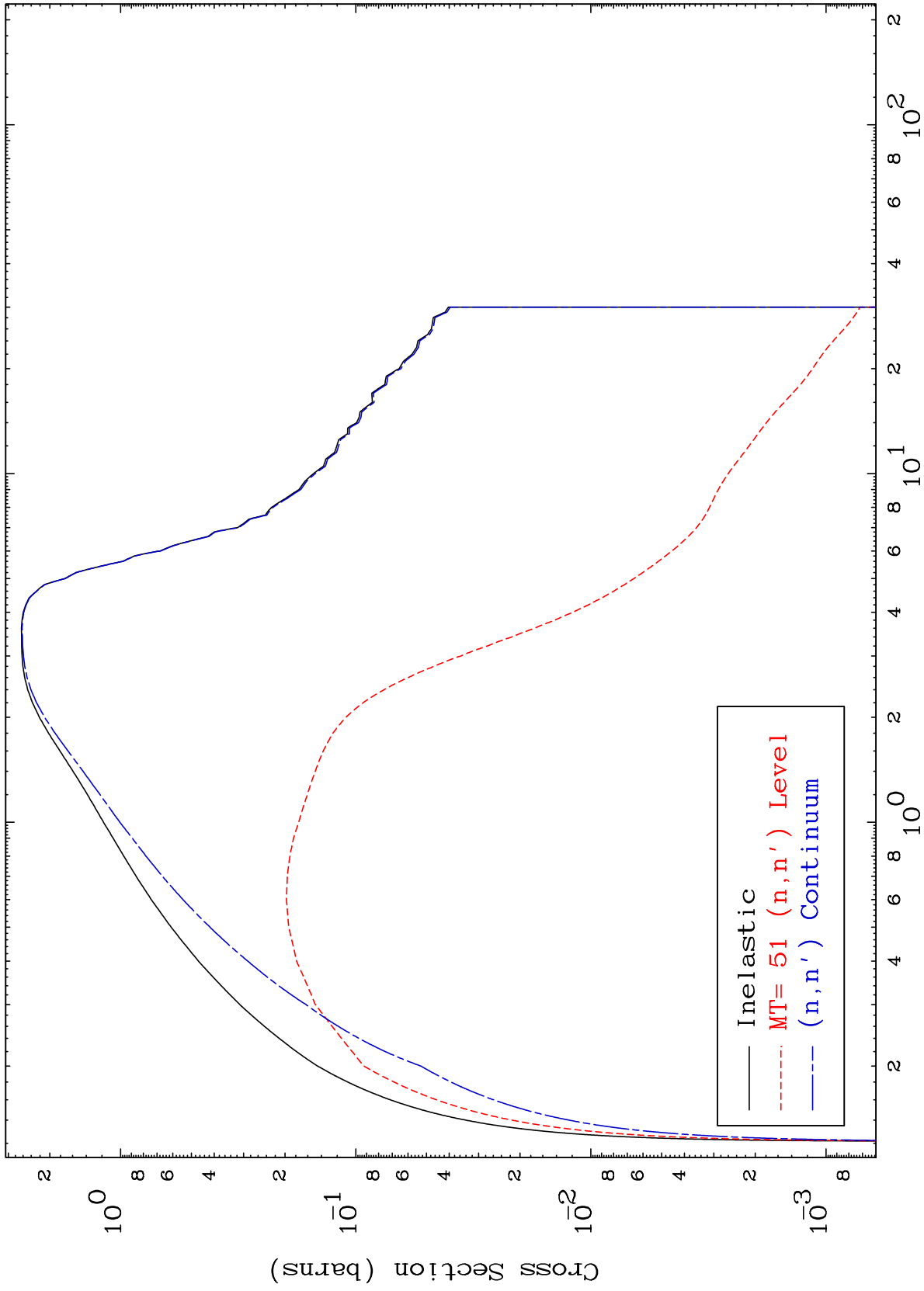
82-Pb-215



5

82-Pb-215

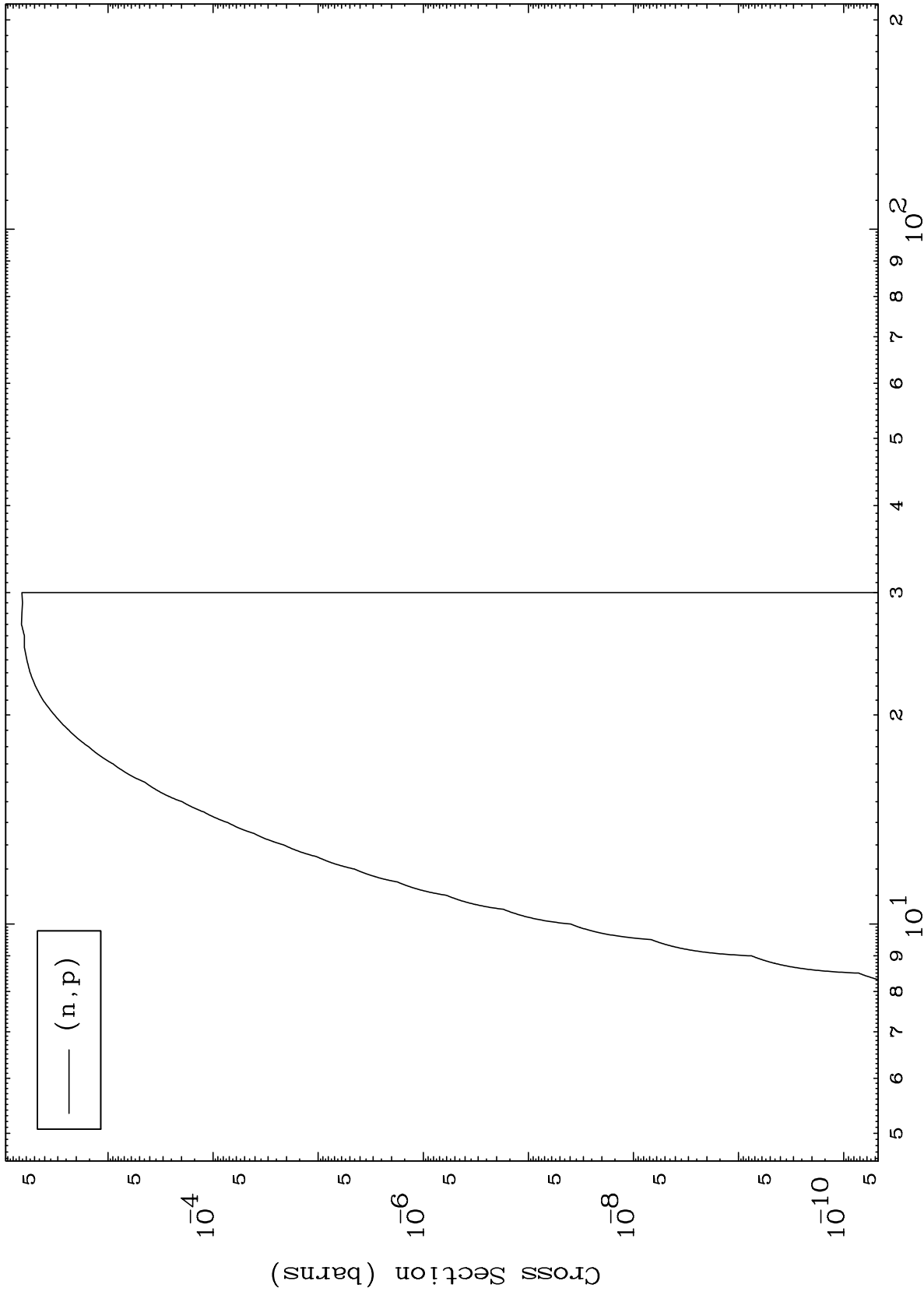




MAT 8258

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-215



8

