

Program EVALPLOT
(Version 2017-1)

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

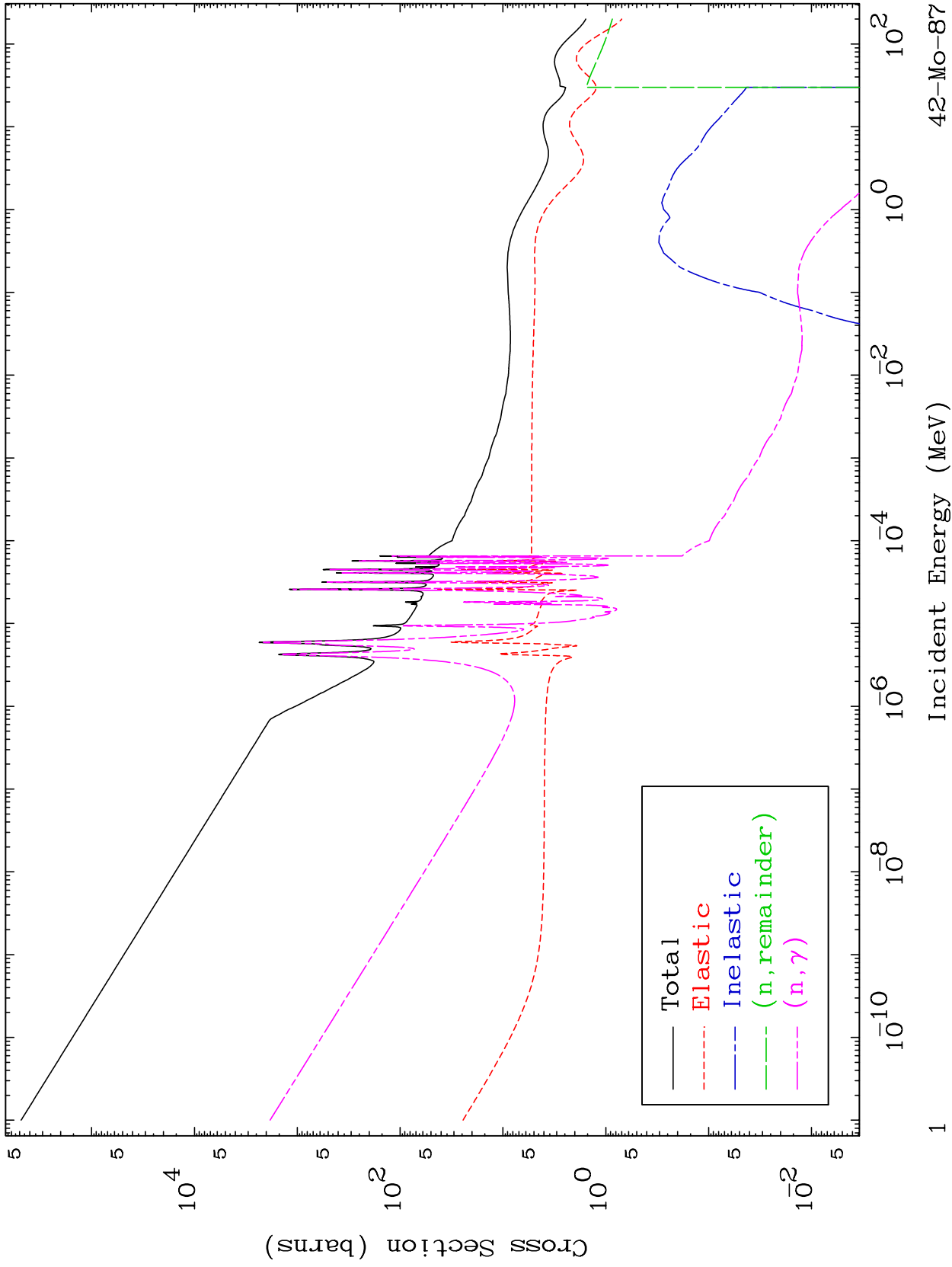
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

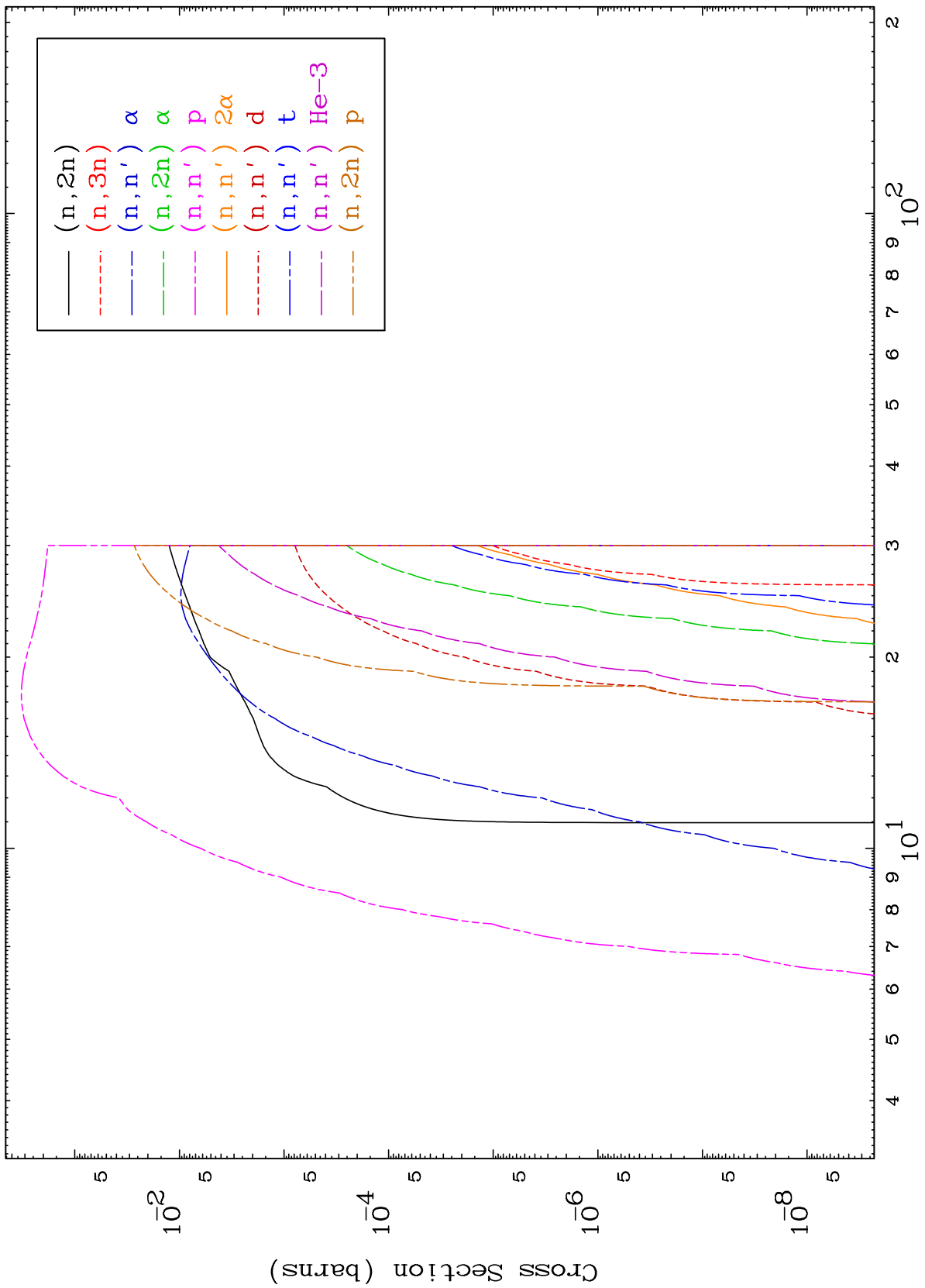
MAT 4210

Major
293 Kelvin Cross Sections

42-Mo-87



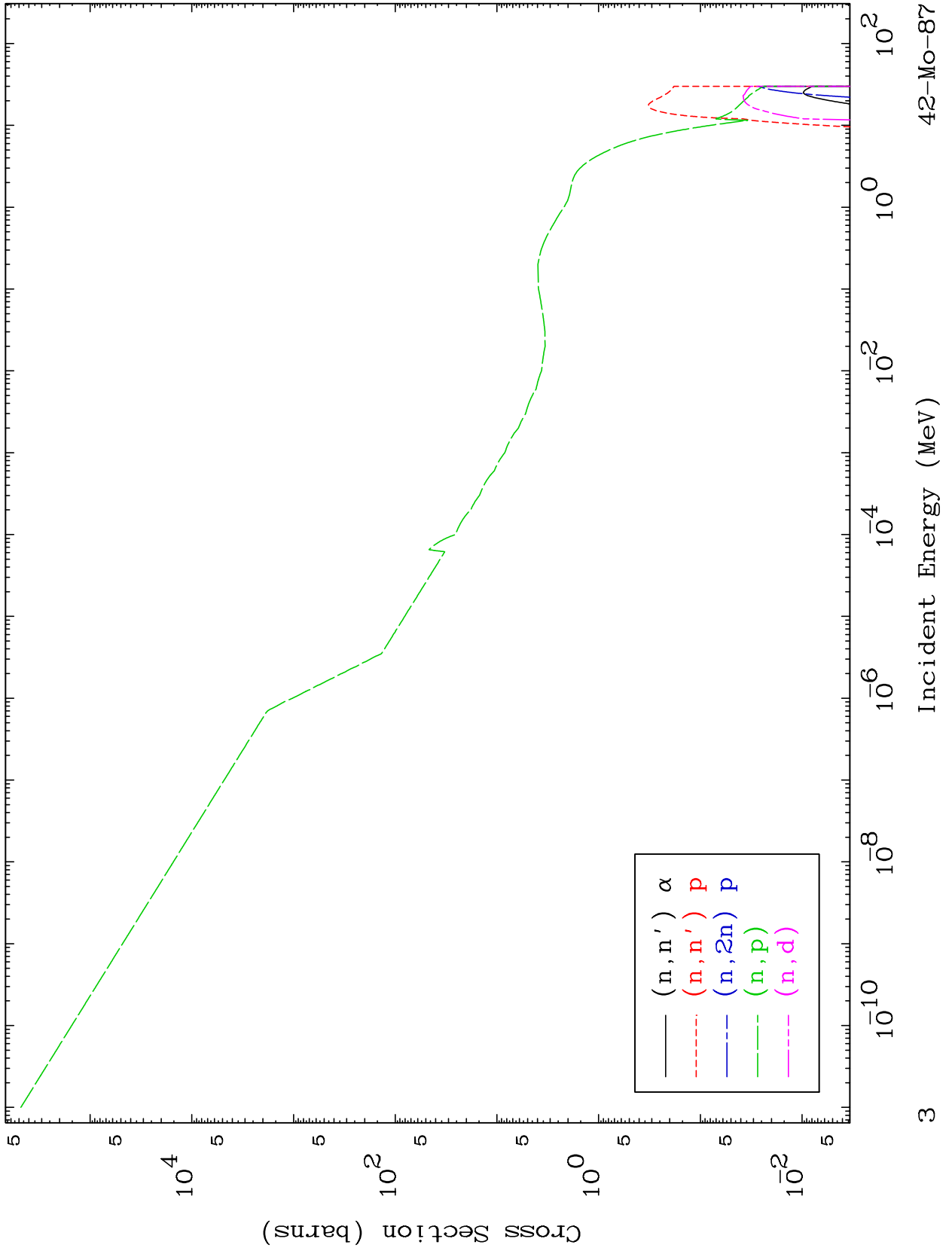
Neutron Production
293 Kelvin Cross Sections



