

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

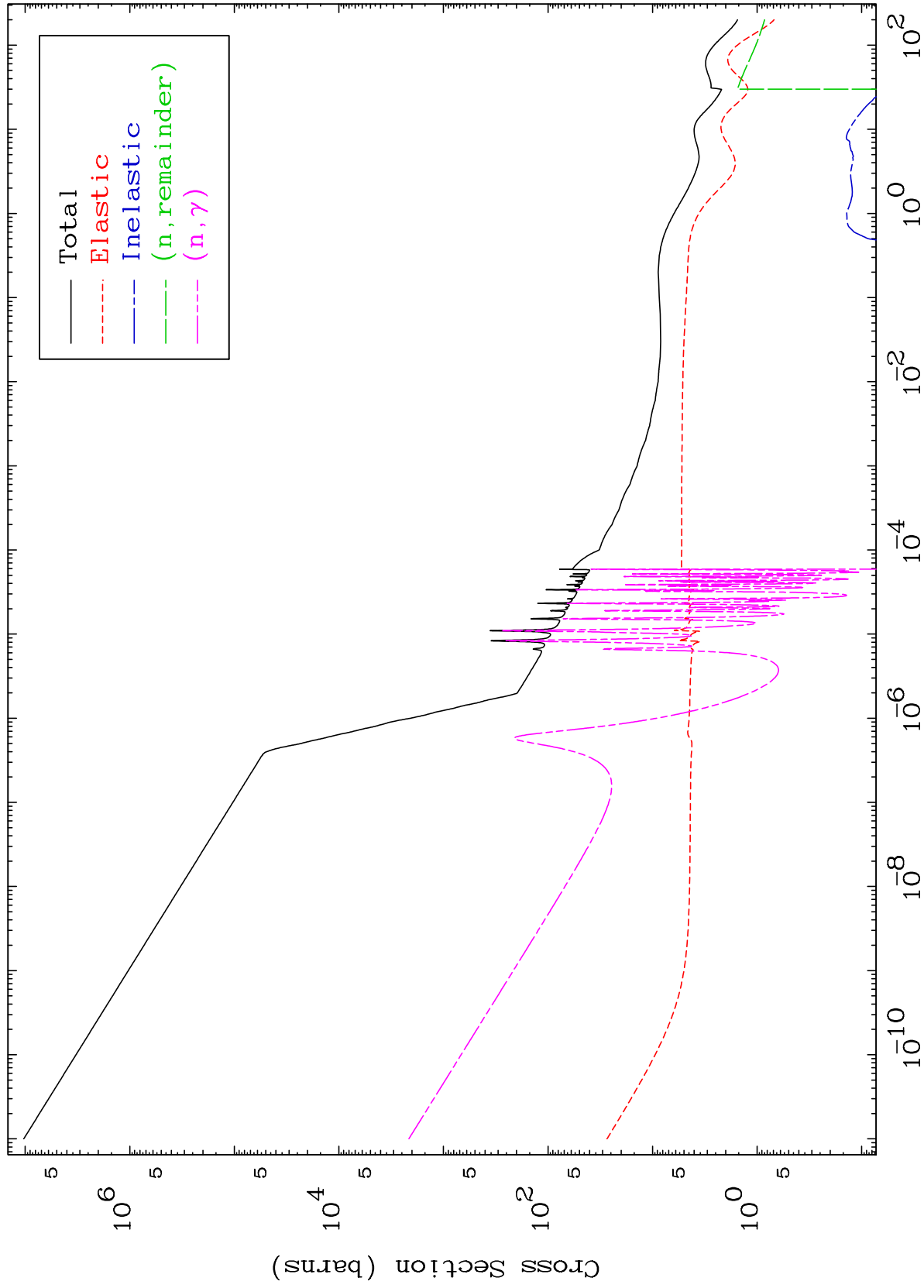
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4204