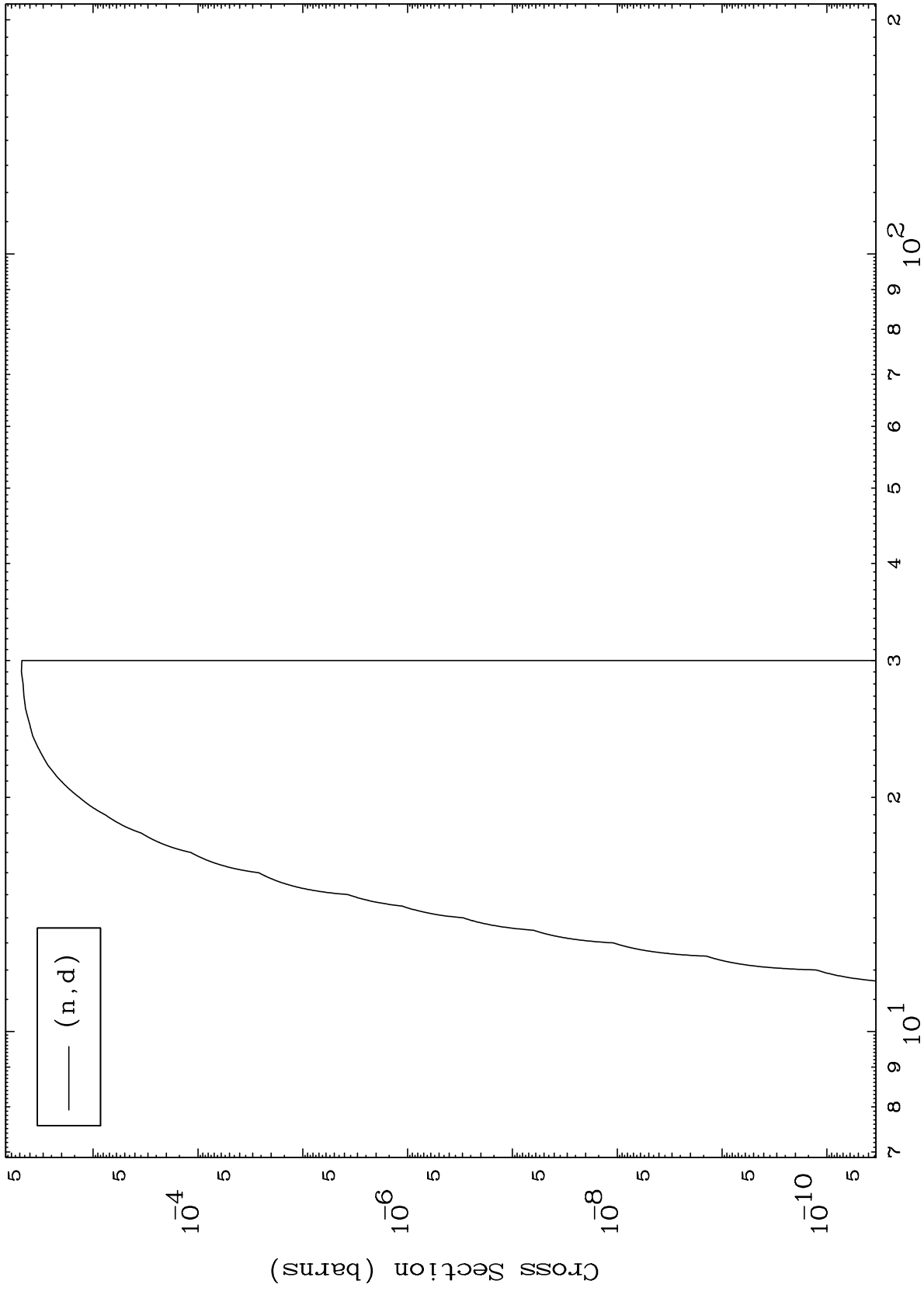
Incident Energy (MeV)

82-Pb-215

MAT 8258

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-215



9

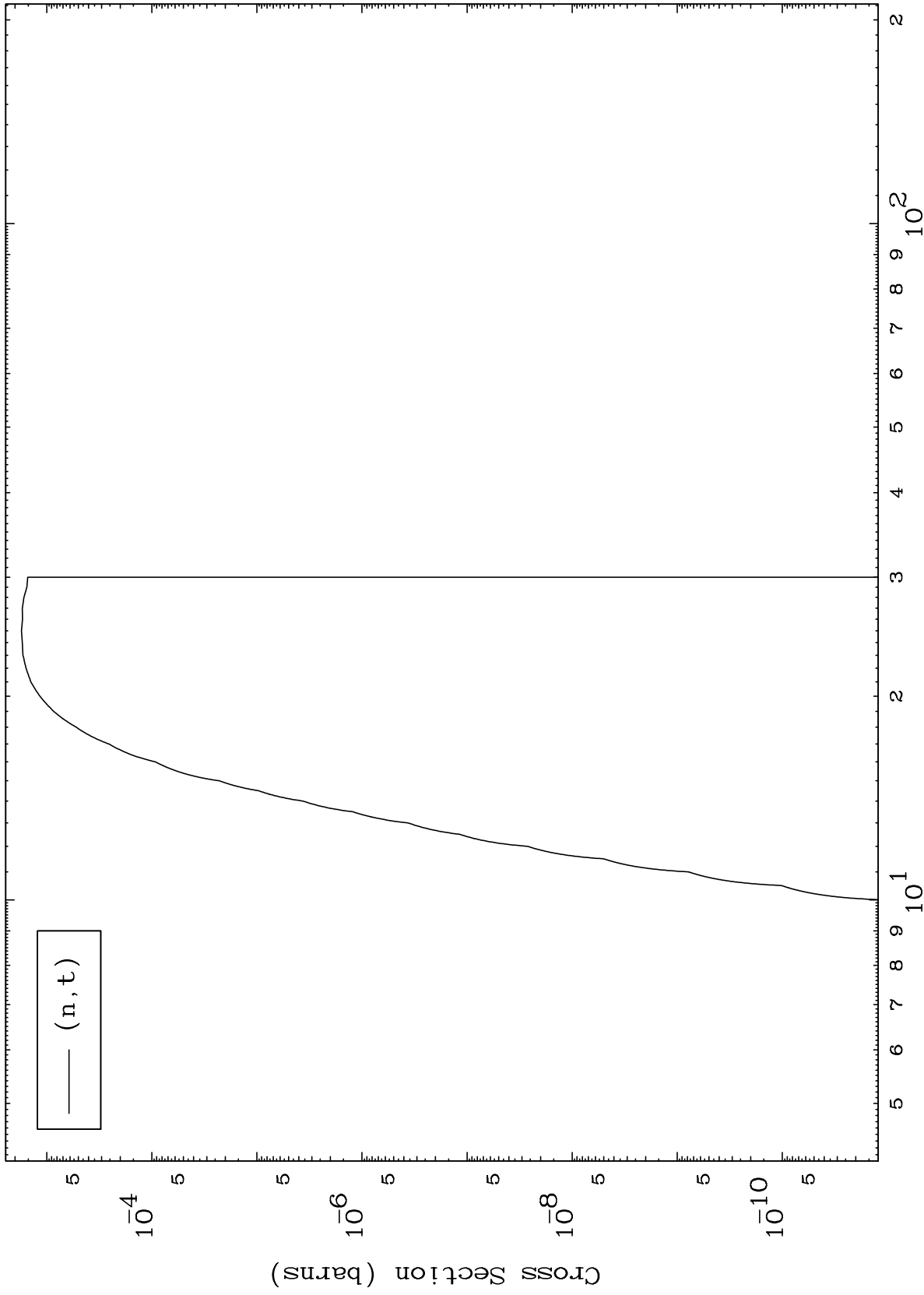
Incident Energy (MeV)