MAT 4210

Charged Particle
293 Kelvin Cross Sections

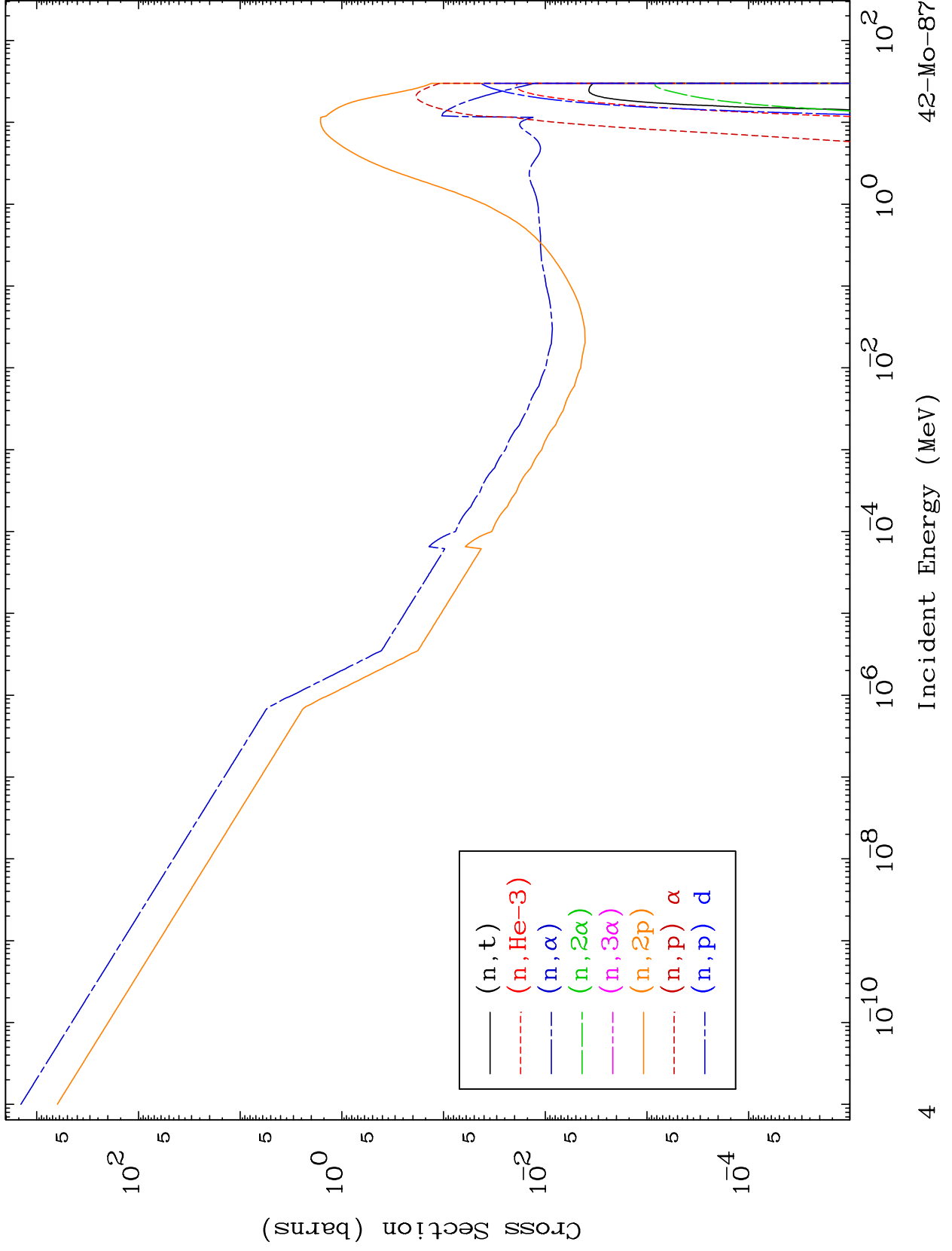
42-Mo-87

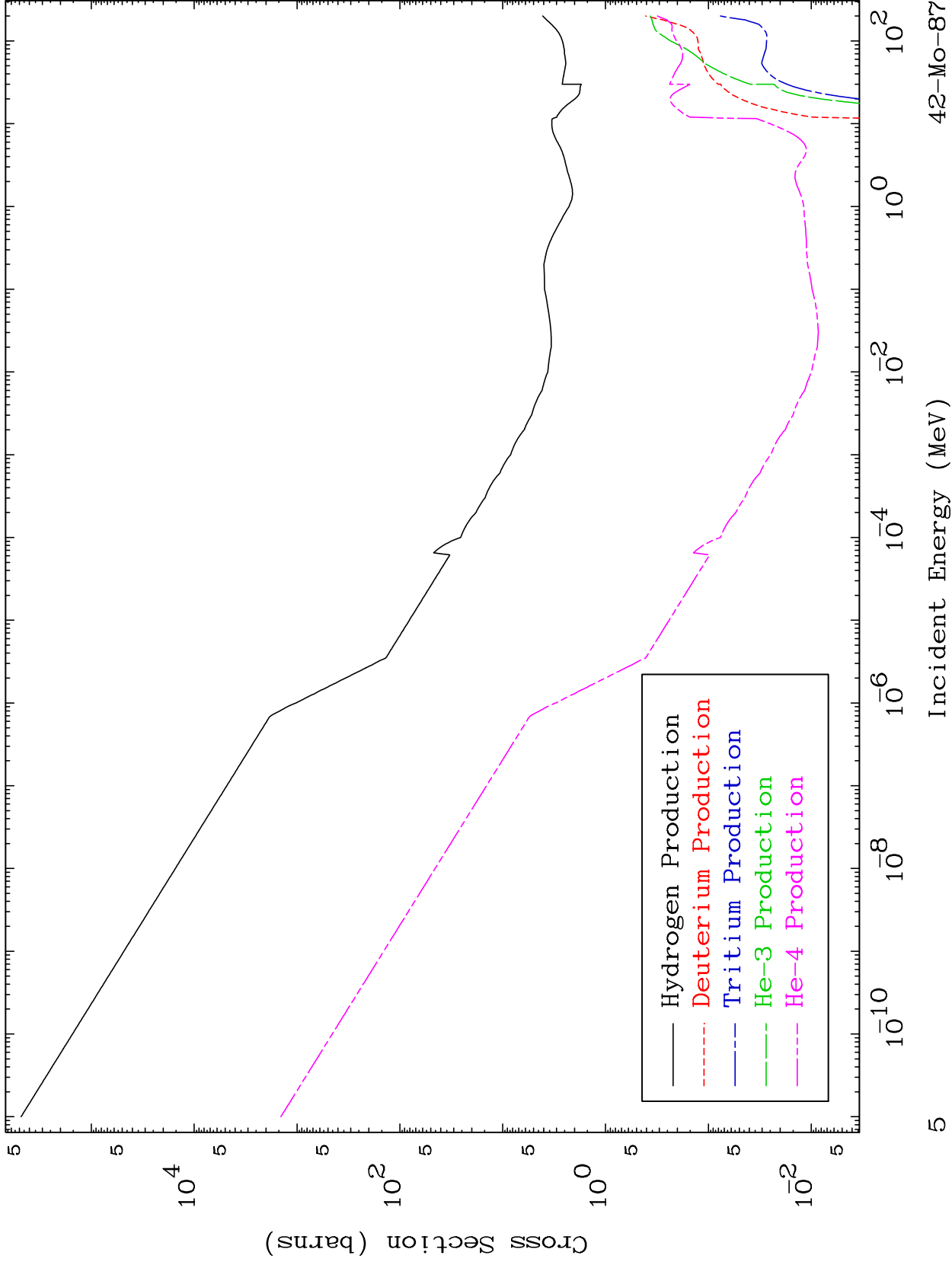


MAT 4210

Charged Particle
293 Kelvin Cross Sections

42-Mo-87



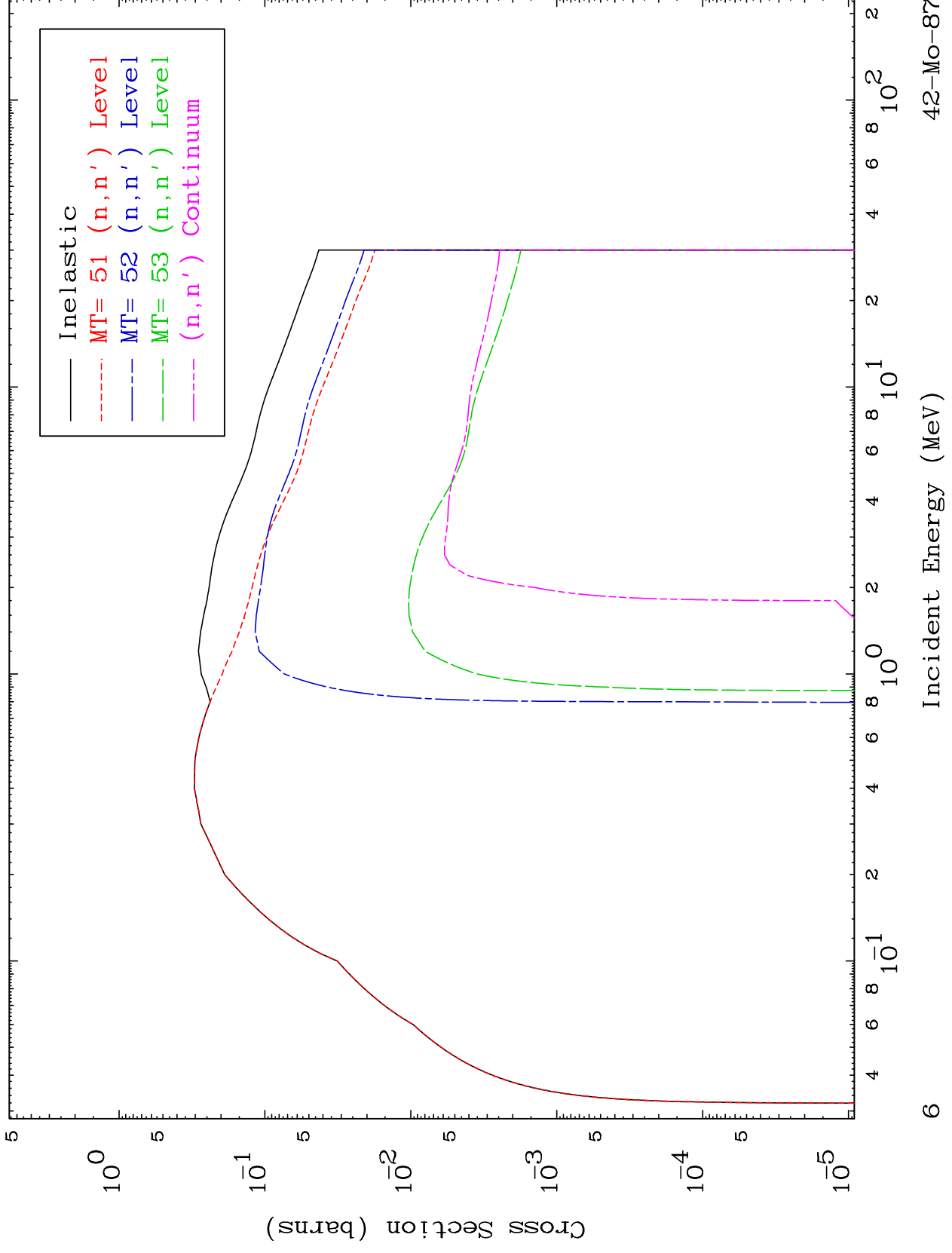


MAT 4210

(n,n') Level

42-Mo-87

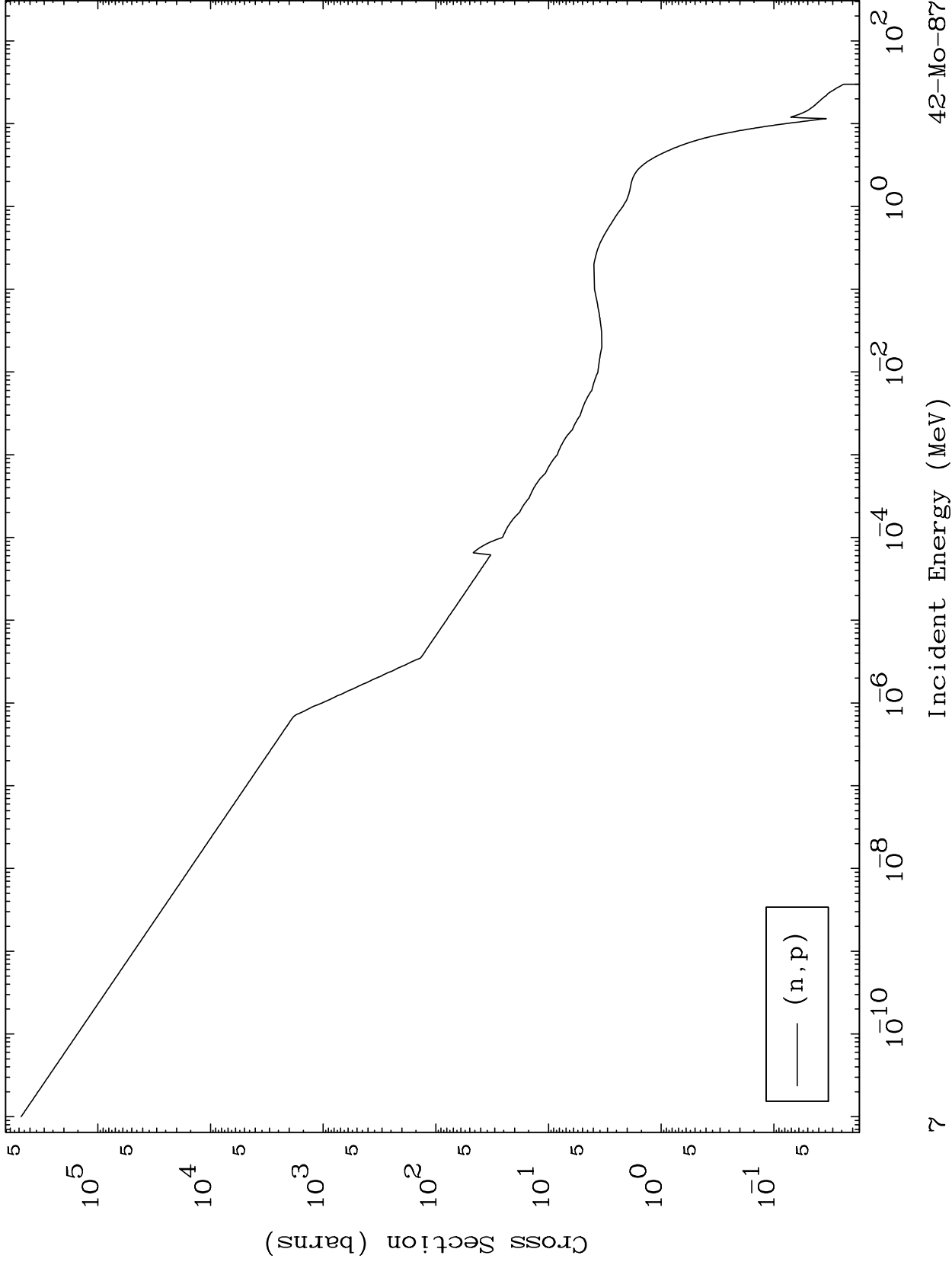
293 Kelvin Cross Sections



MAT 4210

(n,p) Levels
293 Kelvin Cross Sections