Major
293 Kelvin Cross Sections

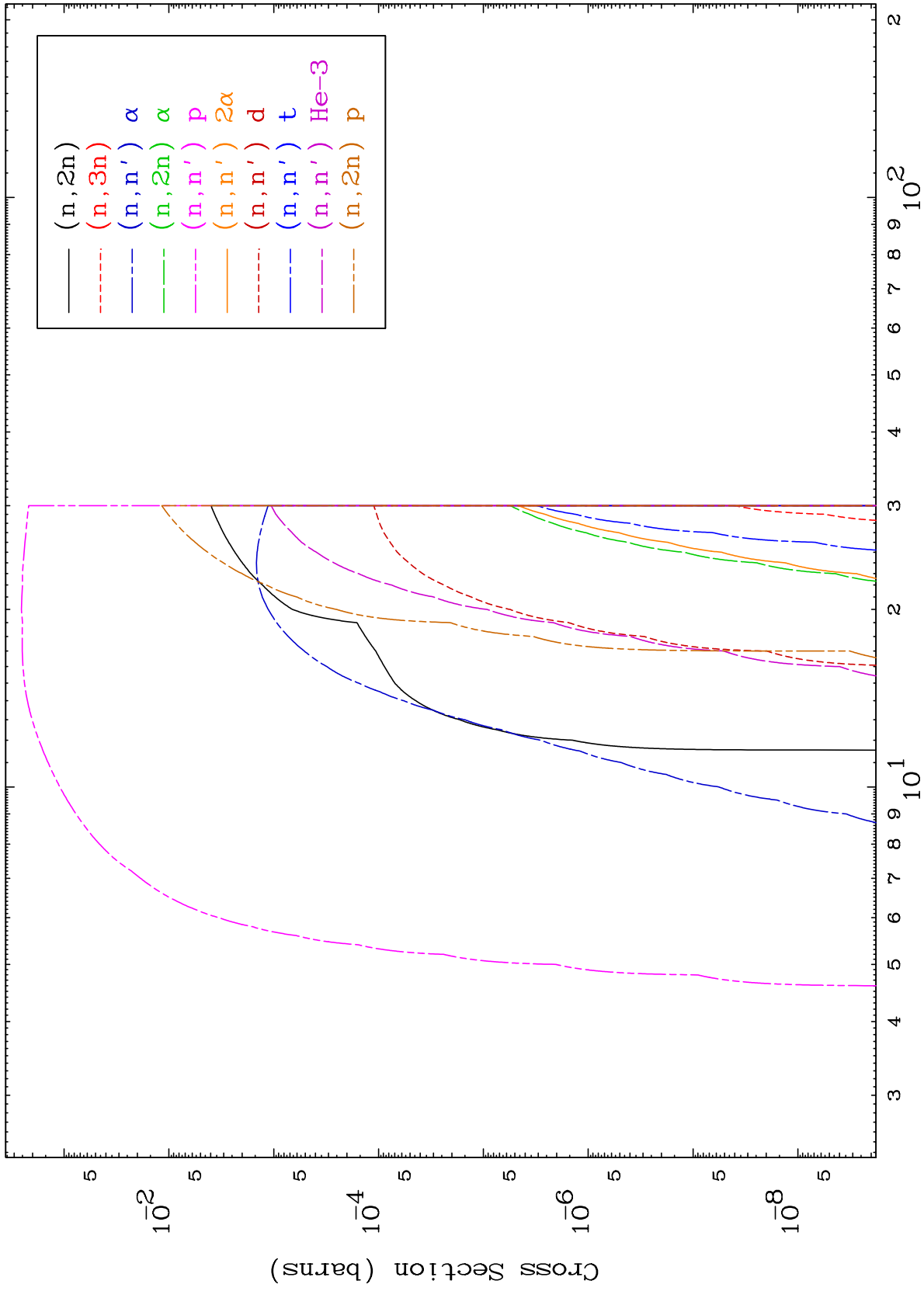
42-Mo-85



MAT 4204

Neutron Production 293 Kelvin Cross Sections

42-Mo-85



2

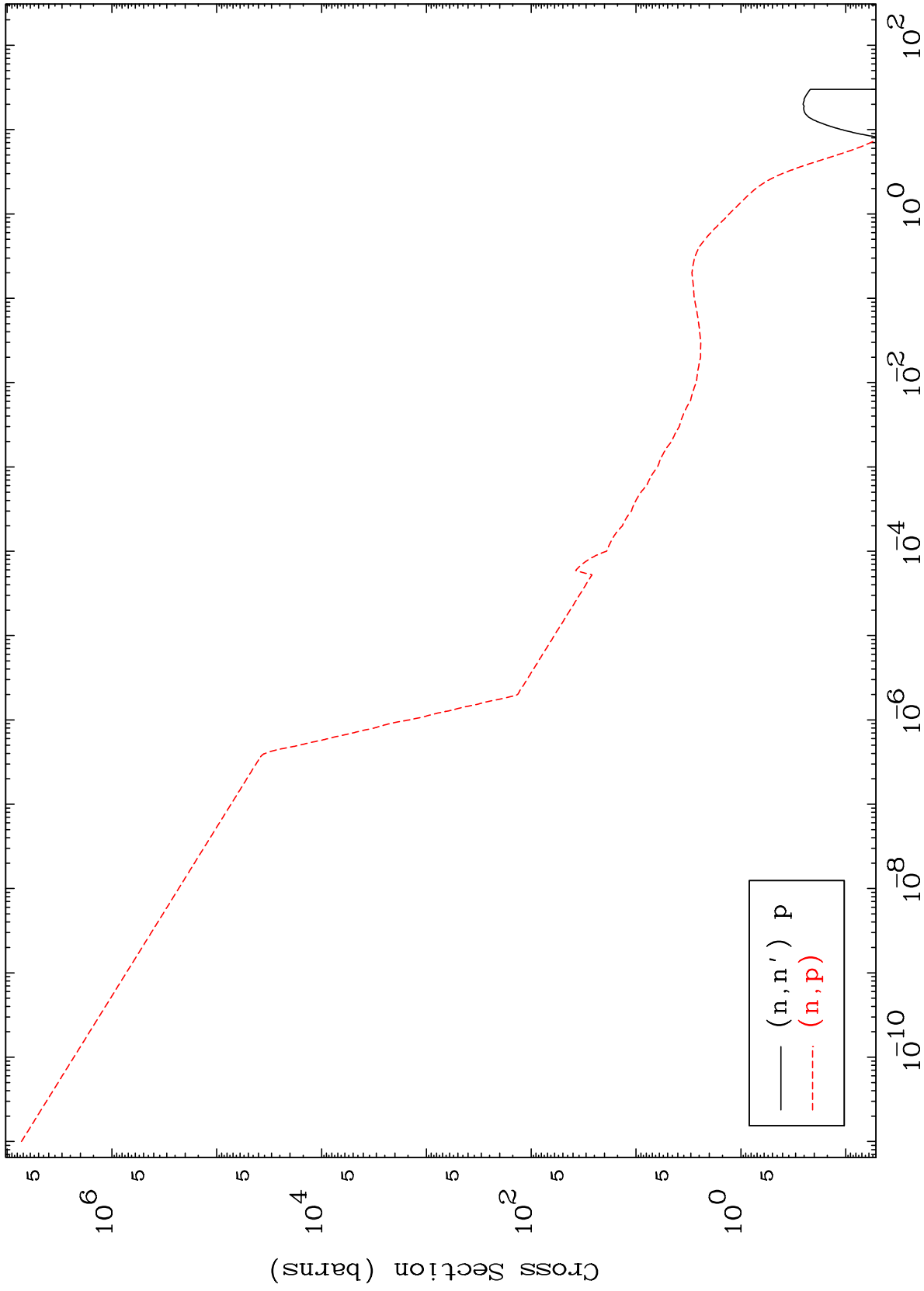
Incident Energy (MeV)