82-Pb-215

MAT 8258

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-215



10

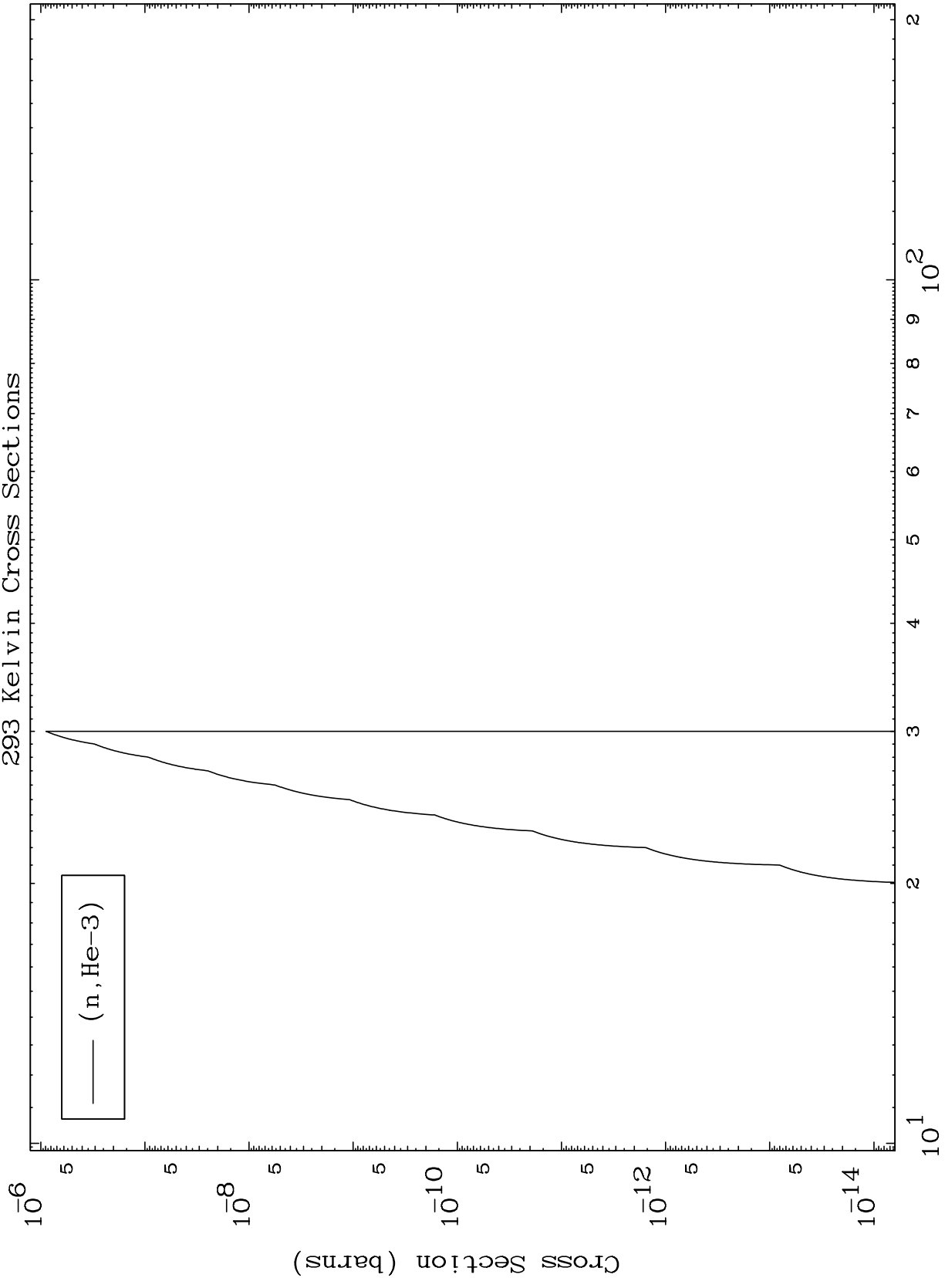
Incident Energy (MeV)

82-Pb-215

MAT 8258

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-215



11

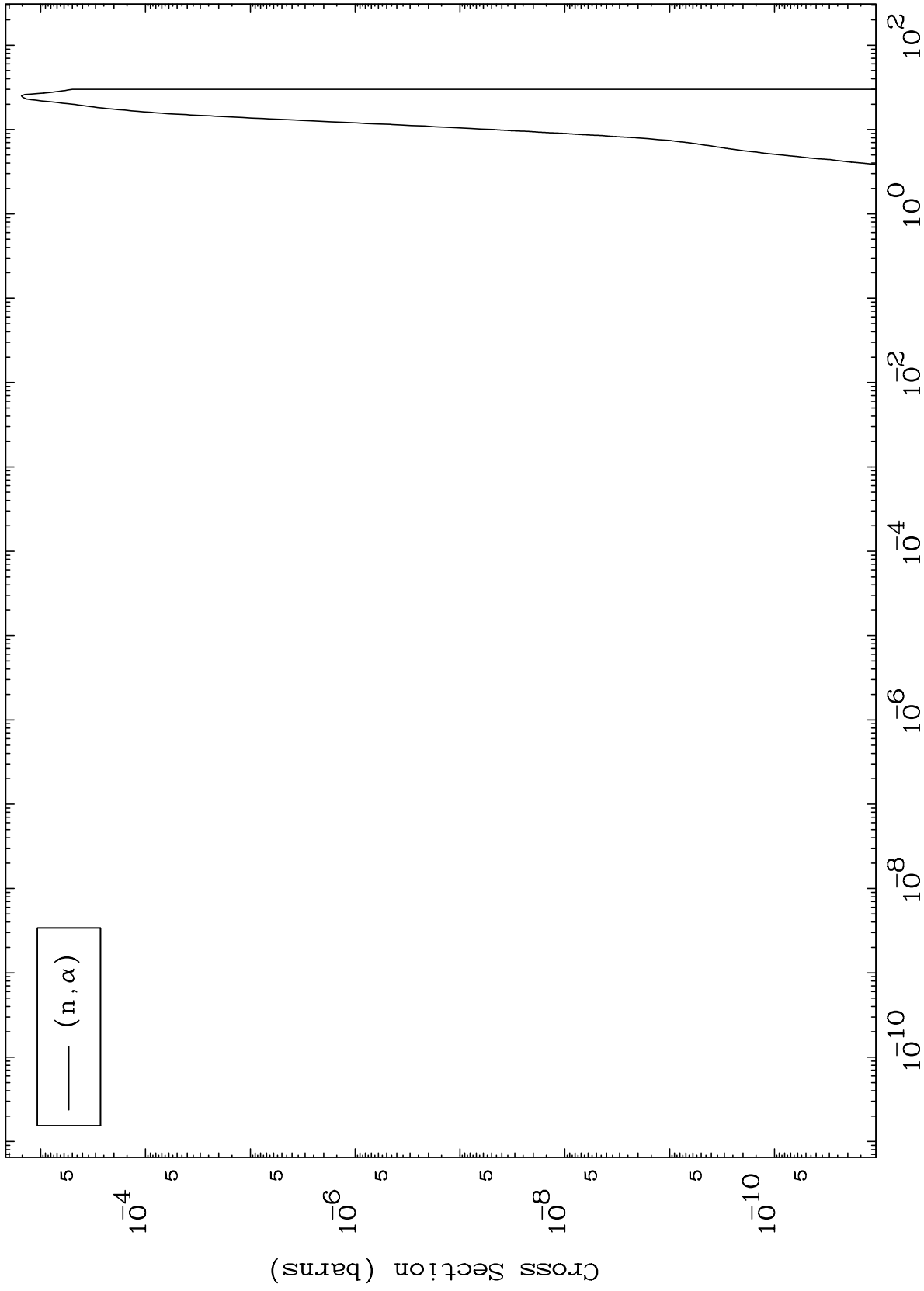
Incident Energy (MeV)