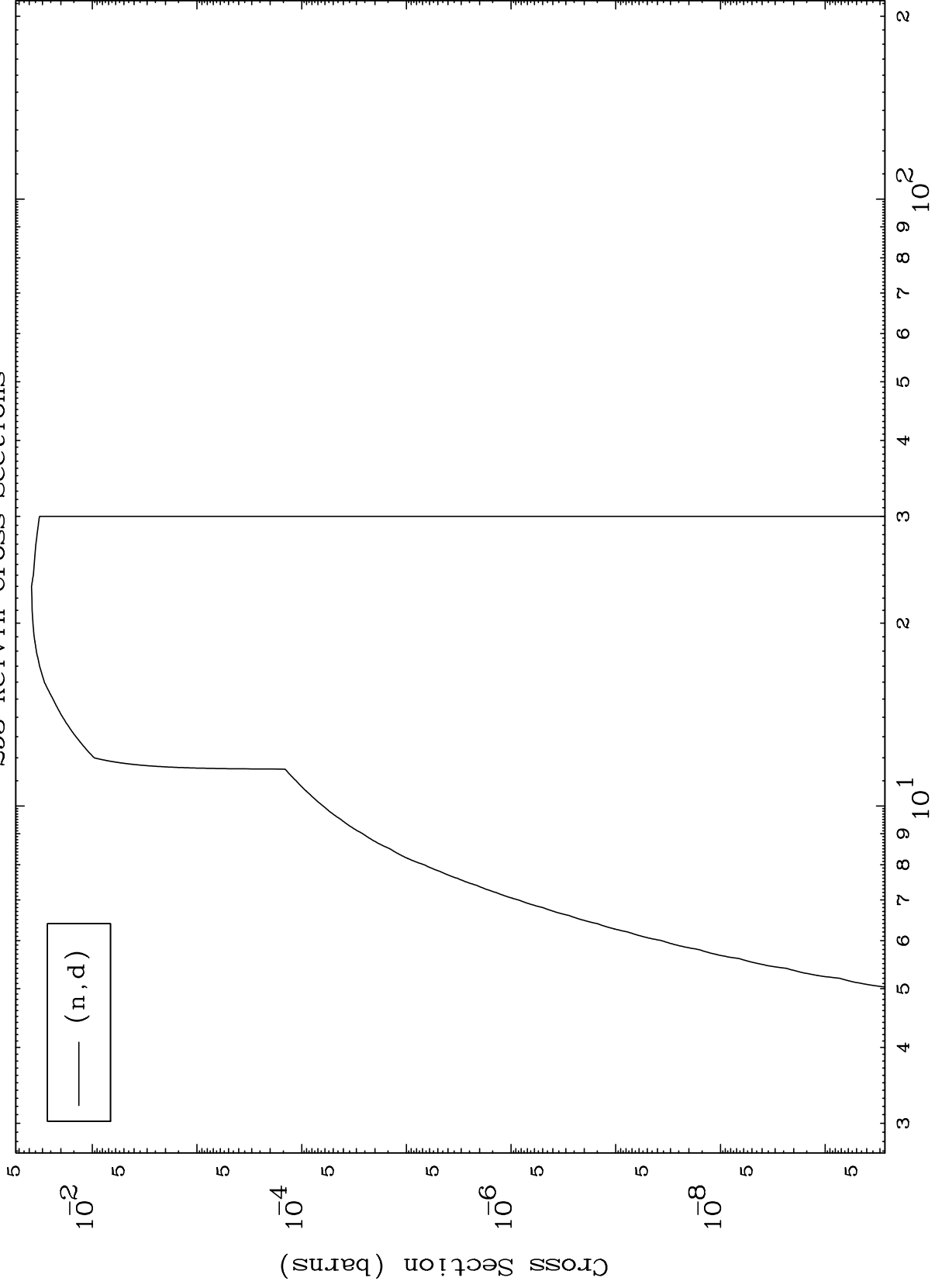
42-Mo-87



MAT 4210

(n,d) Levels
293 Kelvin Cross Sections

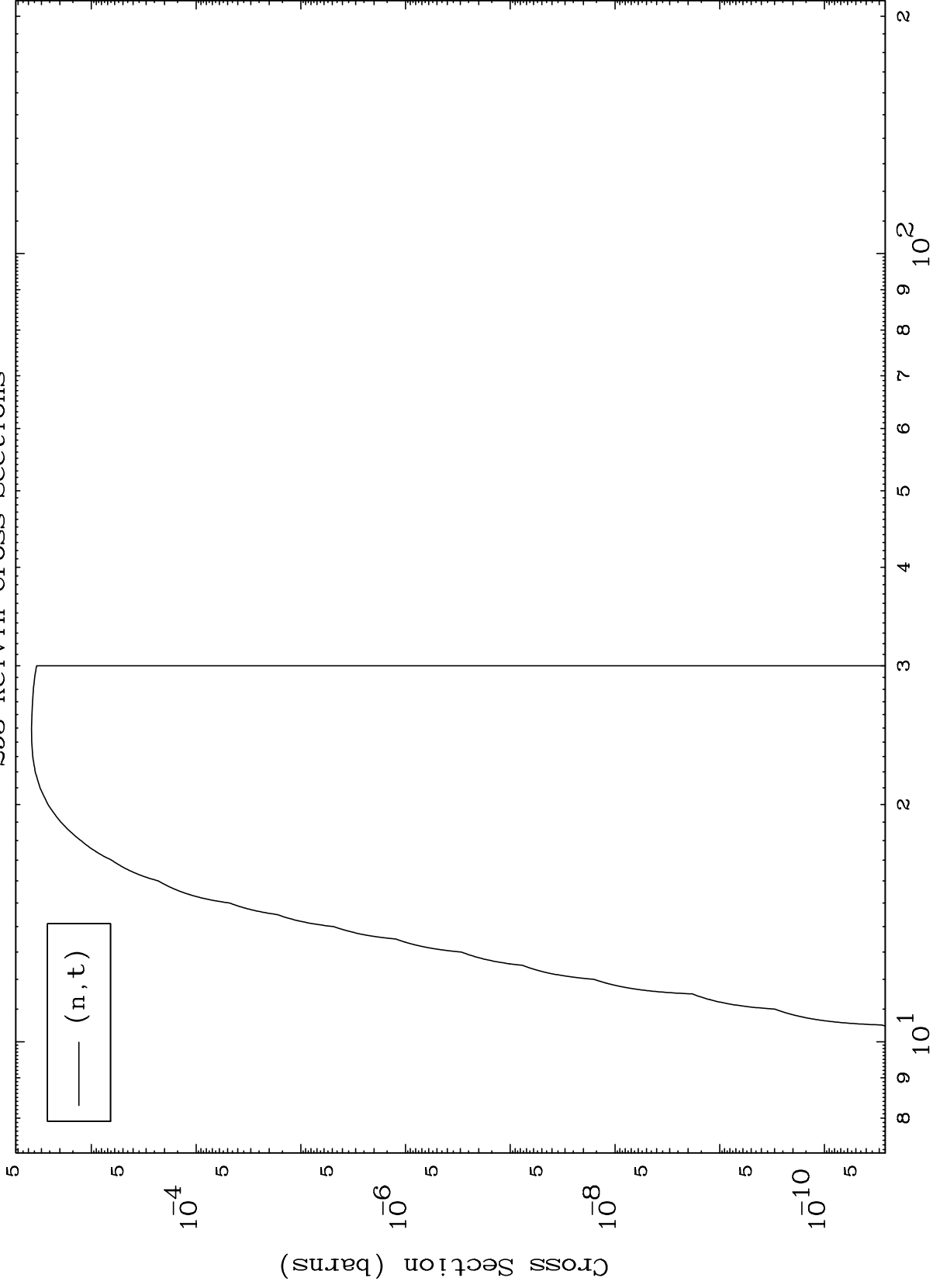
42-Mo-87



MAT 4210

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-87



9

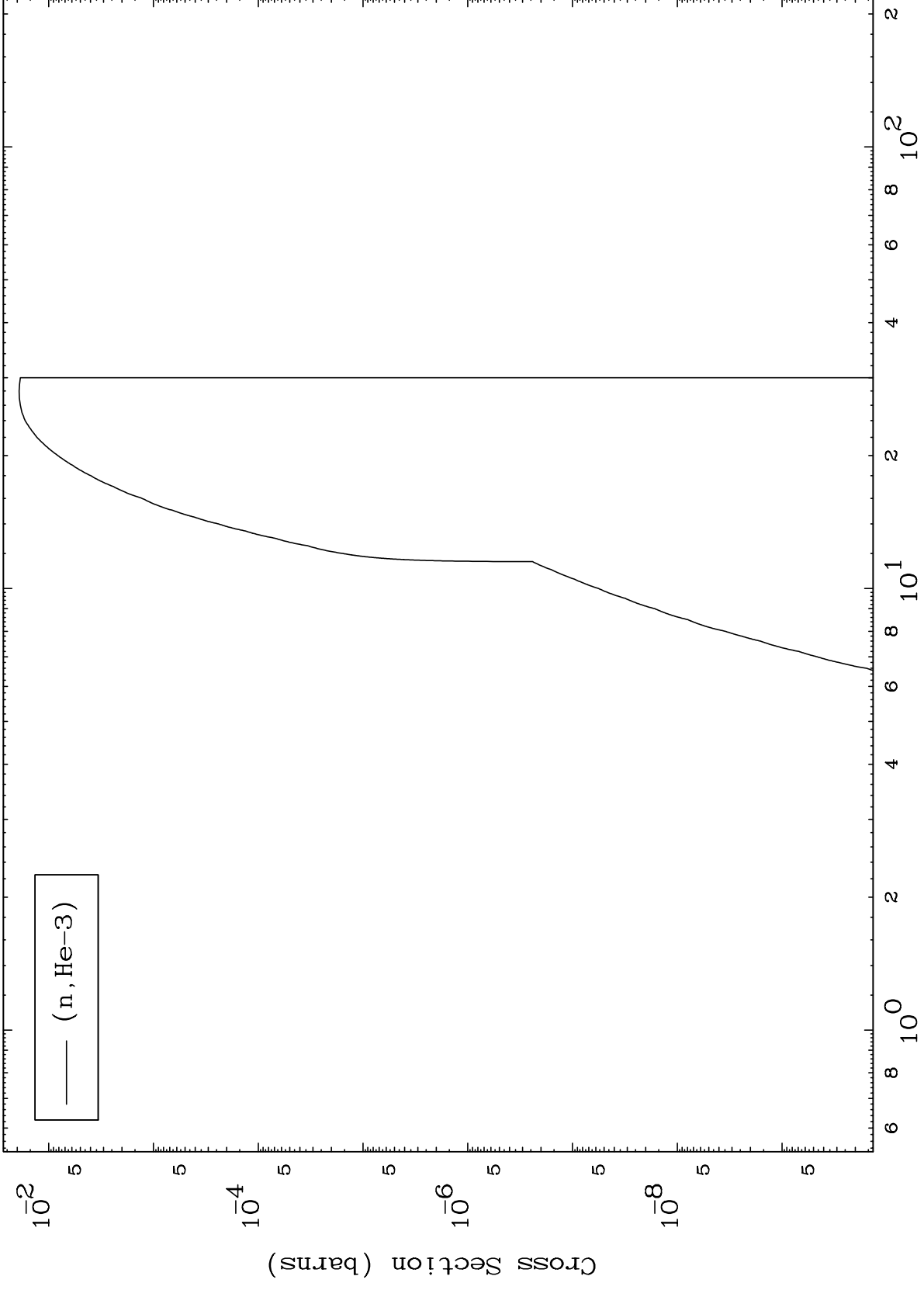
Incident Energy (MeV)

42-Mo-87

MAT 4210

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-87



10

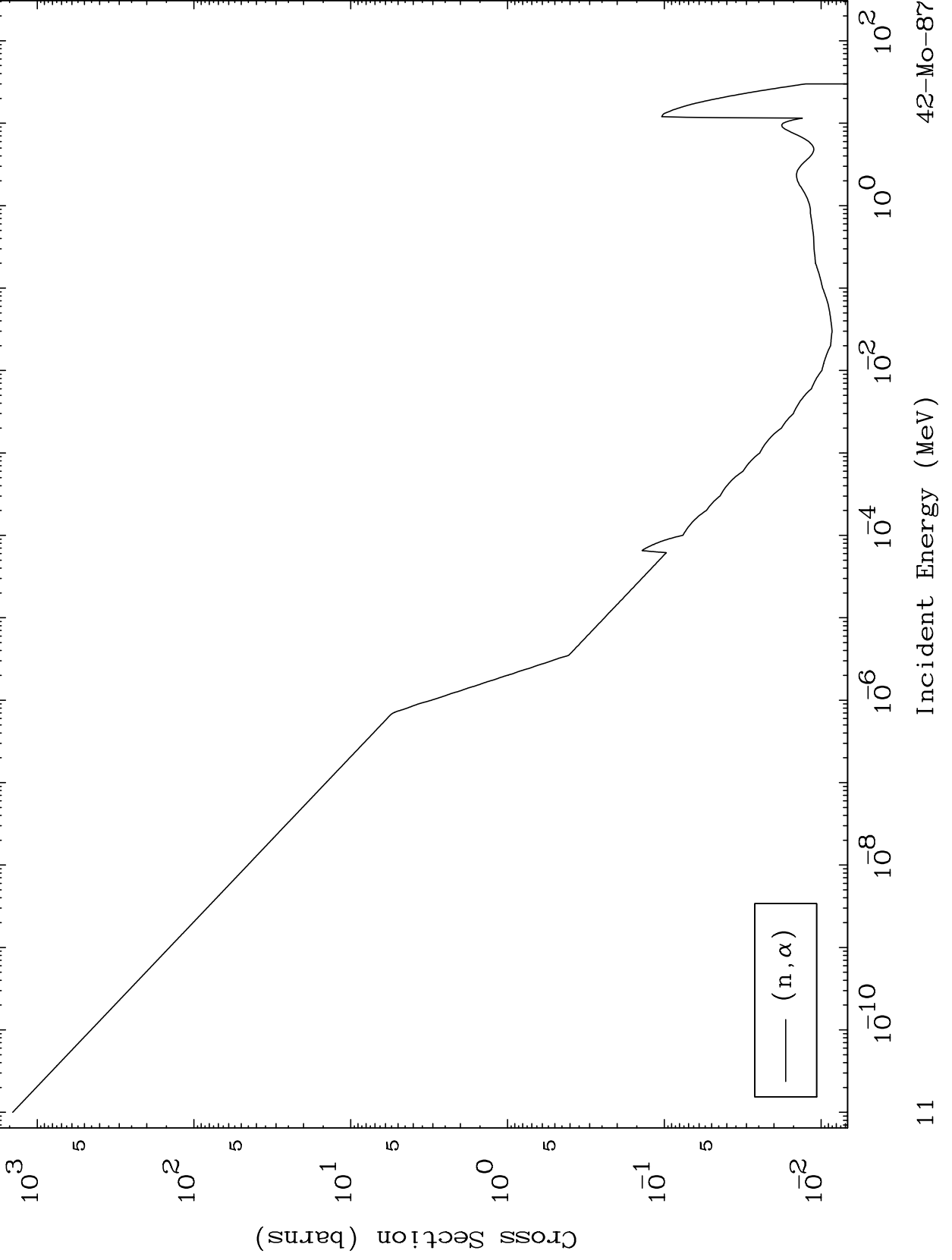
Incident Energy (MeV)