42-Mo-85

MAT 4204

Charged Particle
293 Kelvin Cross Sections

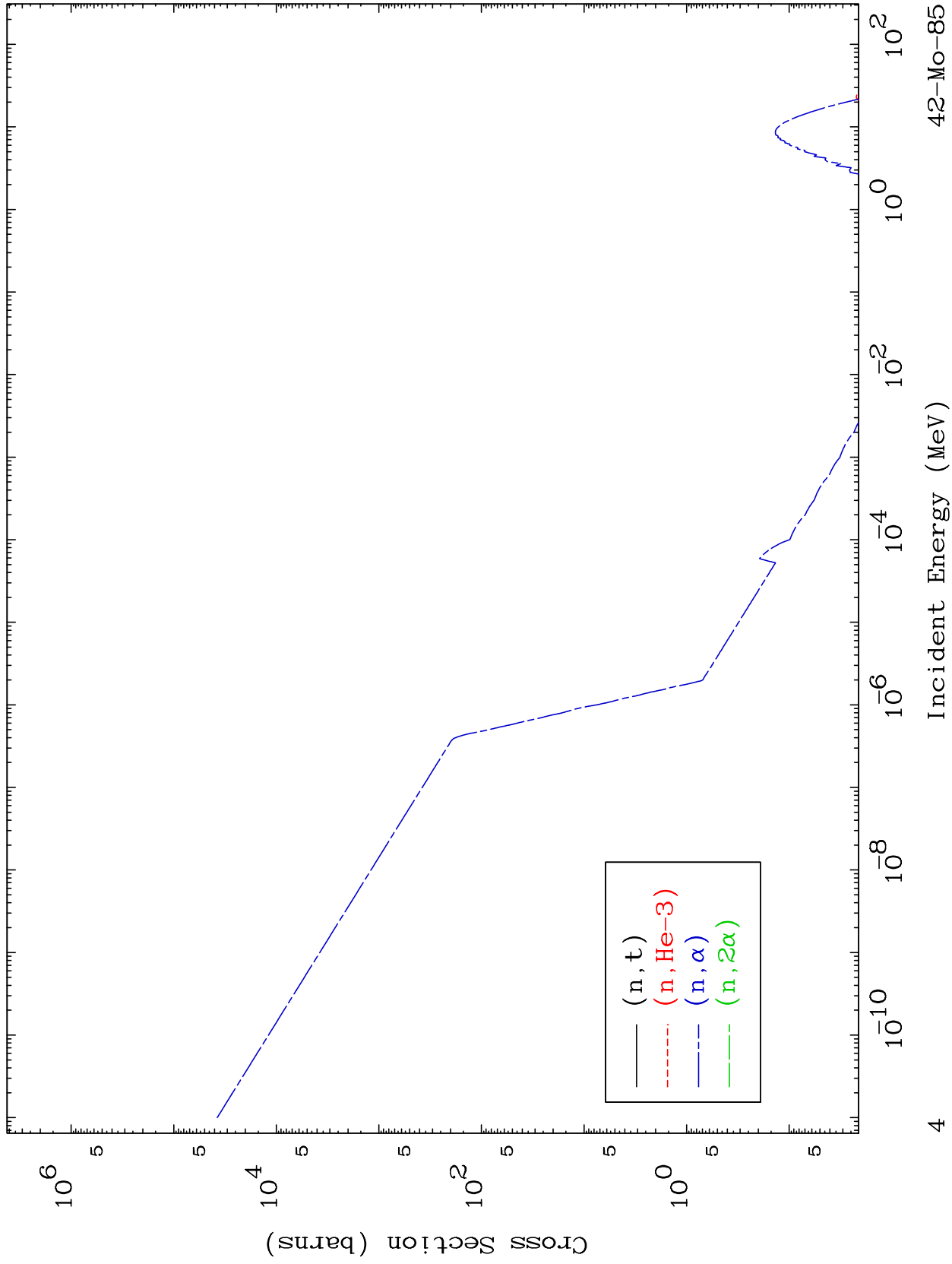
42-Mo-85



3

Incident Energy (MeV)