82-Pb-215

MAT 8258

(n,α) Levels
293 Kelvin Cross Sections

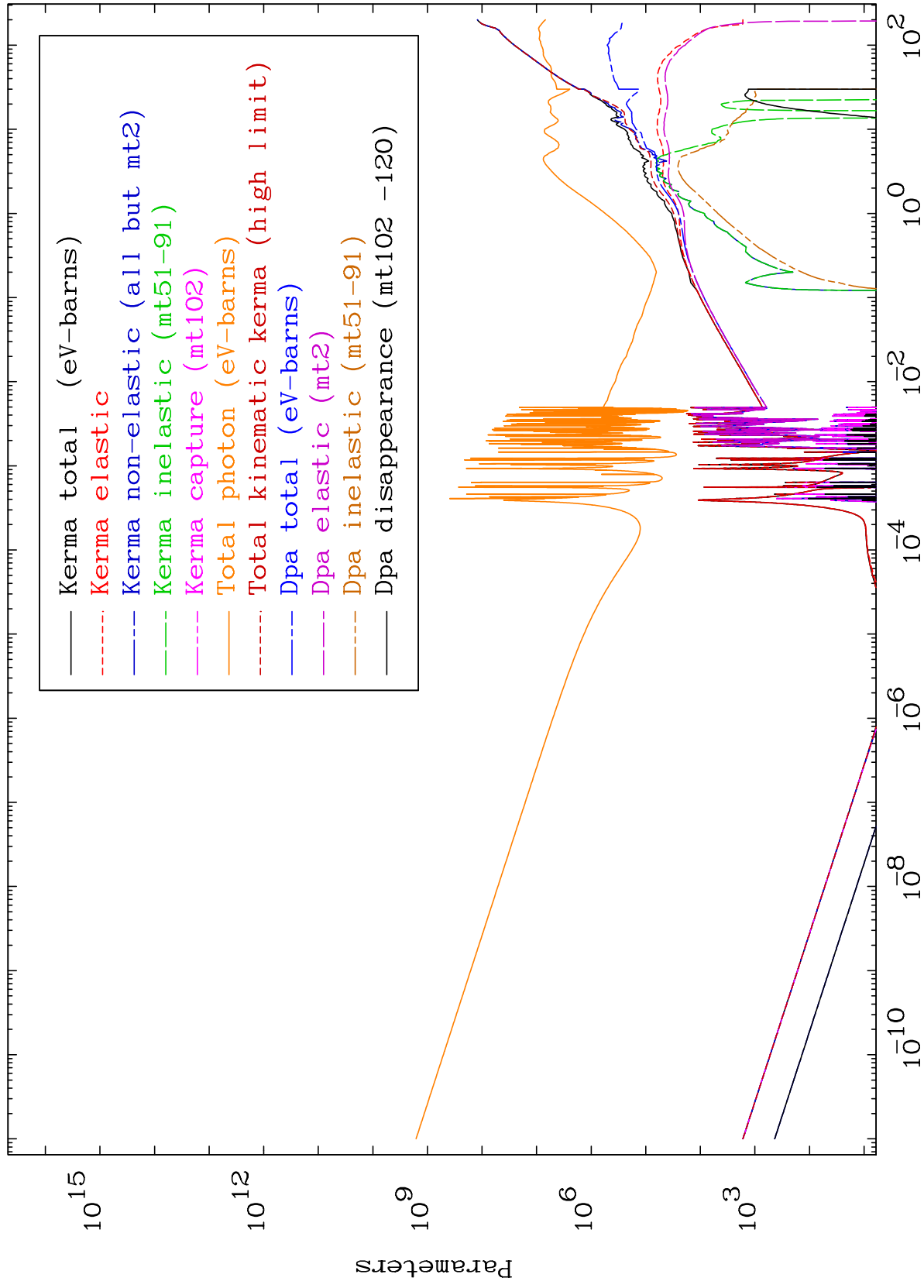
82-Pb-215



12

Incident Energy (MeV)