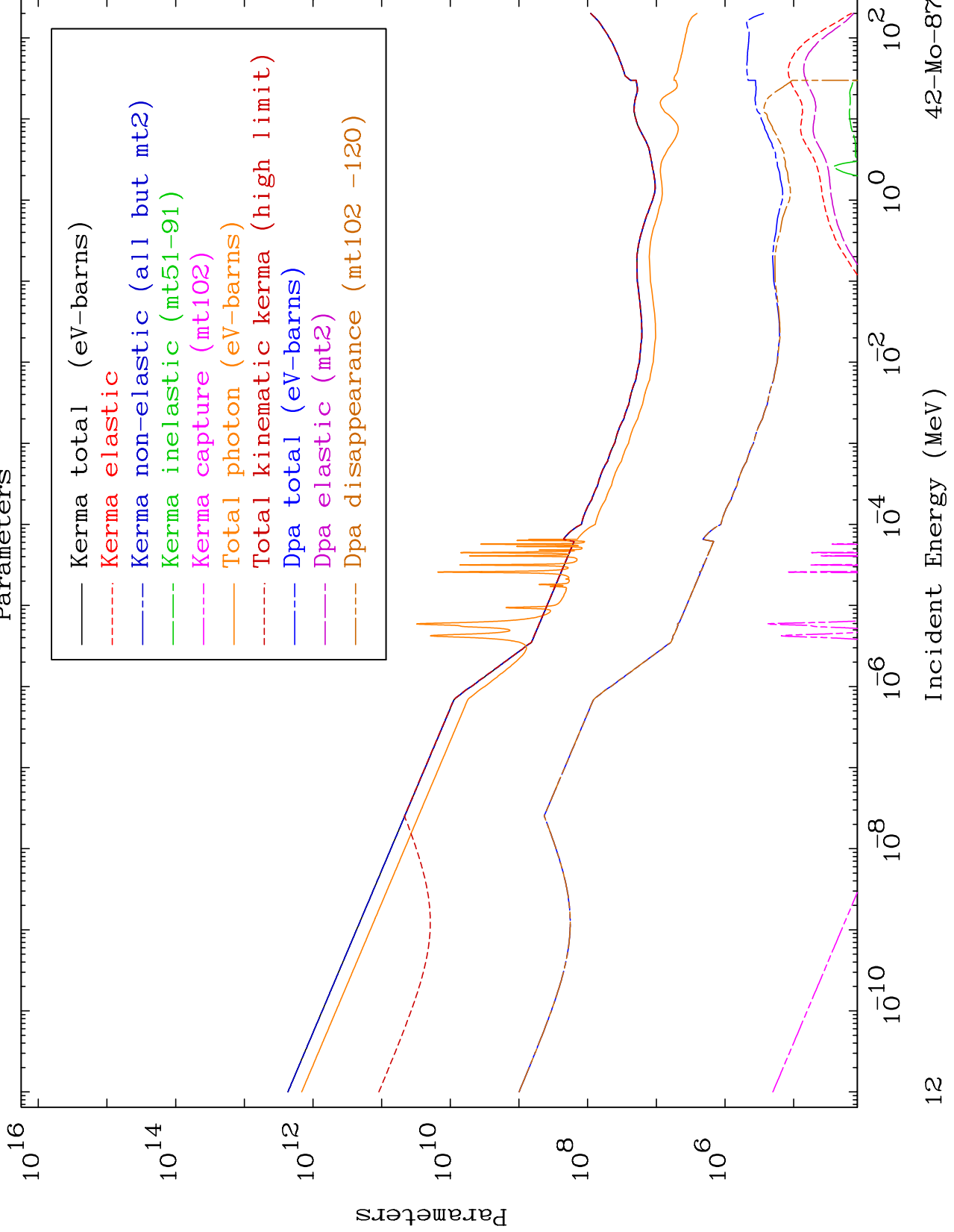
42-Mo-87

MAT 4210

(n, α) Levels
293 Kelvin Cross Sections

42-Mo-87

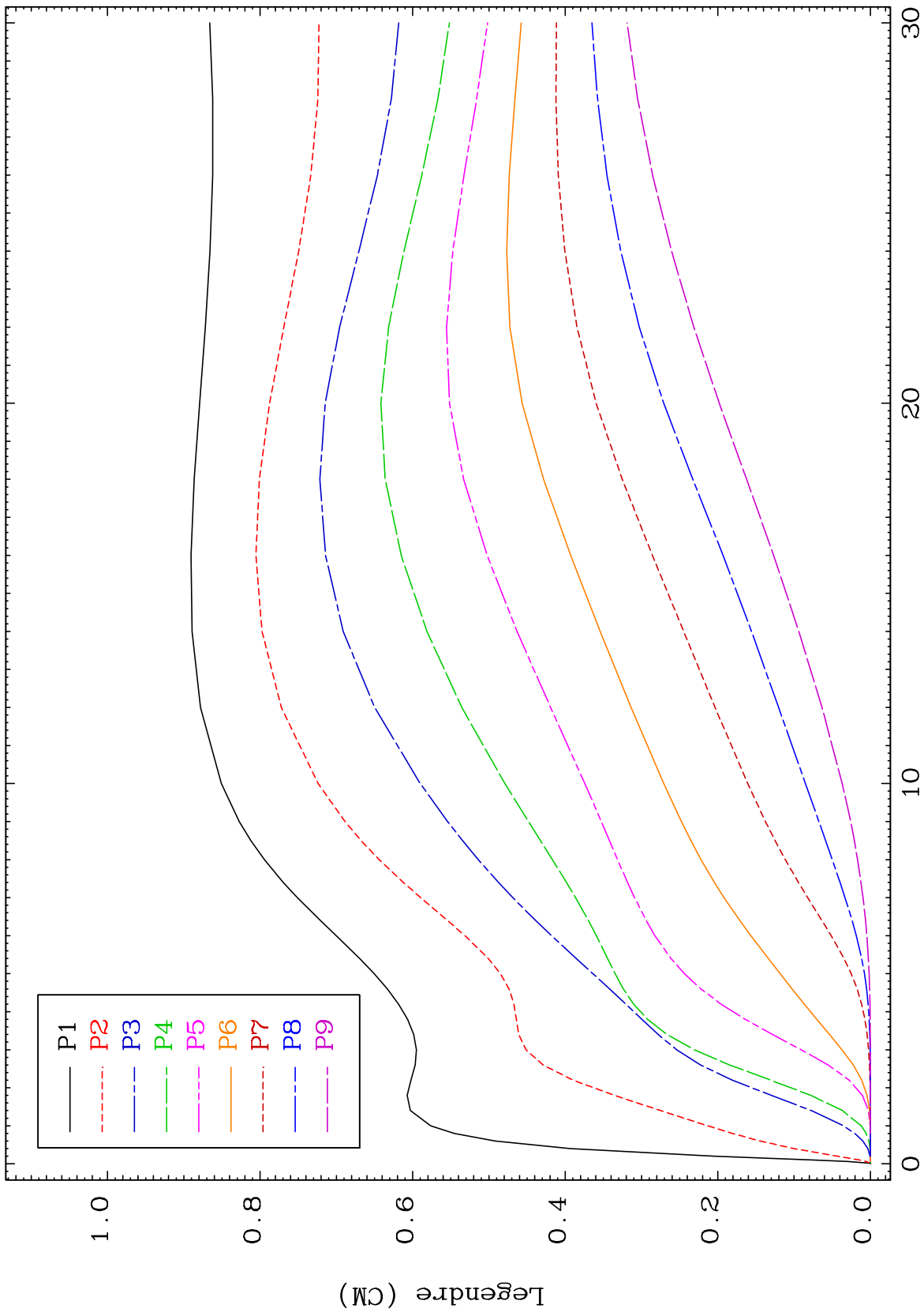




MAT 4210

Elastic Legendre Coefficients

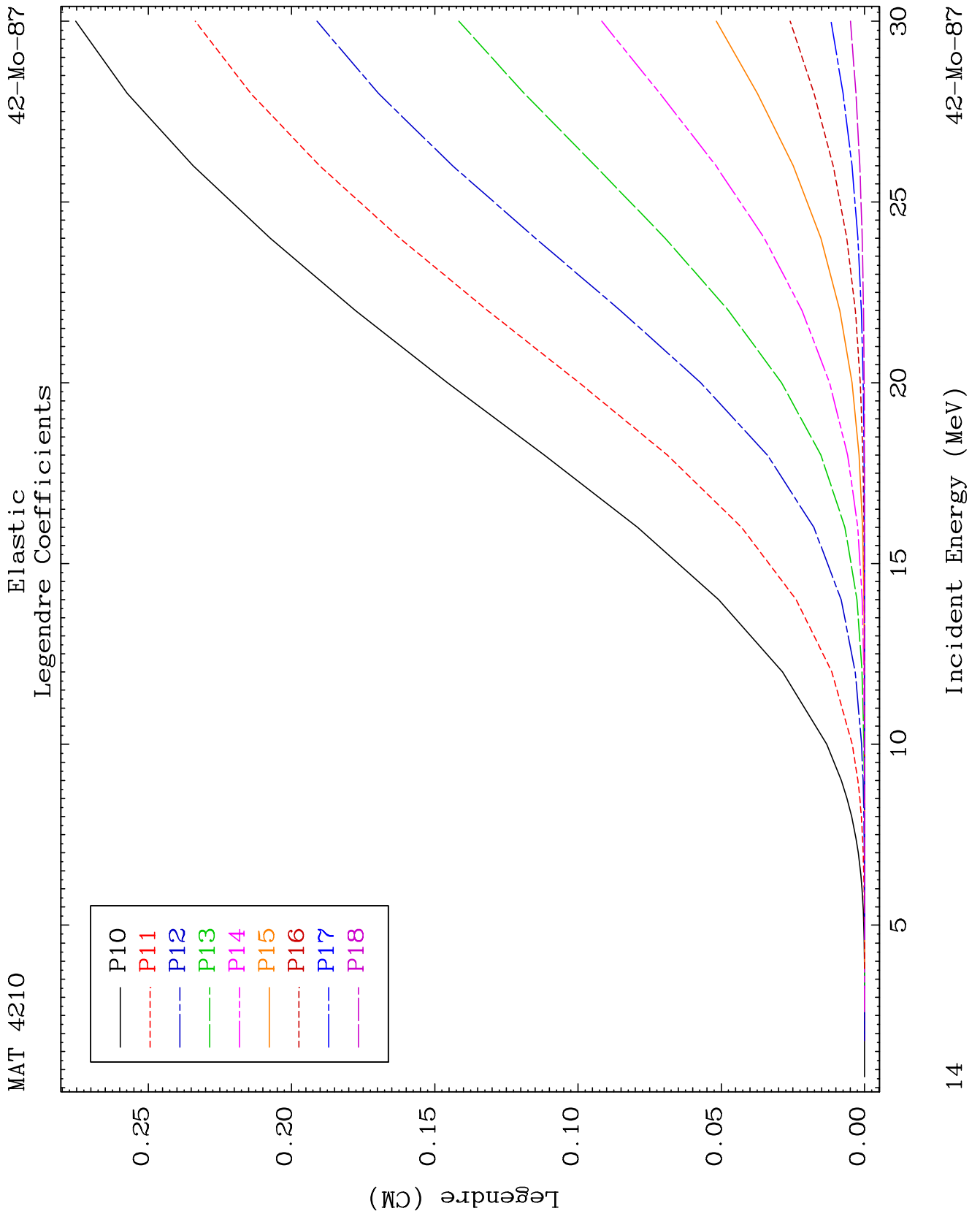
42-Mo-87

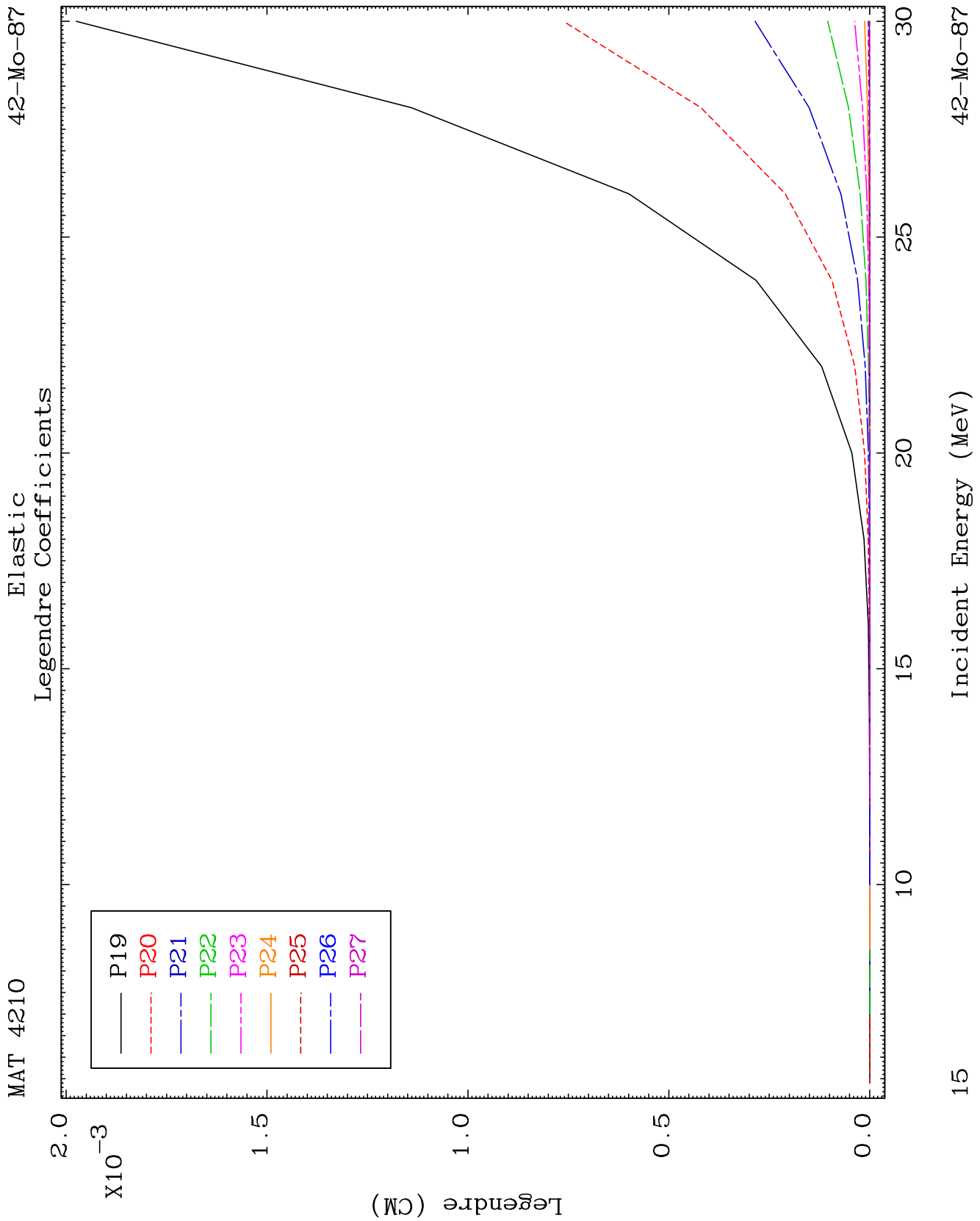


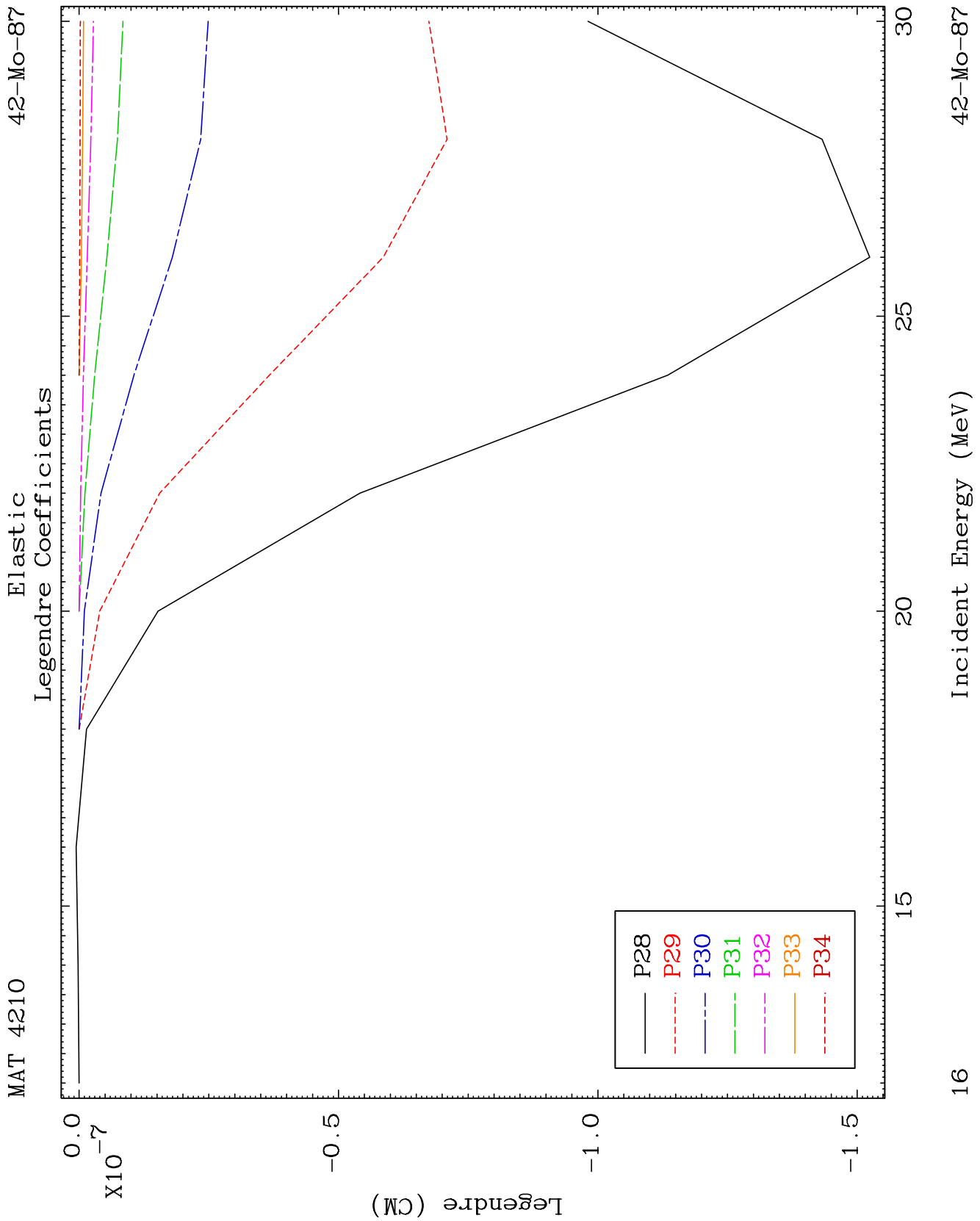
13

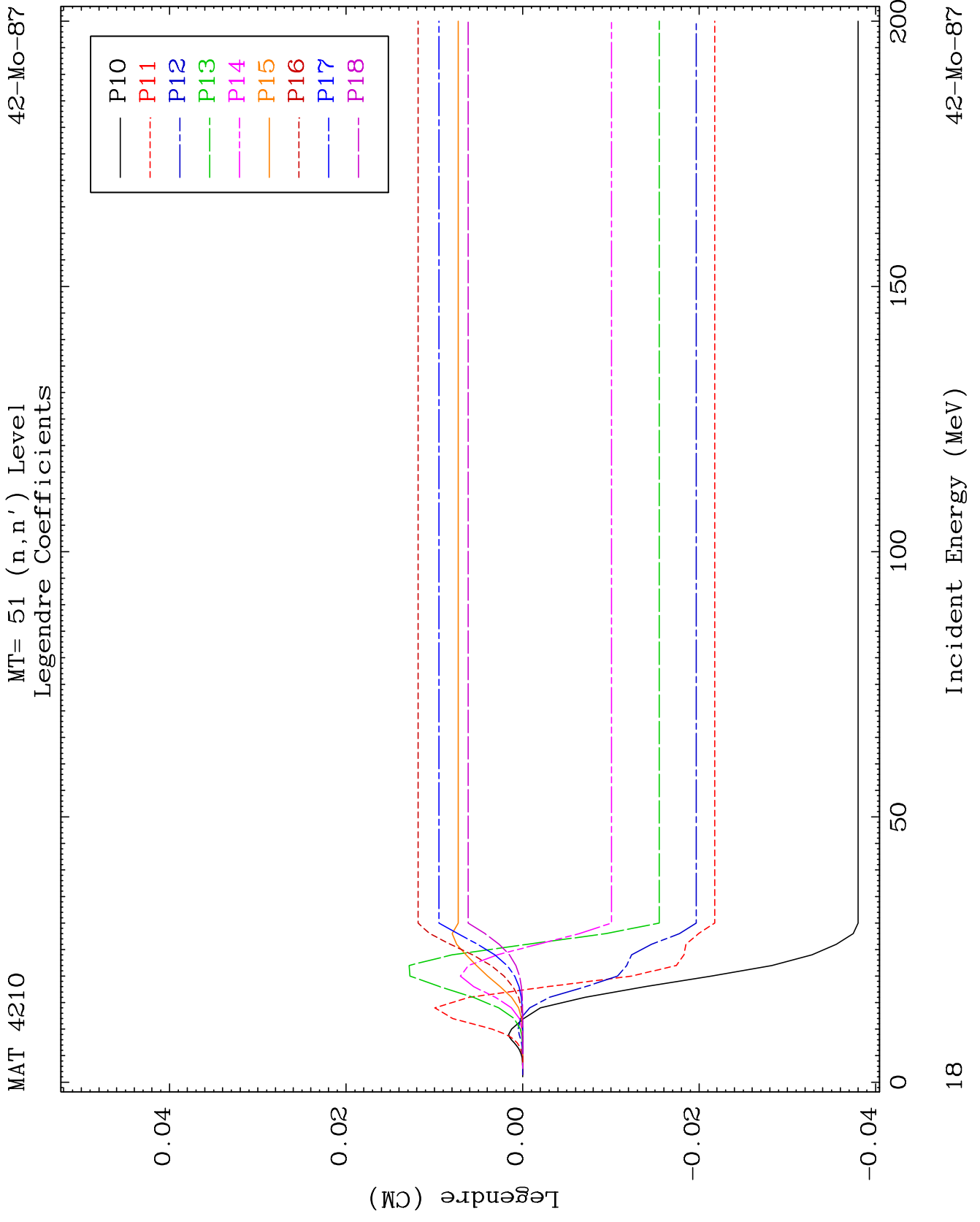
Incident Energy (MeV)