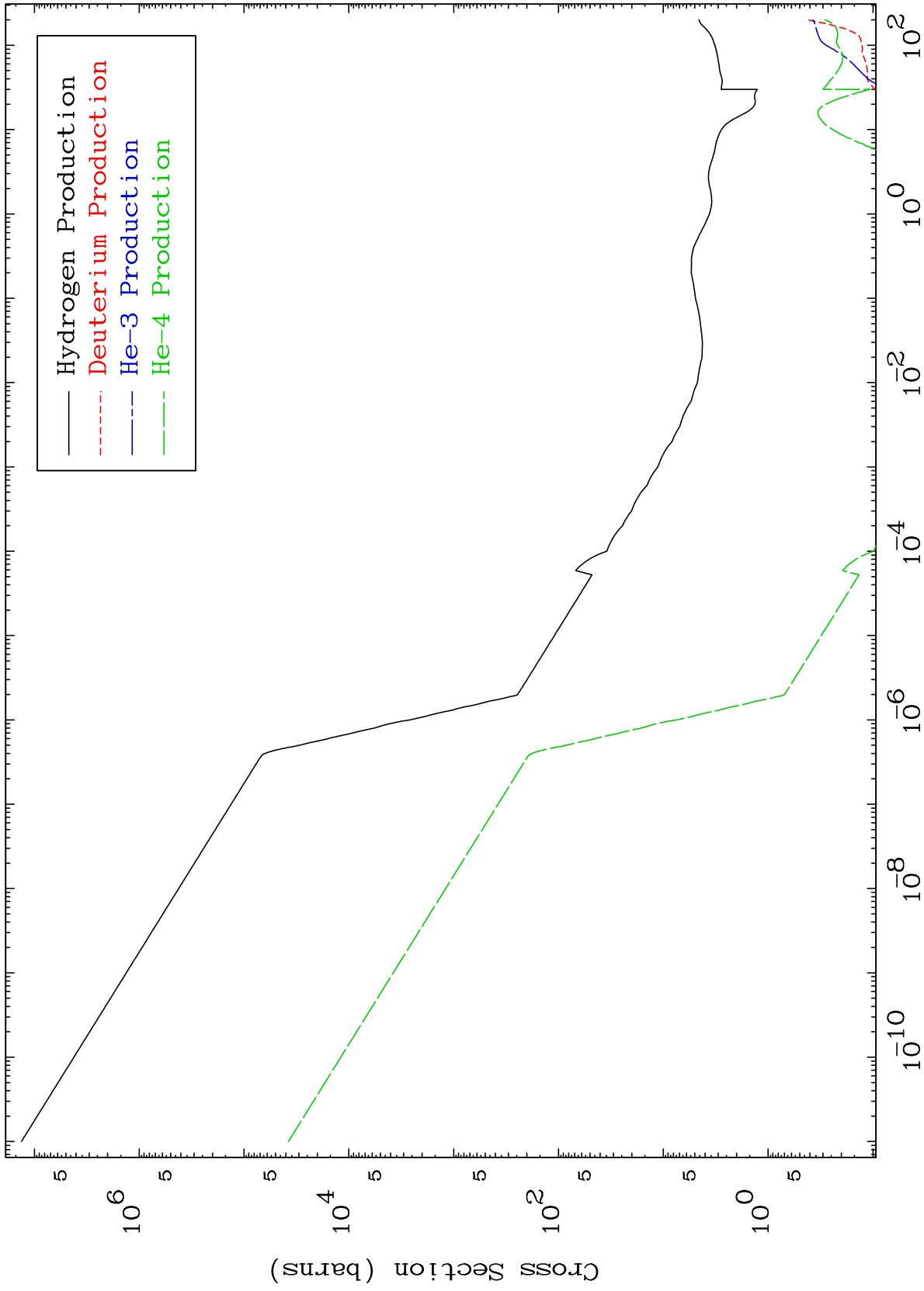
42-Mo-85



MAT 4204

Particle Production
293 Kelvin Cross Sections

42-Mo-85



5

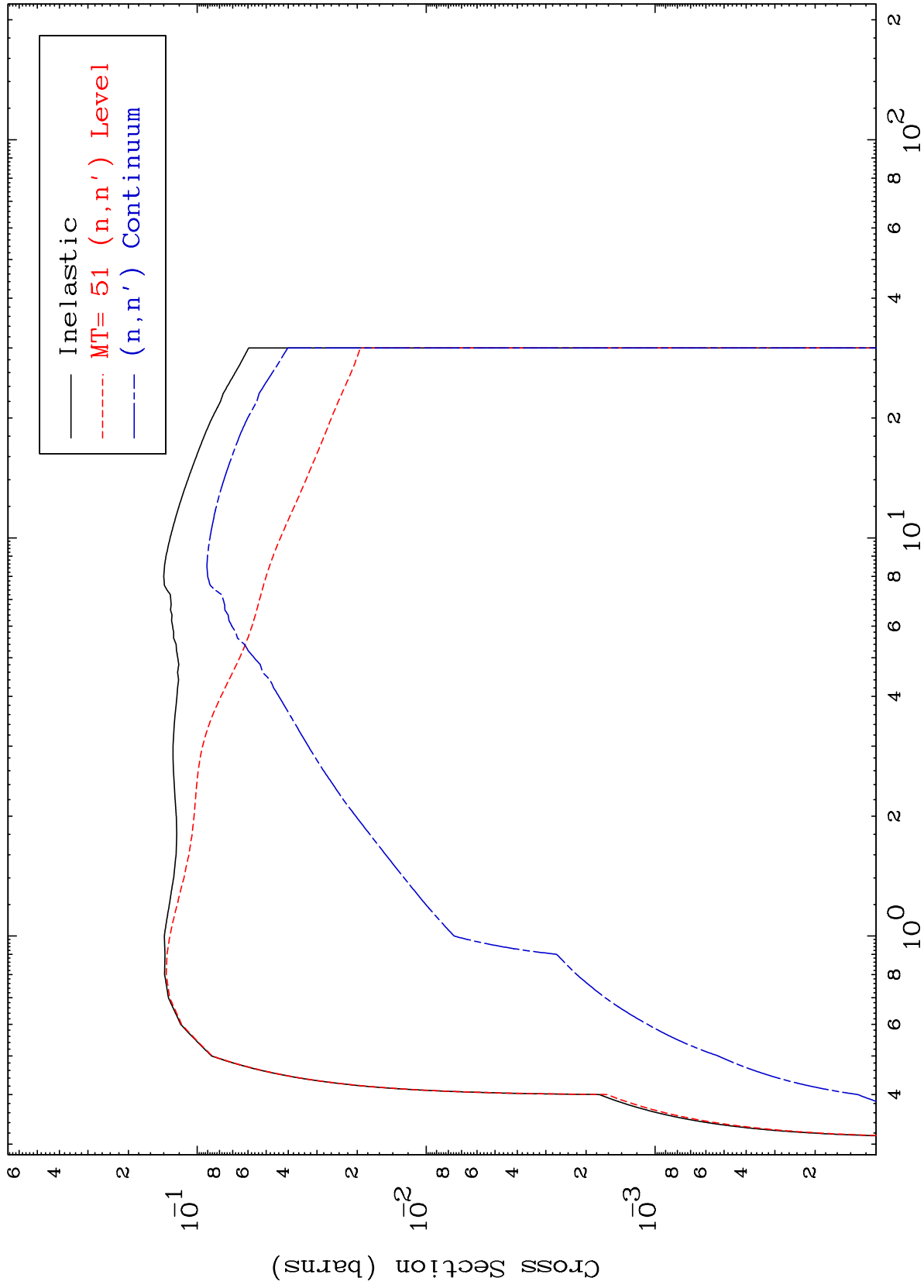
Incident Energy (MeV)