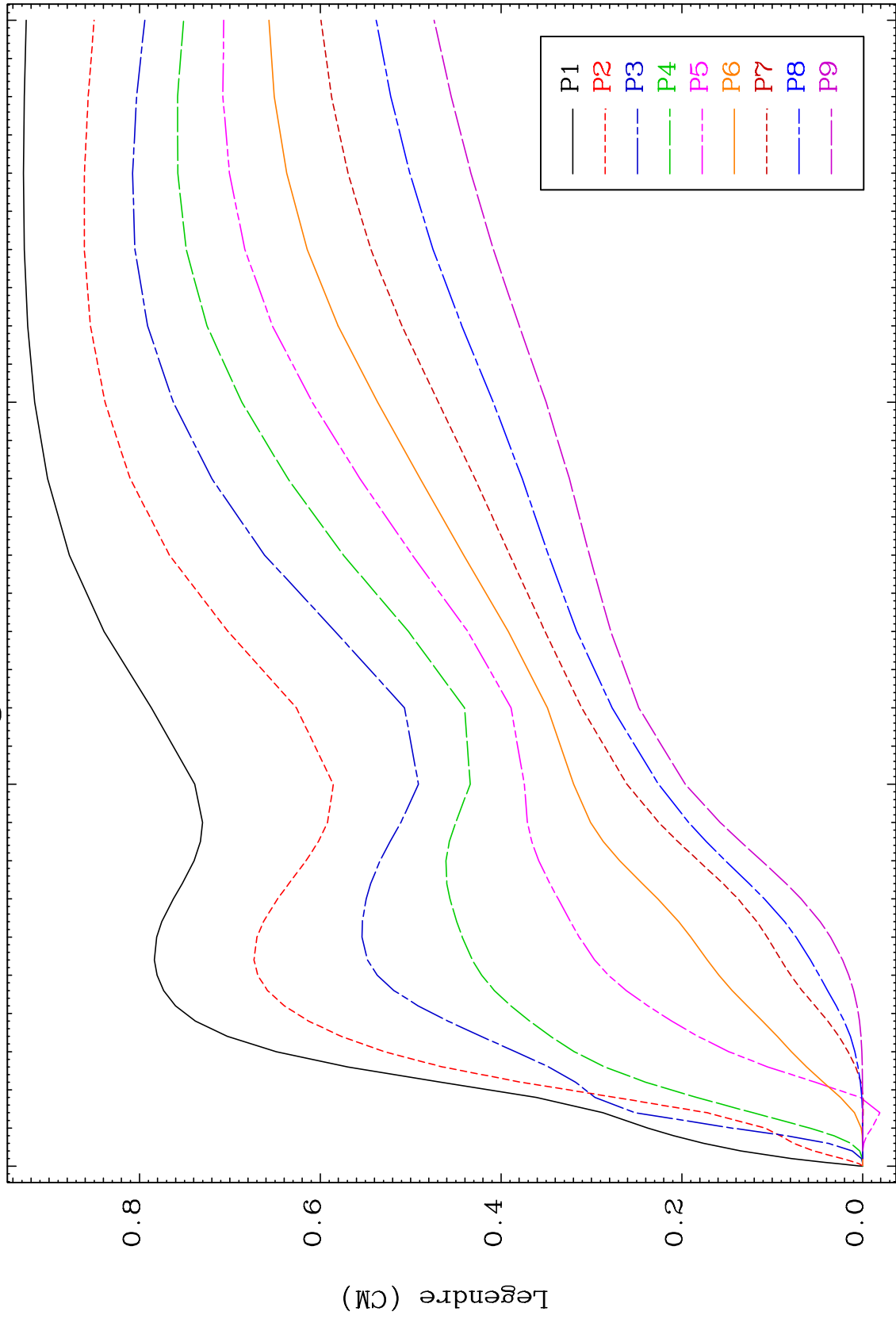
82-Pb-215



MAT 8258

Elastic Legendre Coefficients

82-Pb-215



14

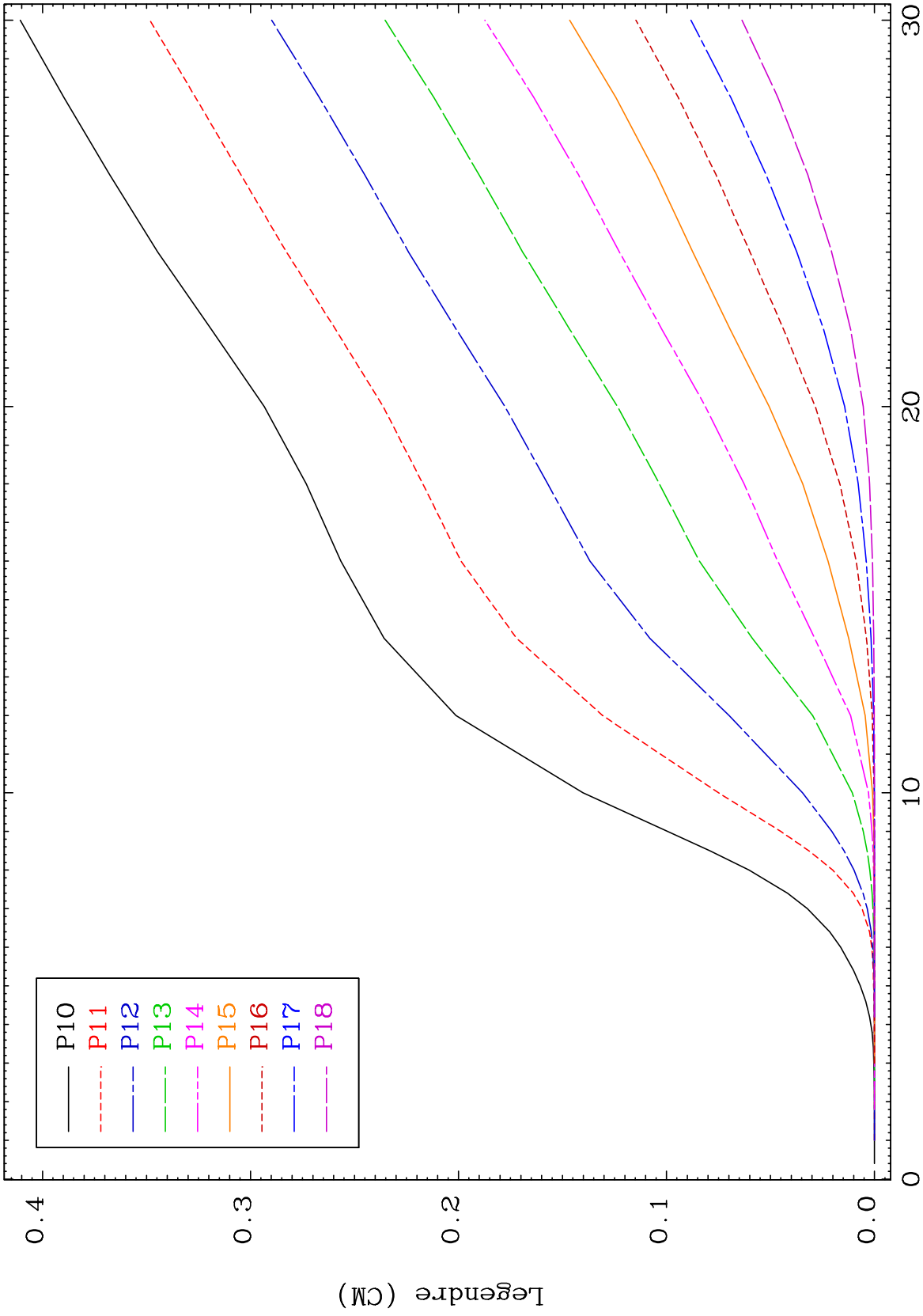
Incident Energy (MeV)

82-Pb-215

MAT 8258

Elastic Legendre Coefficients

82-Pb-215



15

Incident Energy (MeV)