42-Mo-87





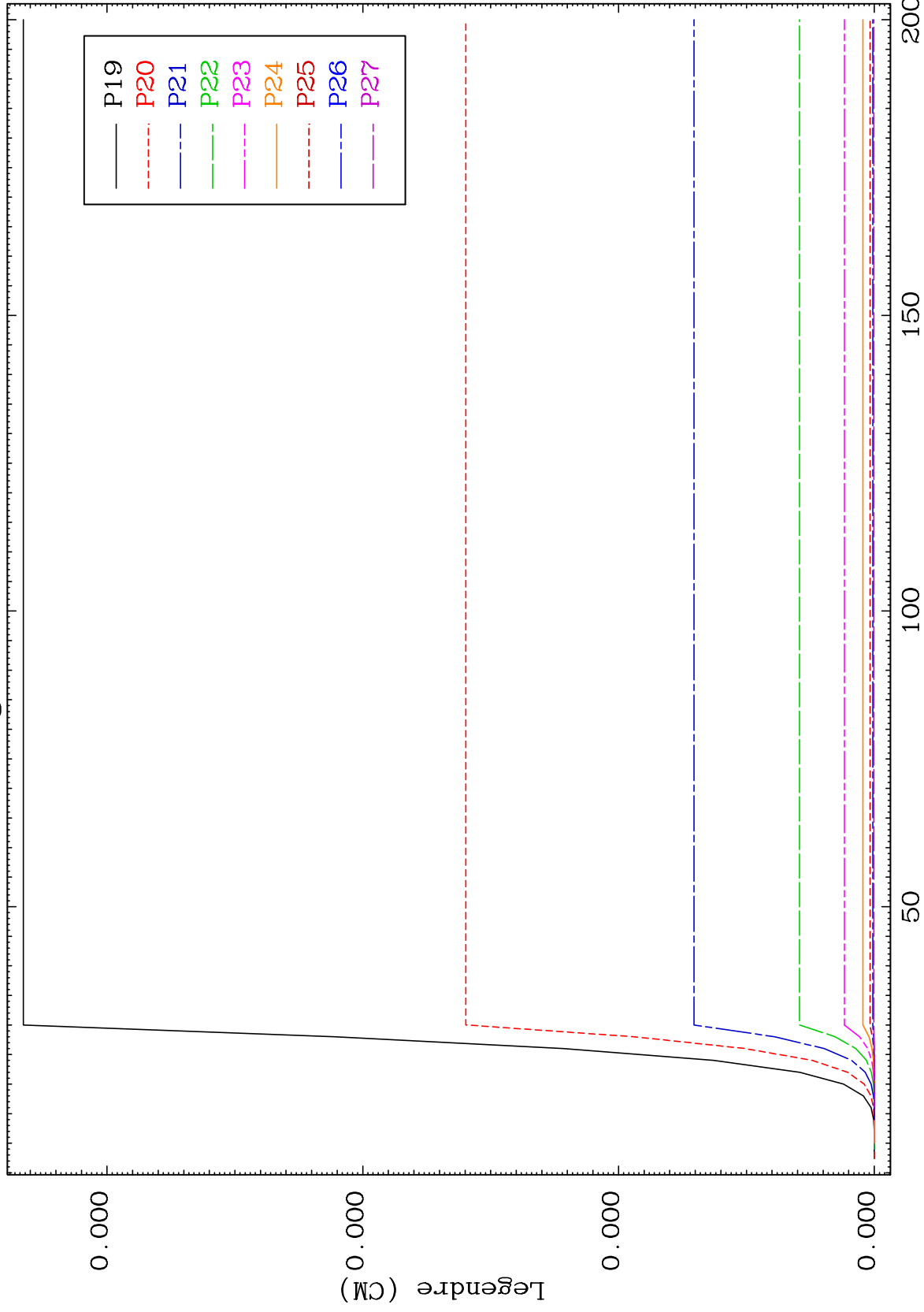




MAT 4210

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

42-Mo-87



19

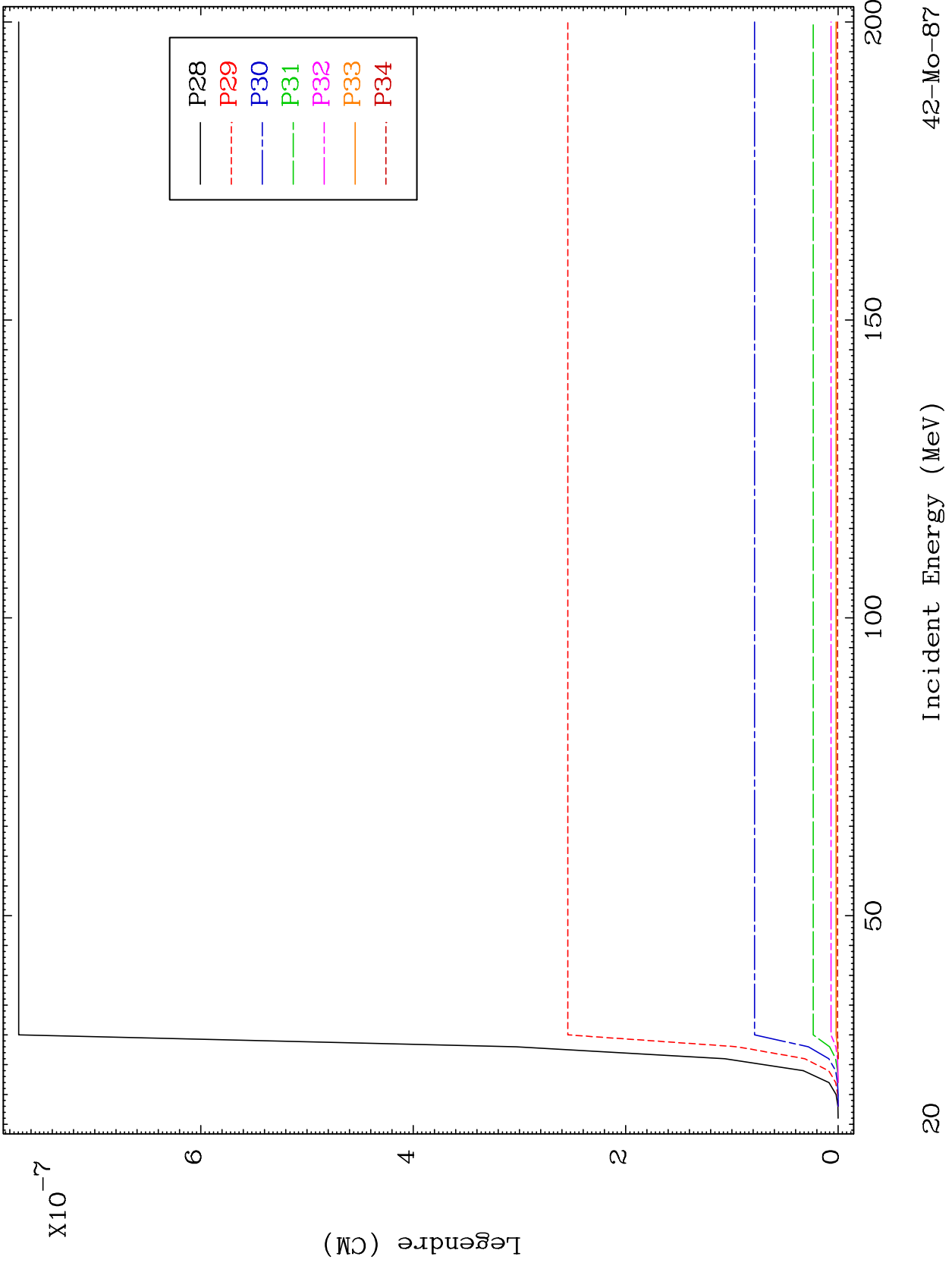
Incident Energy (MeV)

42-Mo-87

MAT 4210

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

42-Mo-87



42-Mo-87

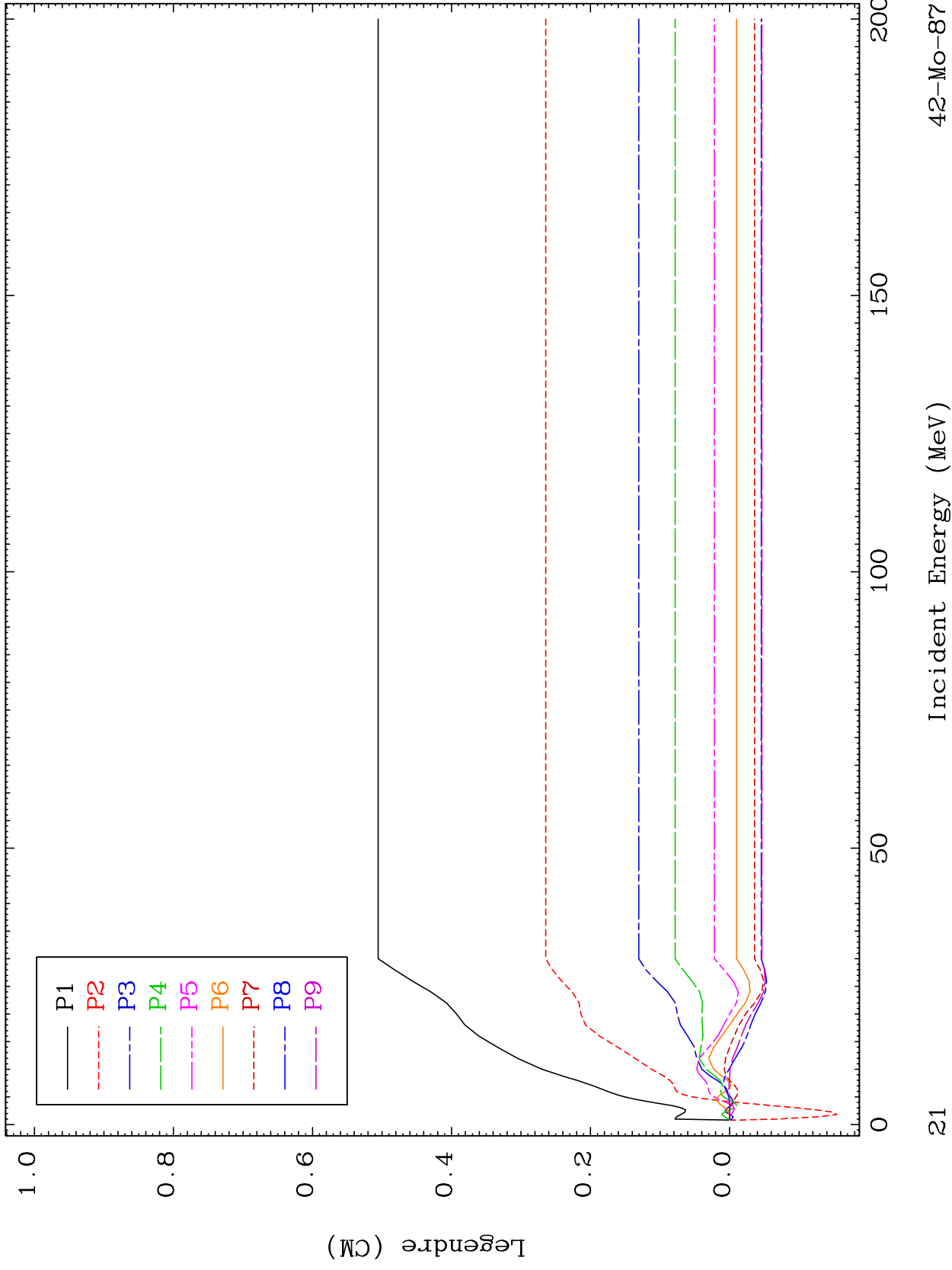
Incident Energy (MeV)

20

MAT 4210

MT= 52 (n,n') Level
Legendre Coefficients

42-Mo-87



21

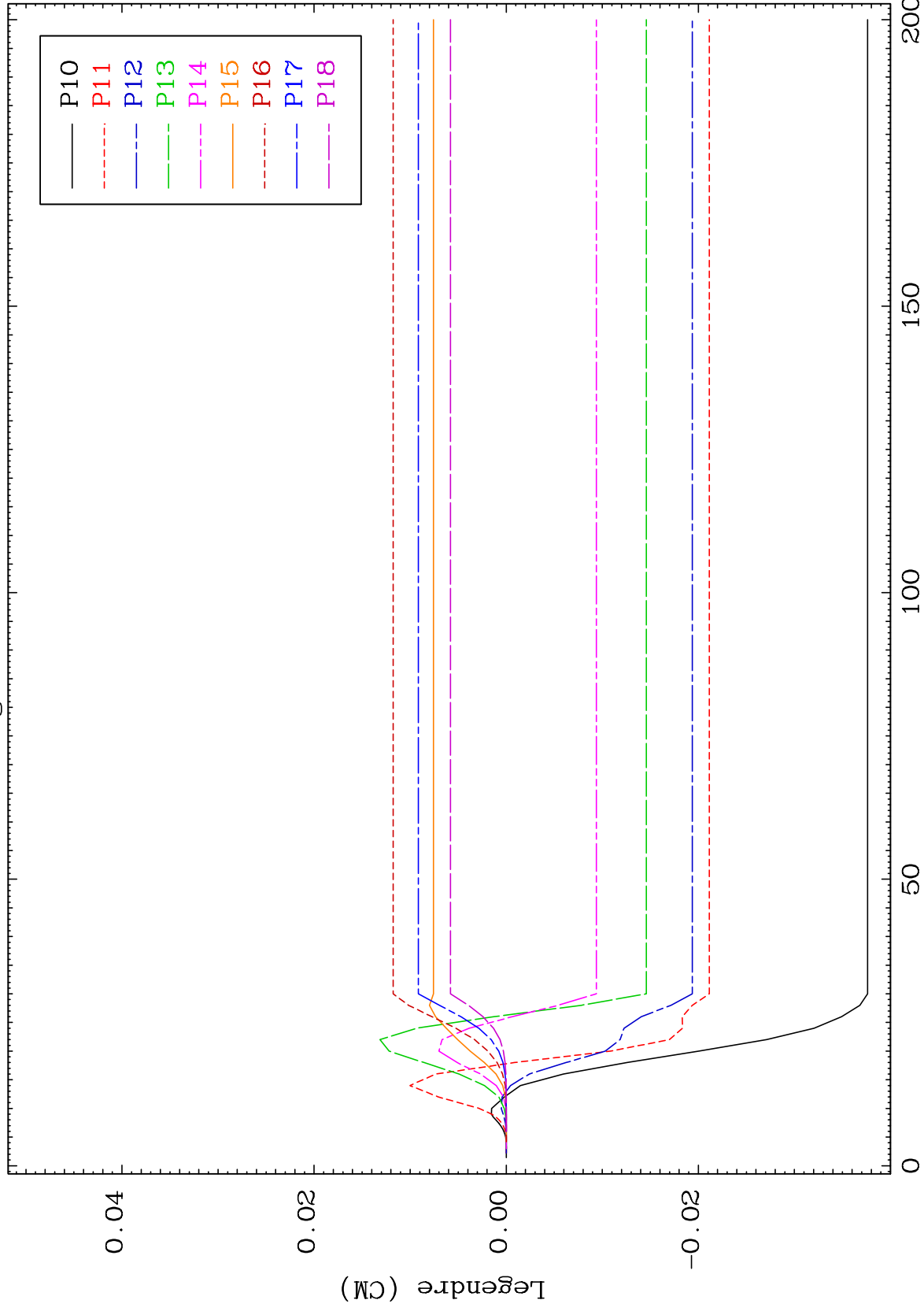
Incident Energy (MeV)