42-Mo-85

MAT 4204

(n,n') Level
293 Kelvin Cross Sections

42-Mo-85



6

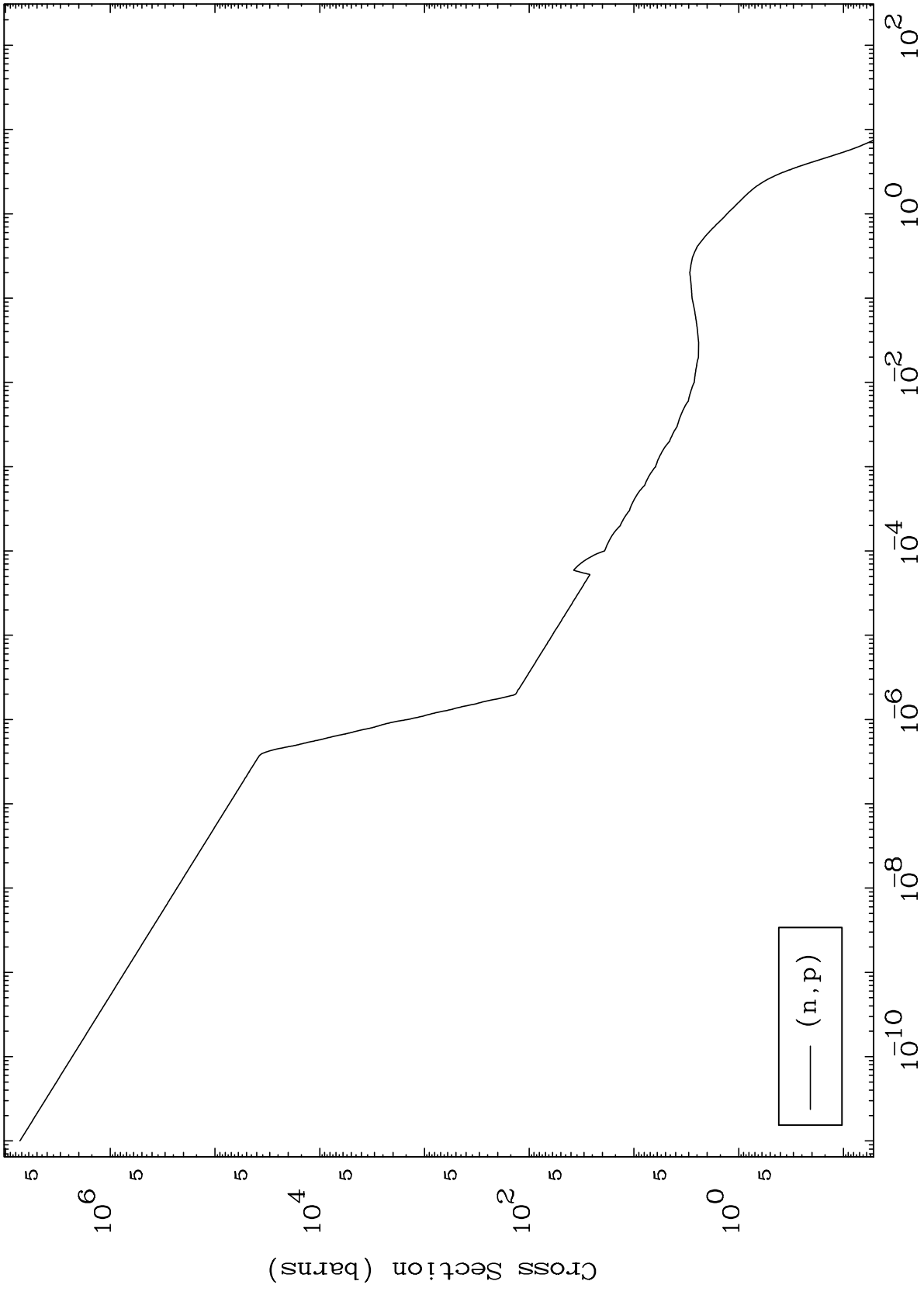
Incident Energy (MeV)