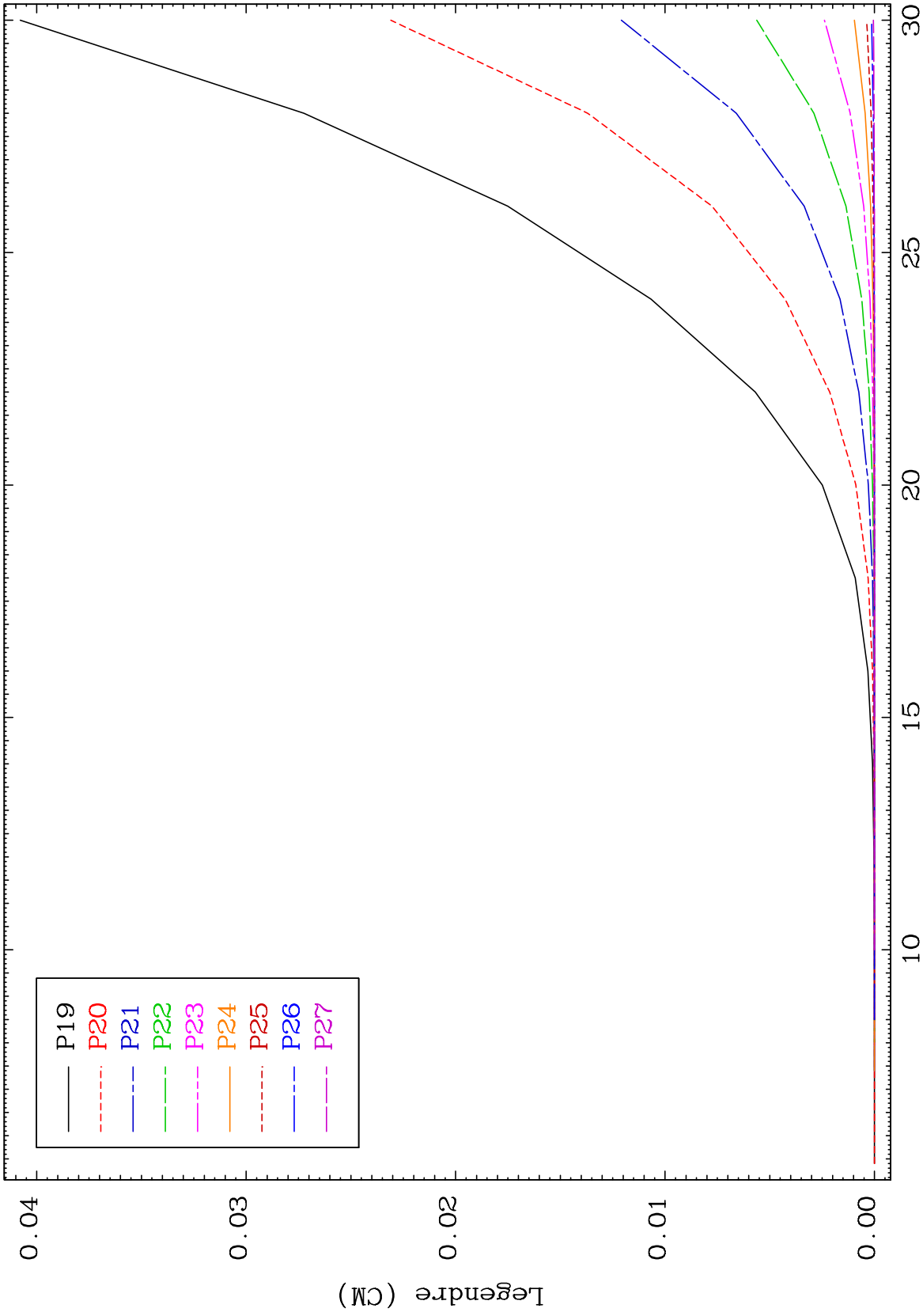
82-Pb-215

30

MAT 8258

Elastic Legendre Coefficients

82-Pb-215



16

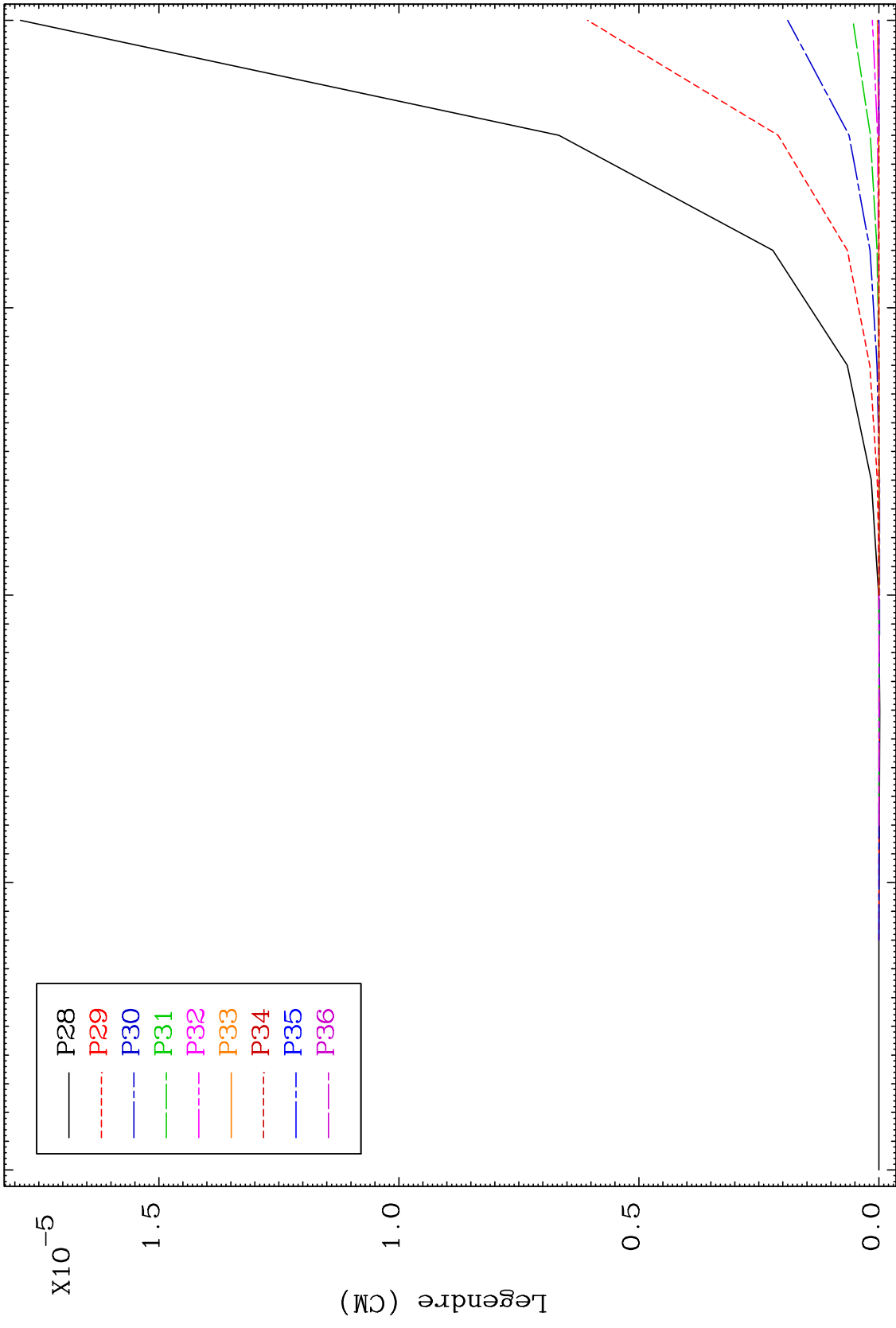
Incident Energy (MeV)

82-Pb-215

MAT 8258

Elastic Legendre Coefficients

82-Pb-215



17

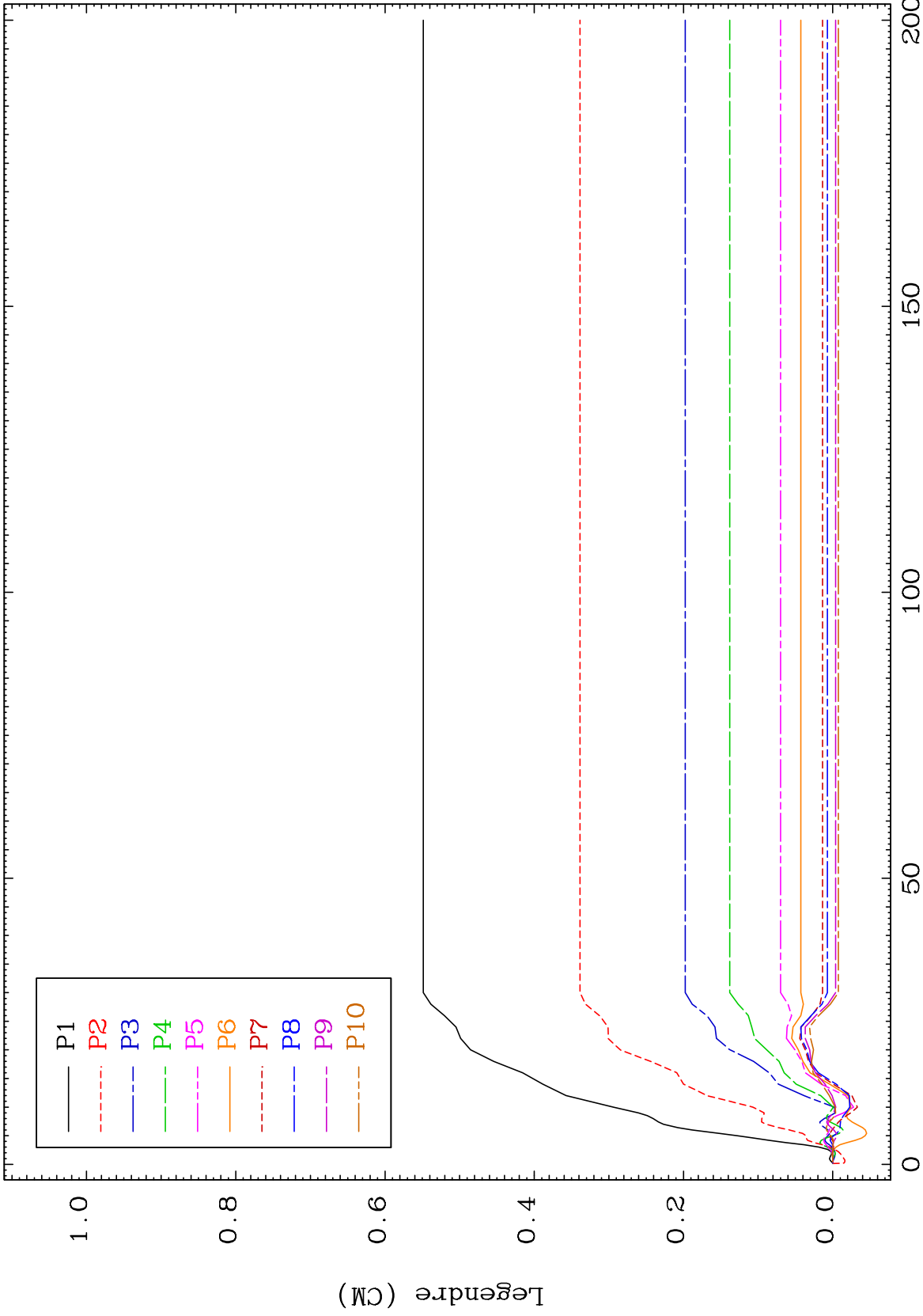
Incident Energy (MeV)