42-Mo-87

MAT 4210

MT= 52 (n,n') Level
Legendre Coefficients

42-Mo-87



22

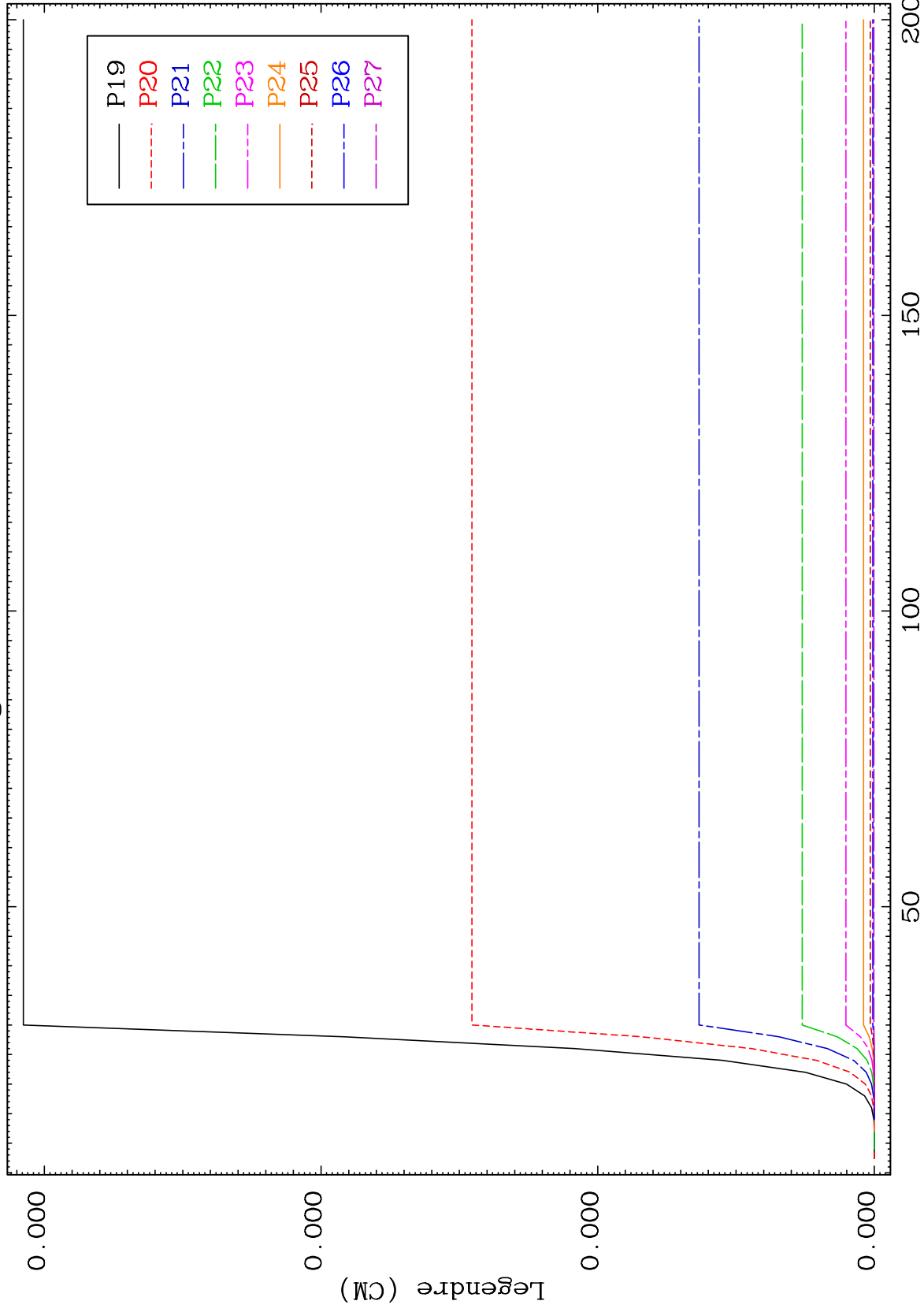
Incident Energy (MeV)

42-Mo-87

MAT 4210

MT= 52 (n,n') Level
Legendre Coefficients

42-Mo-87



23

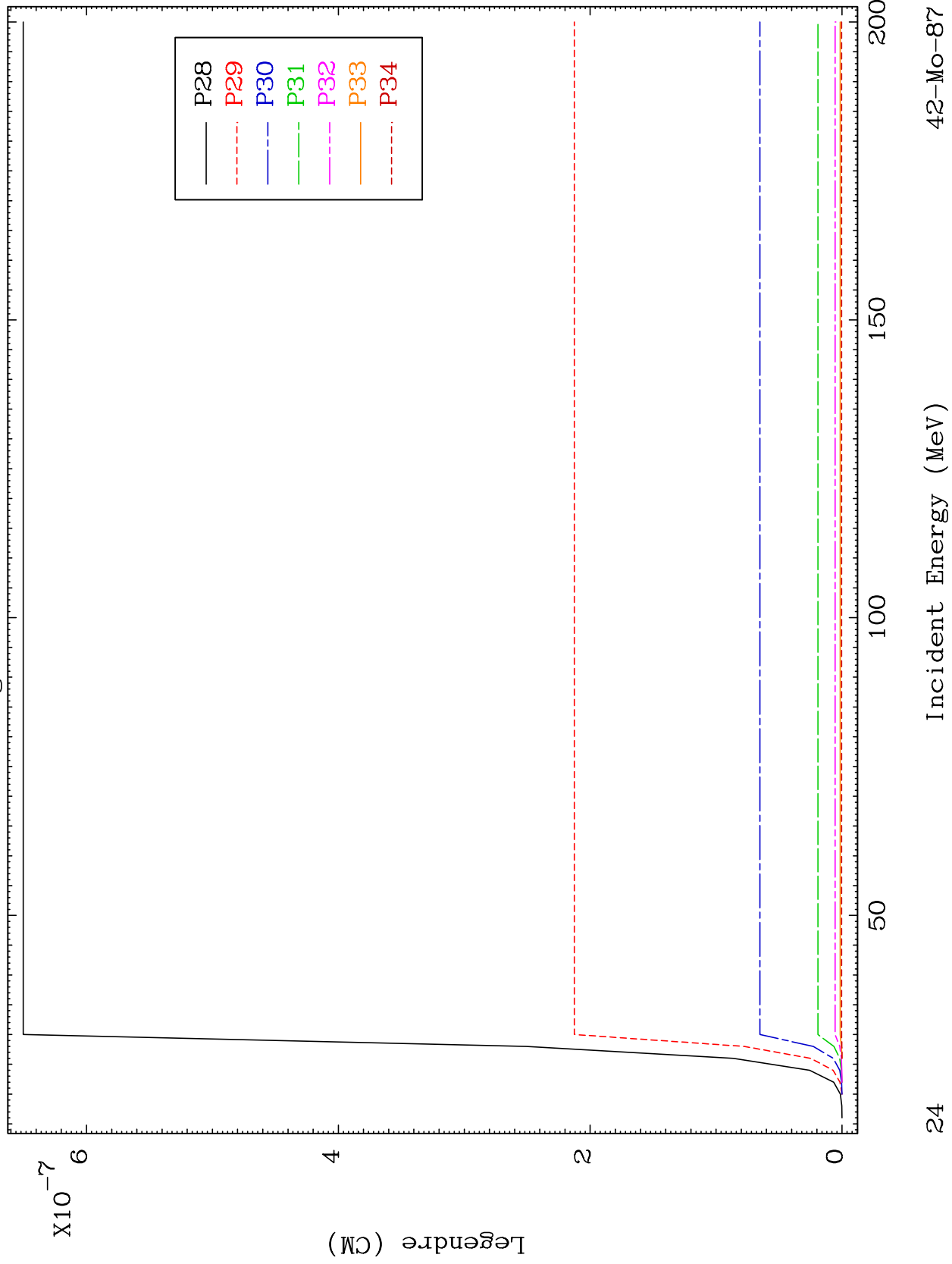
Incident Energy (MeV)

42-Mo-87

MAT 4210

MT= 52 (n,n') Level
Legendre Coefficients

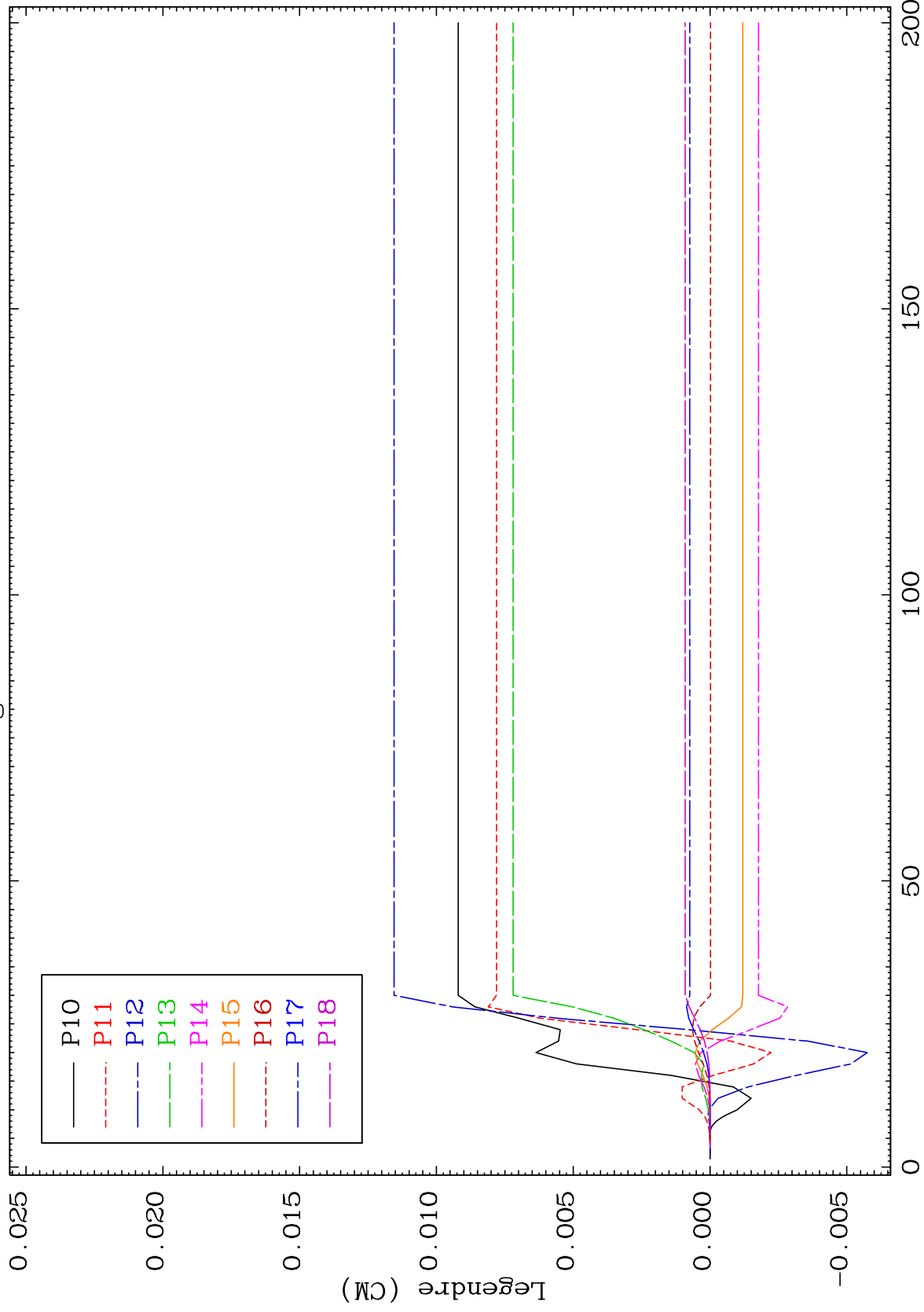
42-Mo-87



MAT 4210

MT= 53 (n,n') Level
Legendre Coefficients

42-Mo-87



26

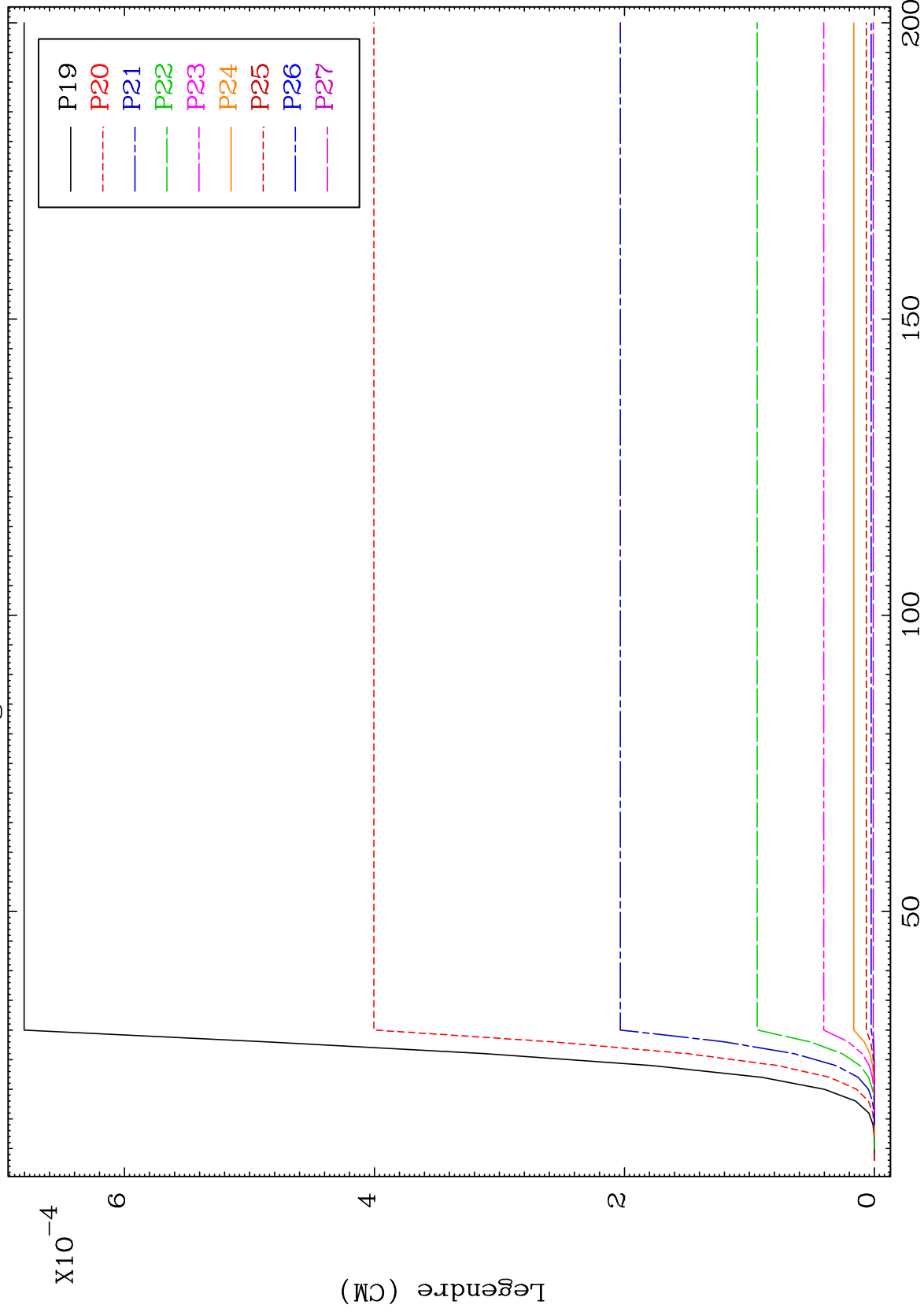
Incident Energy (MeV)