42-Mo-85

MAT 4204

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-85



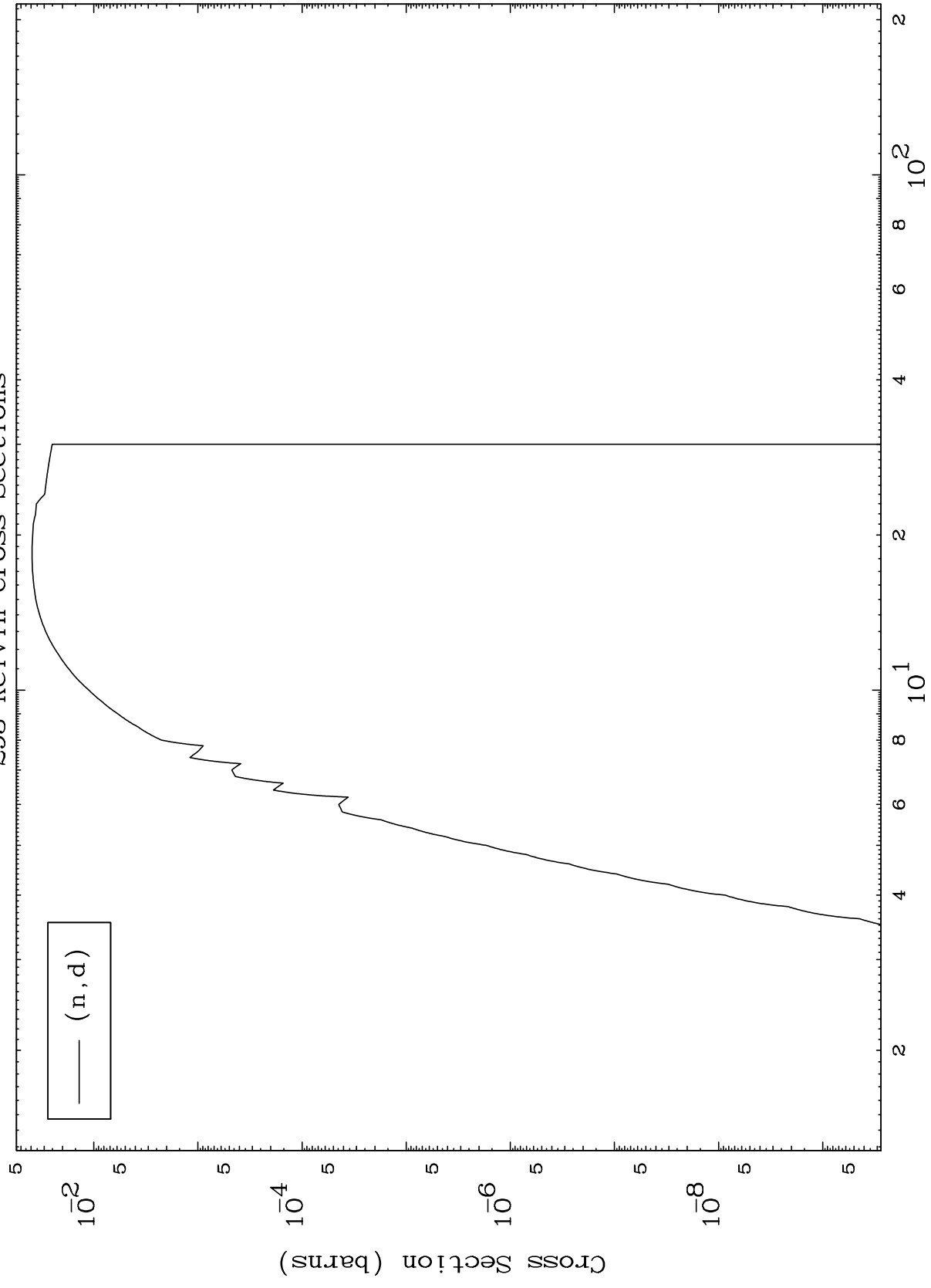
— (n, p)