82-Pb-215

MAT 8258

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

82-Pb-215



18

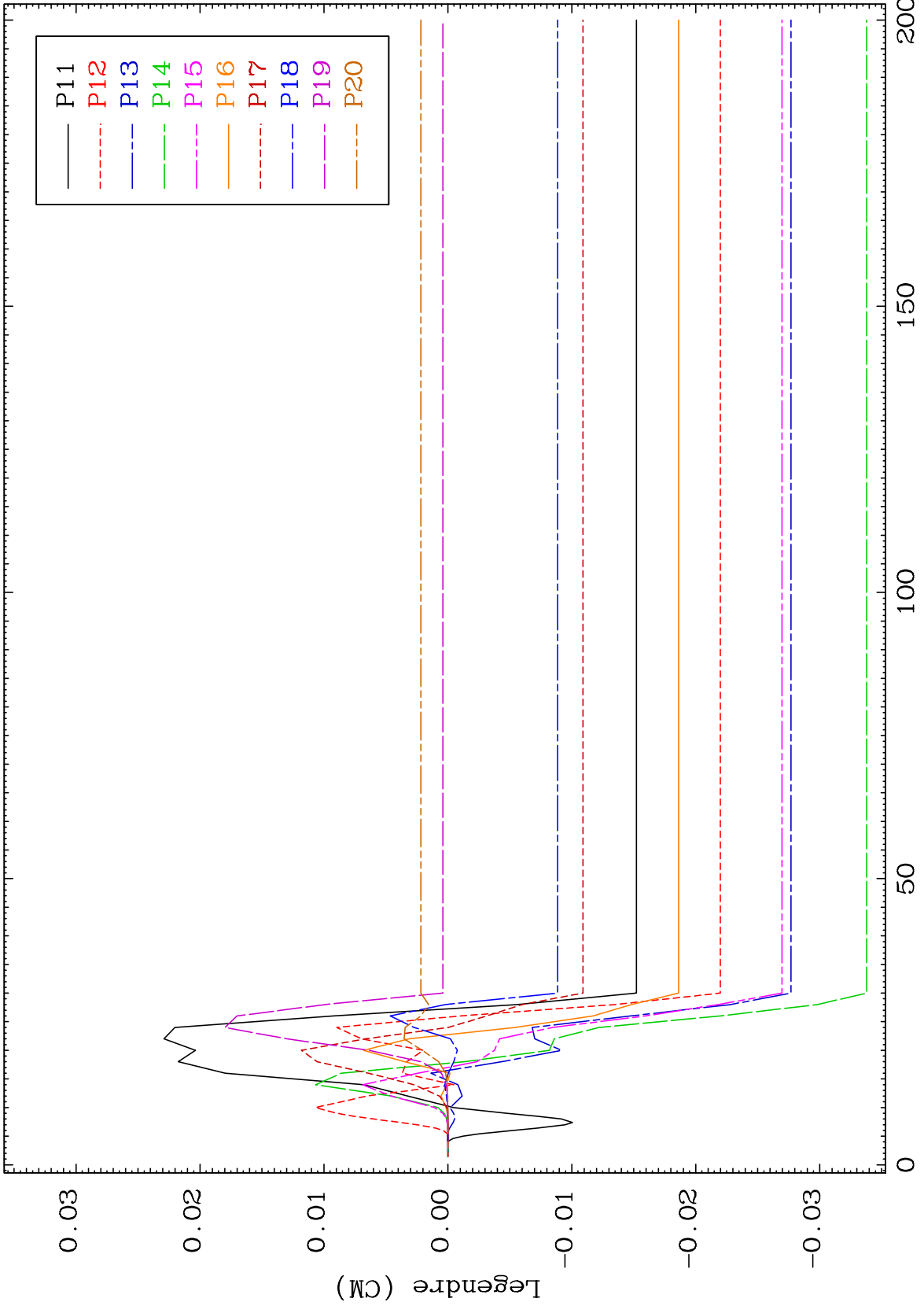
Incident Energy (MeV)

82-Pb-215

MAT 8258

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

82-Pb-215



19

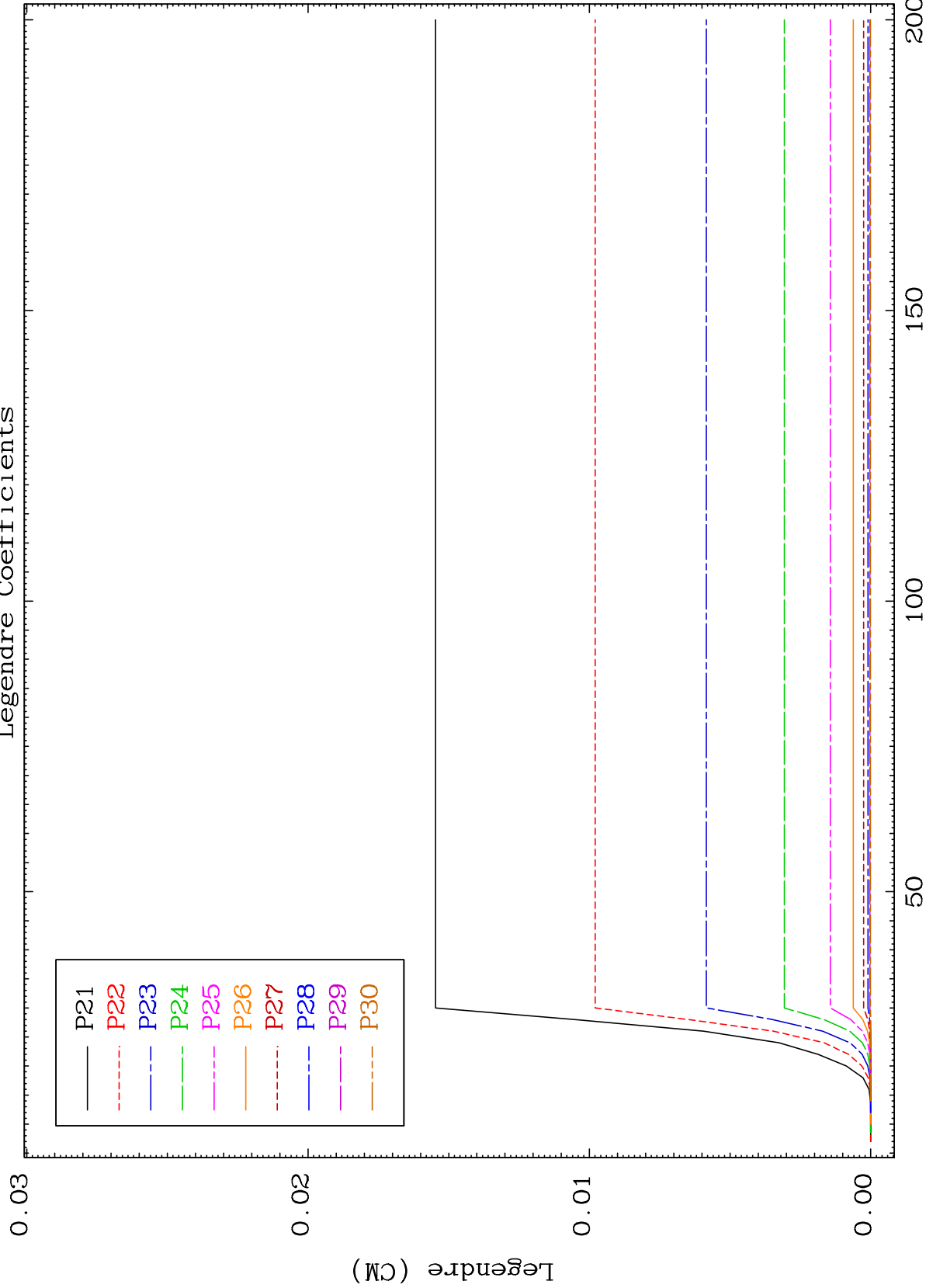
Incident Energy (MeV)

82-Pb-215

MAT 8258

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

82-Pb-215



20

50

100

150

200

Incident Energy (MeV)

82-Pb-215

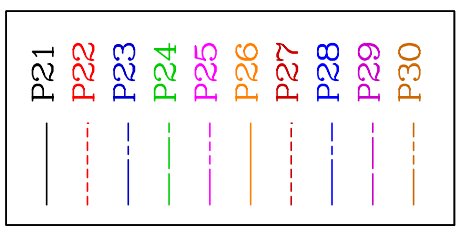
Legendre (CM)