42-Mo-87

MAT 4210

MT= 53 (n,n') Level
Legendre Coefficients

42-Mo-87



27

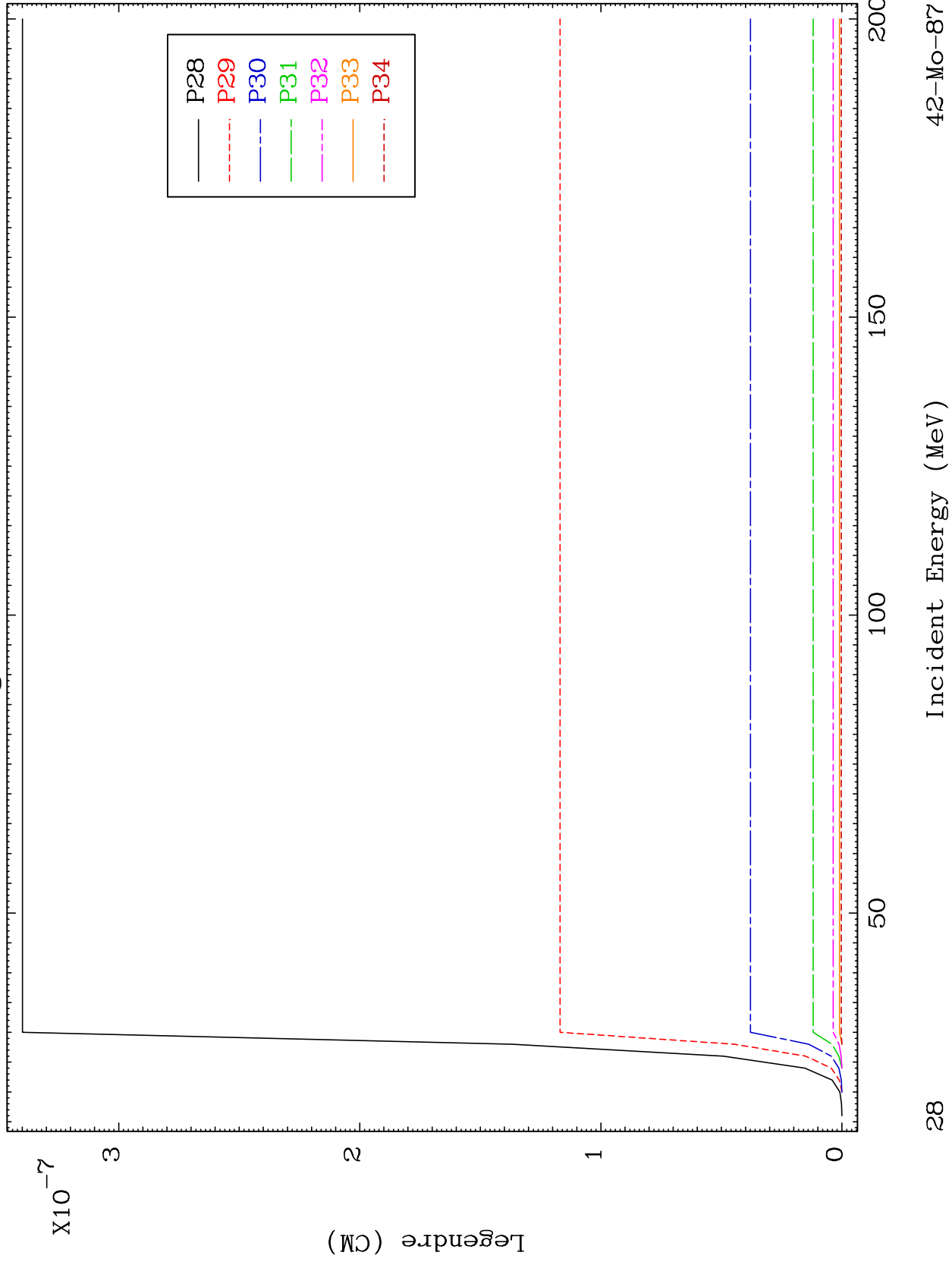
Incident Energy (MeV)

42-Mo-87

MAT 4210

MT= 53 (n,n') Level
Legendre Coefficients

42-Mo-87

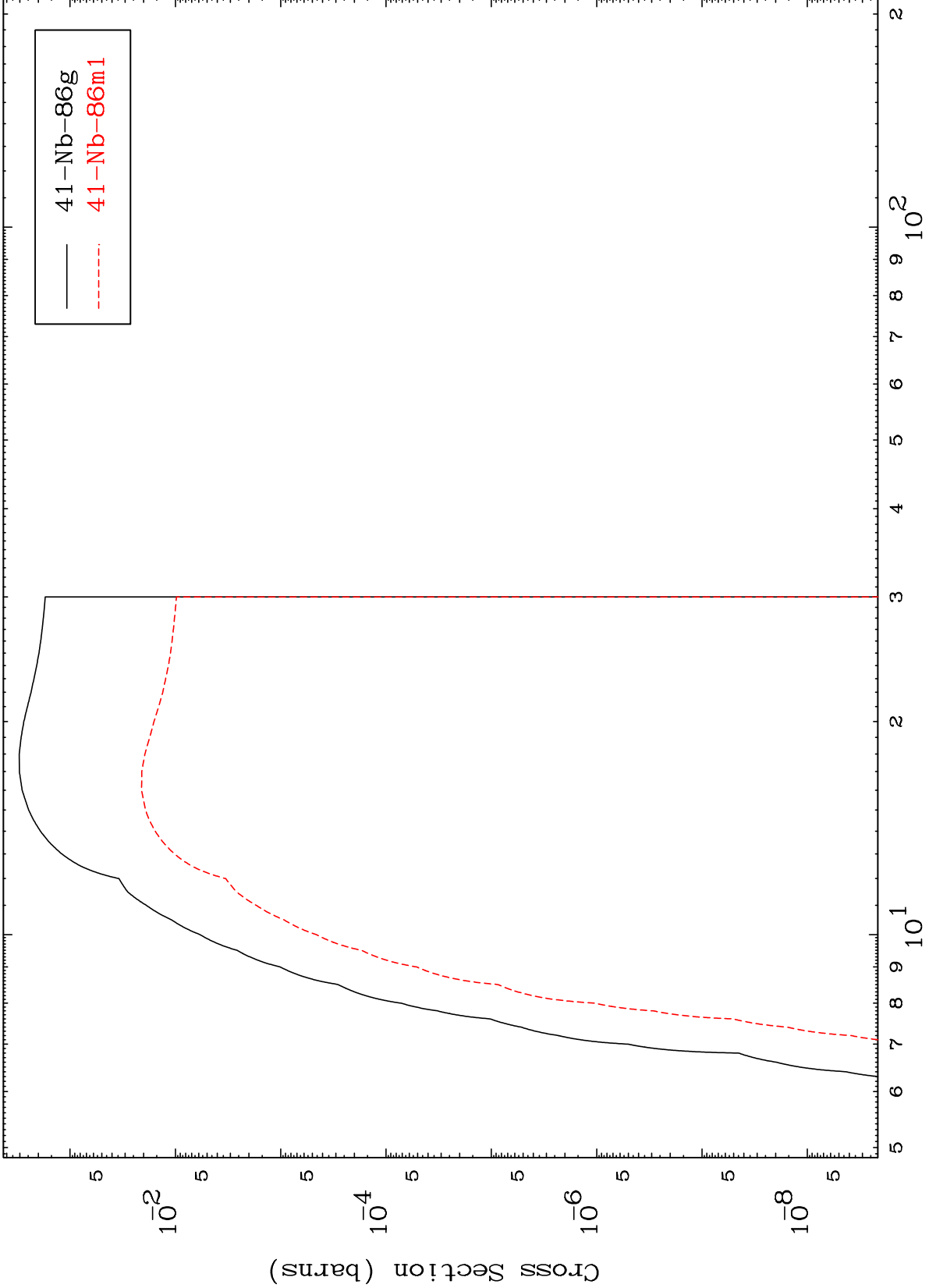


MAT 4210

(n,n') p

42-Mo-87

Radionuclide Production Cross Section



29

Incident Energy (MeV)

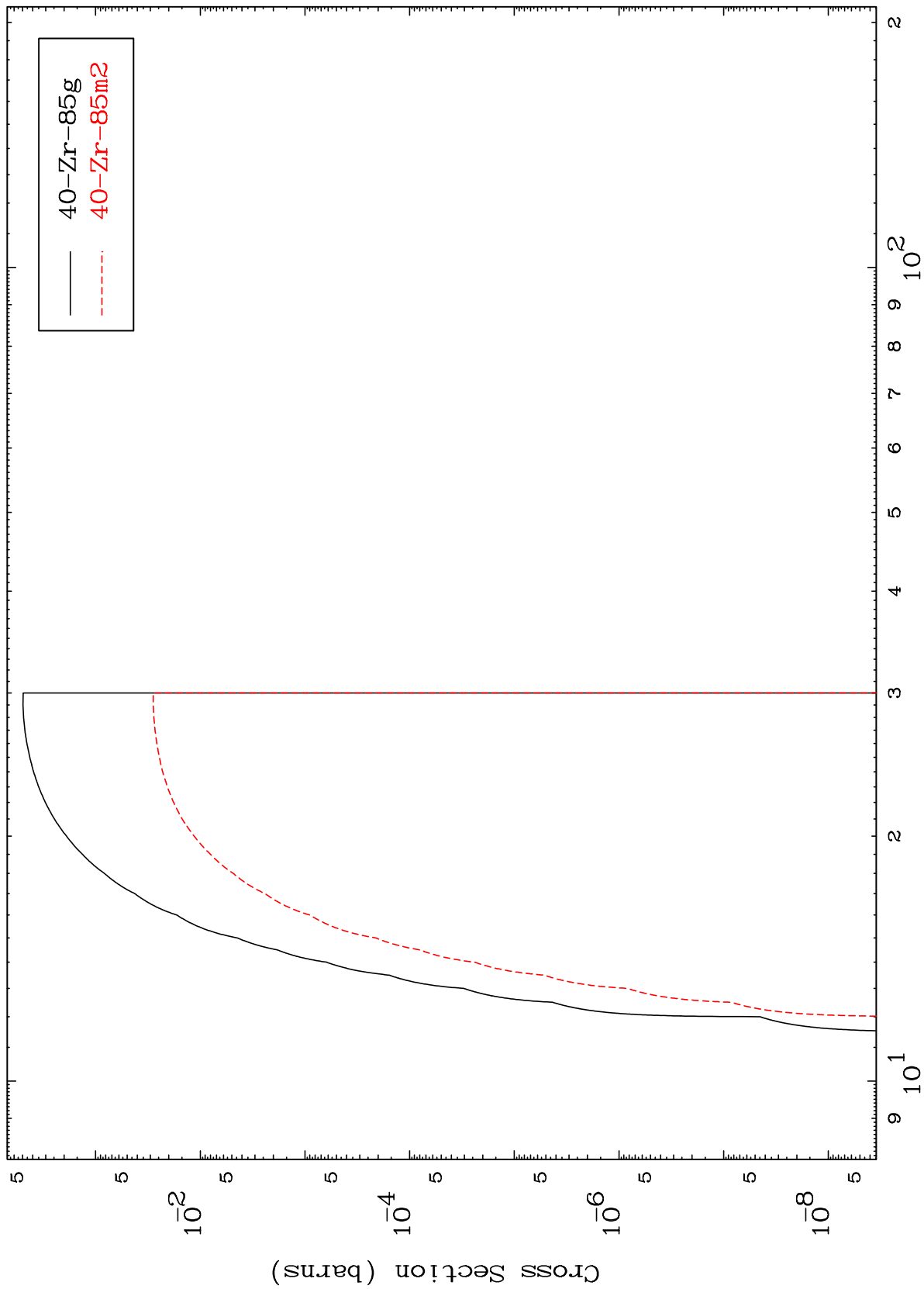
42-Mo-87

MAT 4210

(n,2n) p

42-Mo-87

Radionuclide Production Cross Section



30

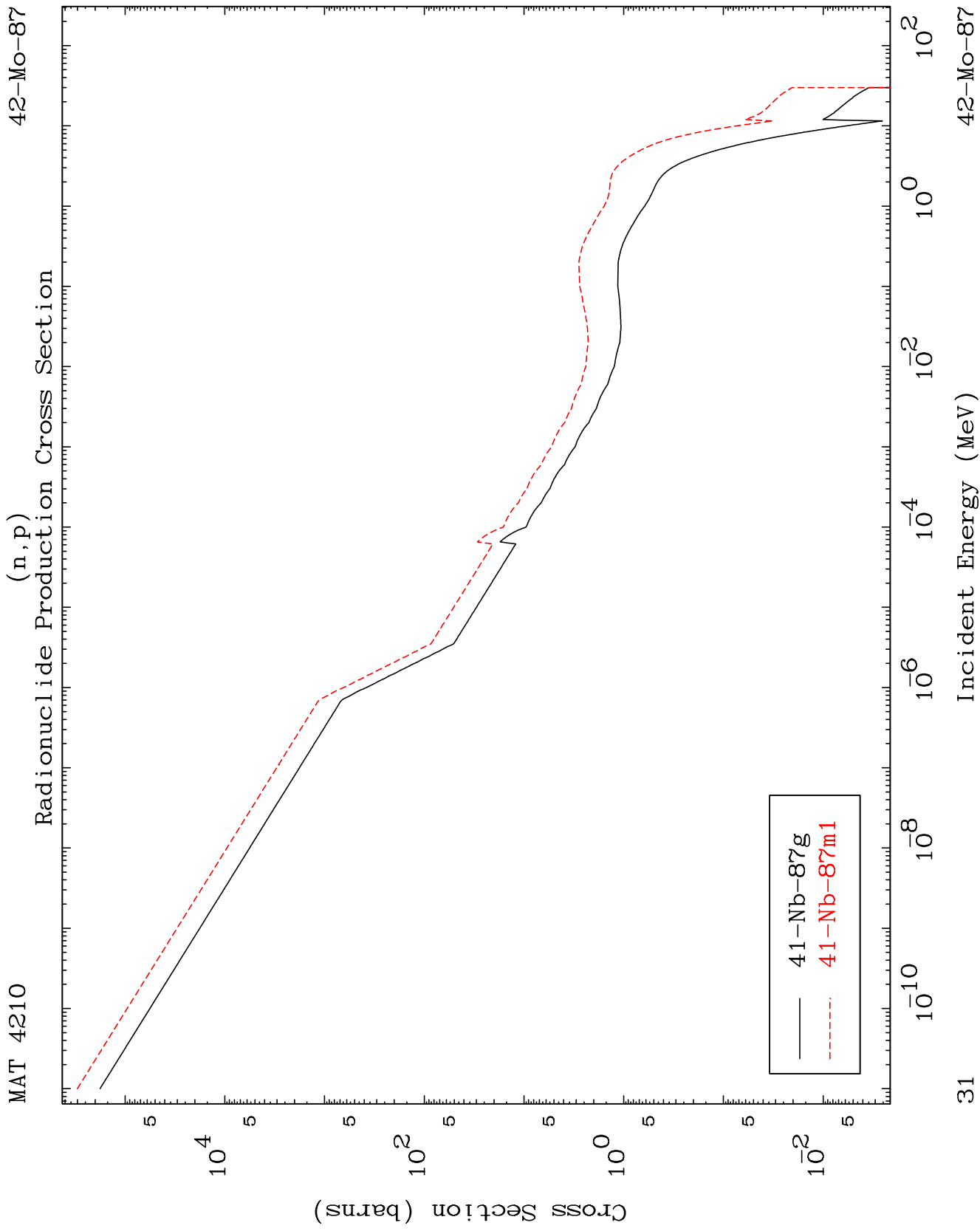
Incident Energy (MeV)