42-Mo-85

MAT 4204

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-85



8

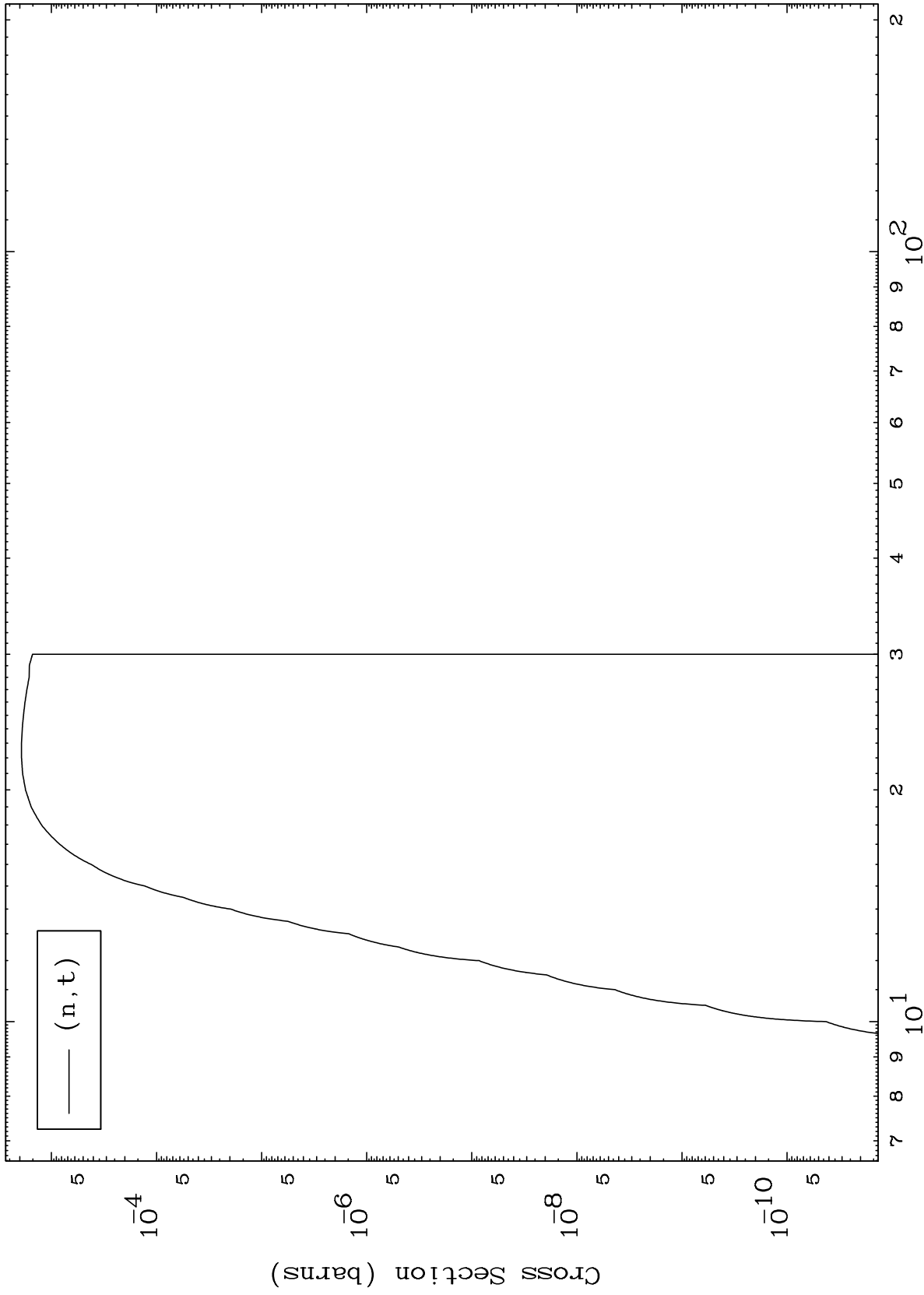
Incident Energy (MeV)