0.03

0.02

0.01

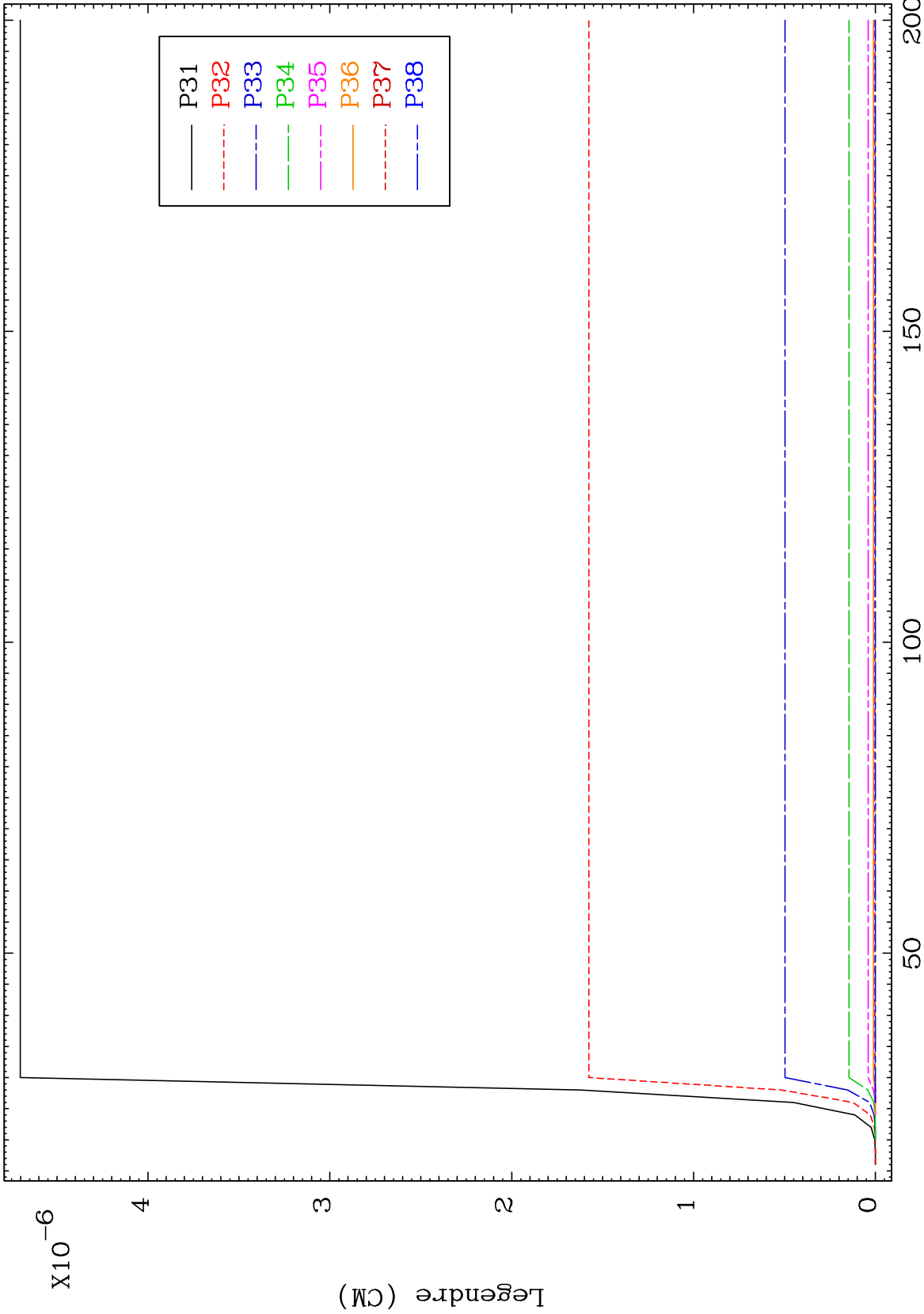
0.00



MAT 8258

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

82-Pb-215



21

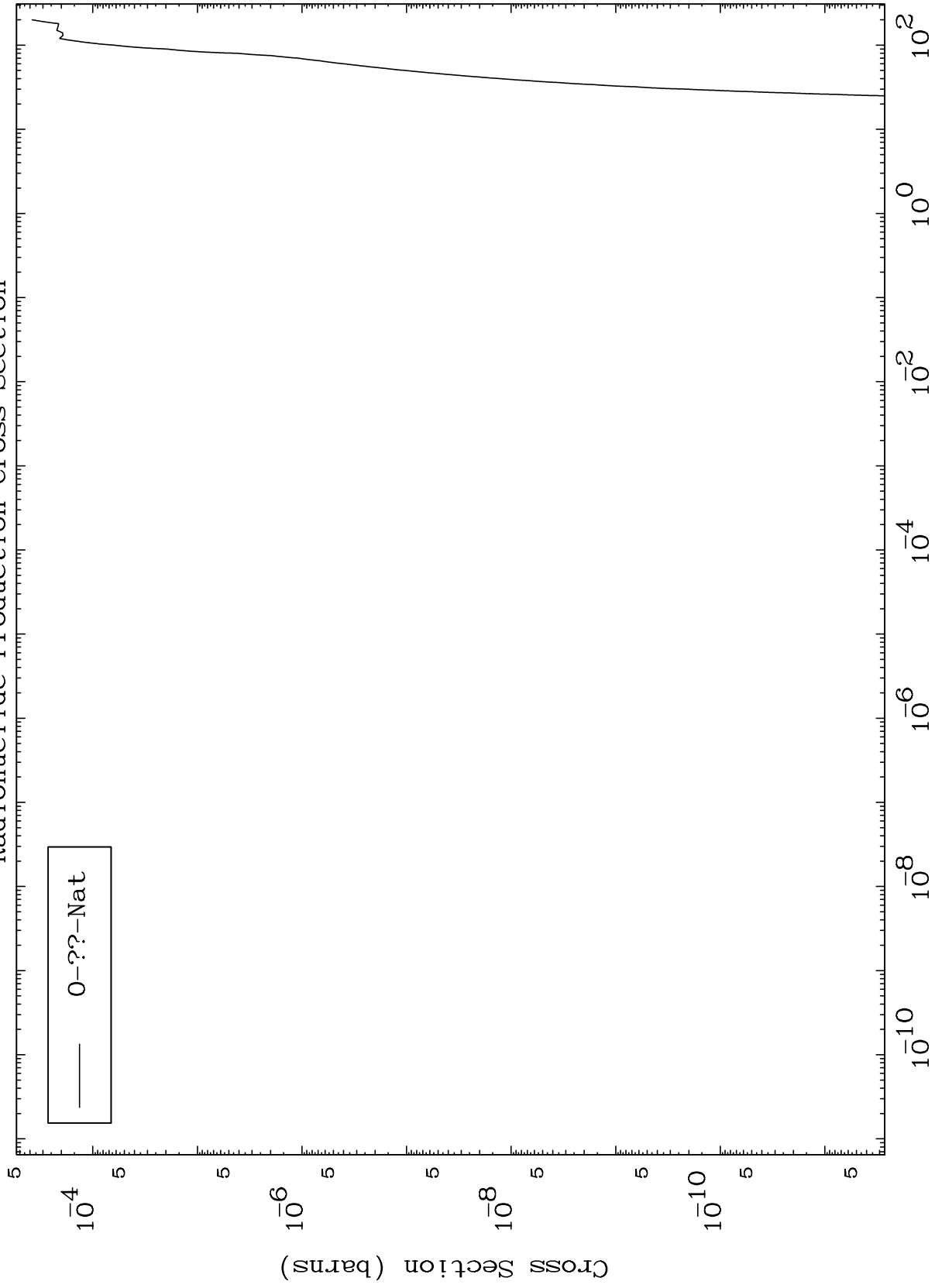
Incident Energy (MeV)

82-Pb-215

MAT 8258

Fission
Radionuclide Production Cross Section

82-Pb-215



22

82-Pb-215