42-Mo-87

MAT 4210

42-Mo-87

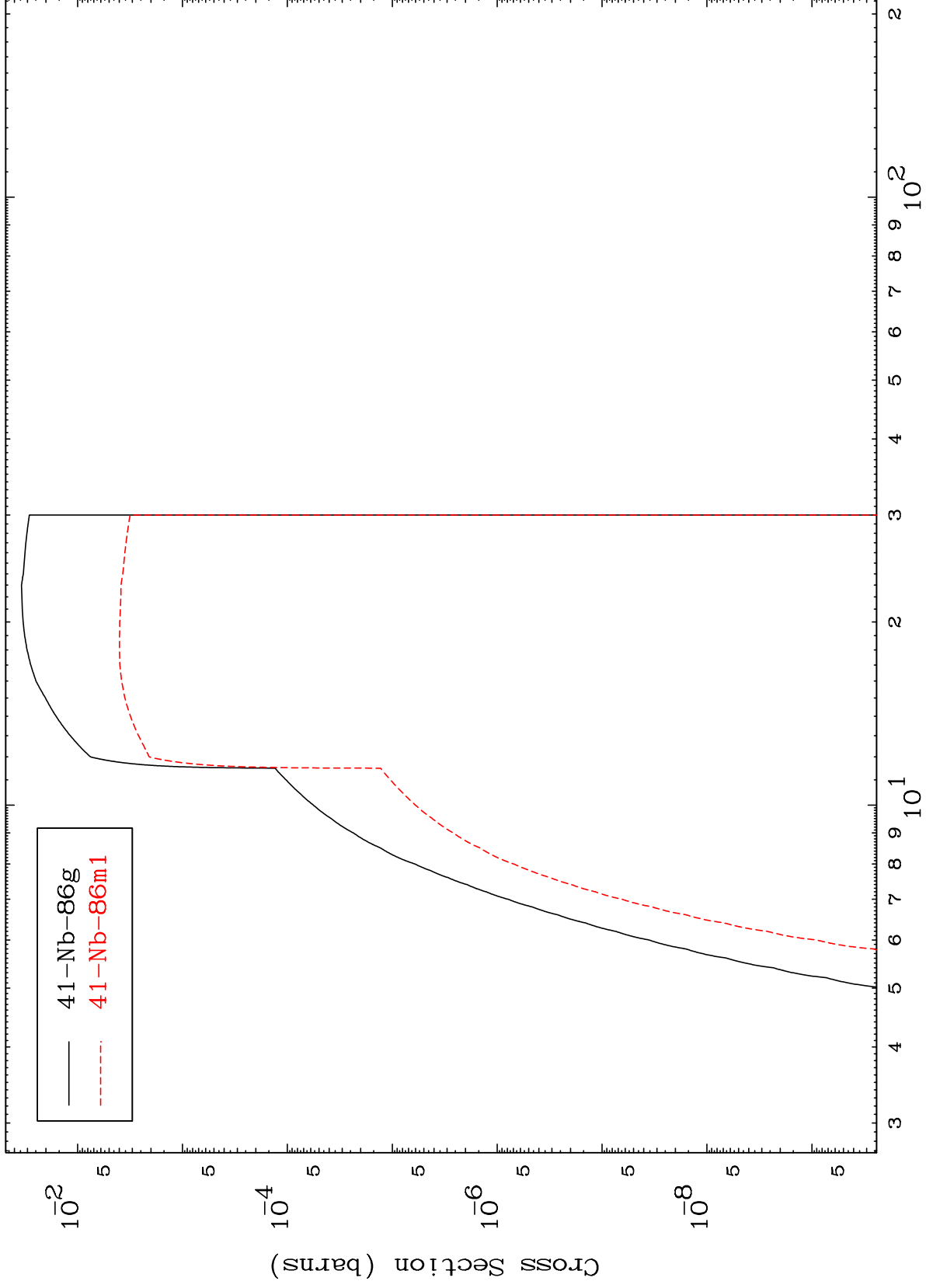
Radionuclide Production Cross Section



MAT 4210

42-Mo-87

(n,d)
Radionuclide Production Cross Section



42-Mo-87

Incident Energy (MeV)

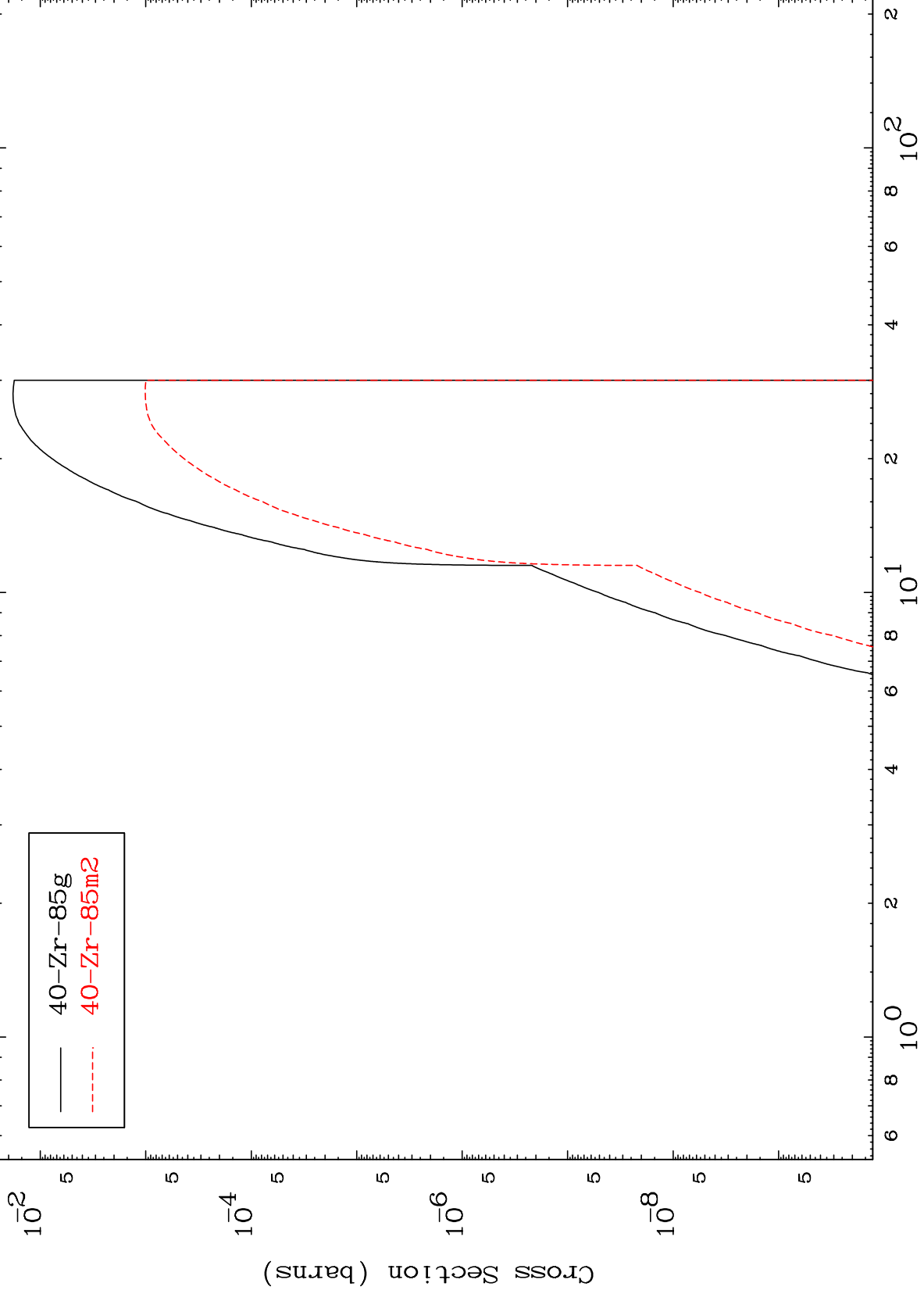
32

MAT 4210

(n,He-3)

42-Mo-87

Radionuclide Production Cross Section



33

Incident Energy (MeV)

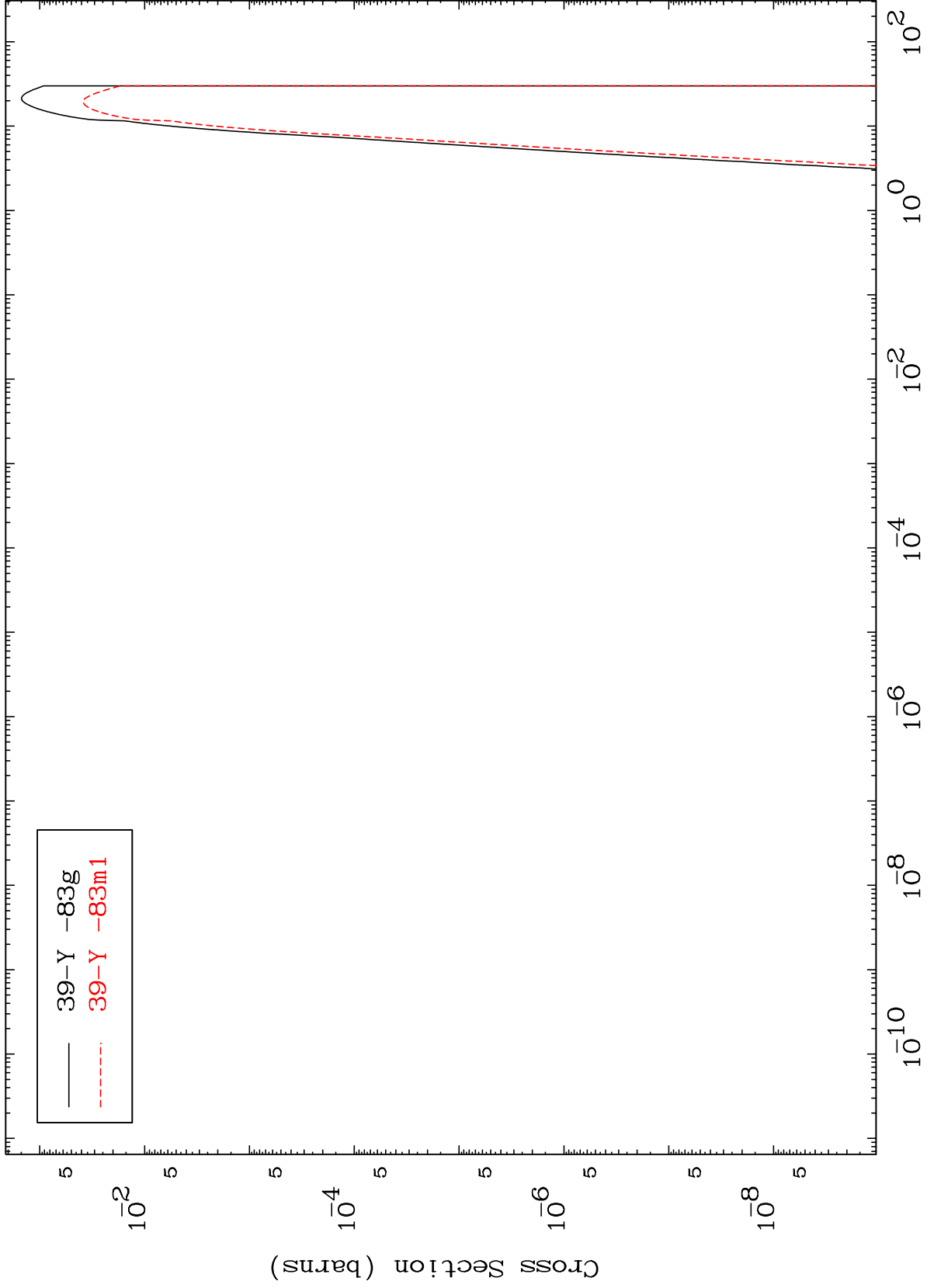
42-Mo-87

MAT 4210

(n,p) α

42-Mo-87

Radionuclide Production Cross Section



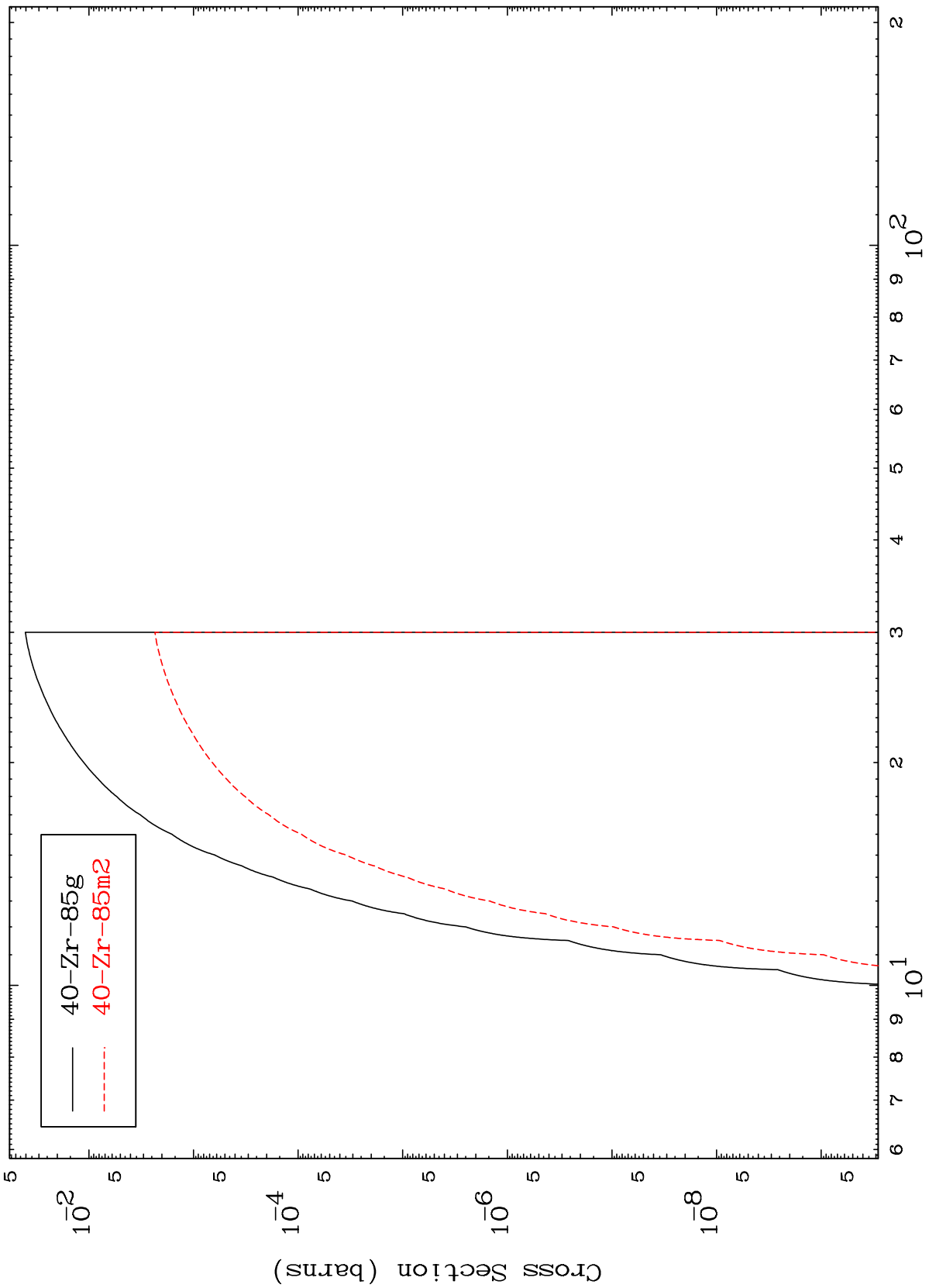
— 39-Y -83g
- - - 39-Y -83m1

MAT 4210

(n,p) d

42-Mo-87

Radionuclide Production Cross Section



40-Zr-85g
40-Zr-85m2

Incident Energy (MeV)

42-Mo-87

35