42-Mo-85

MAT 4204

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-85



9

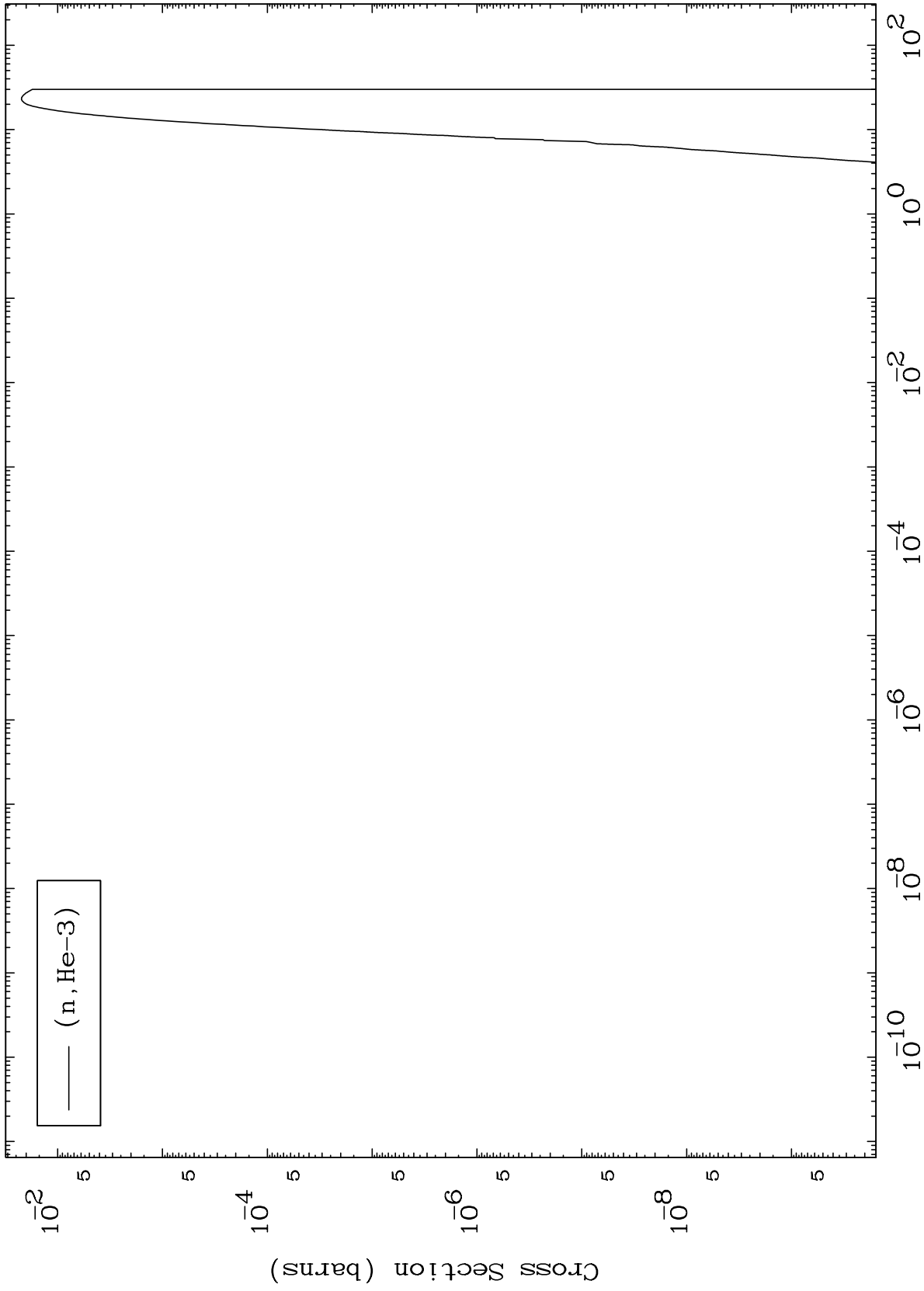
Incident Energy (MeV)

42-Mo-85

MAT 4204

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-85



10

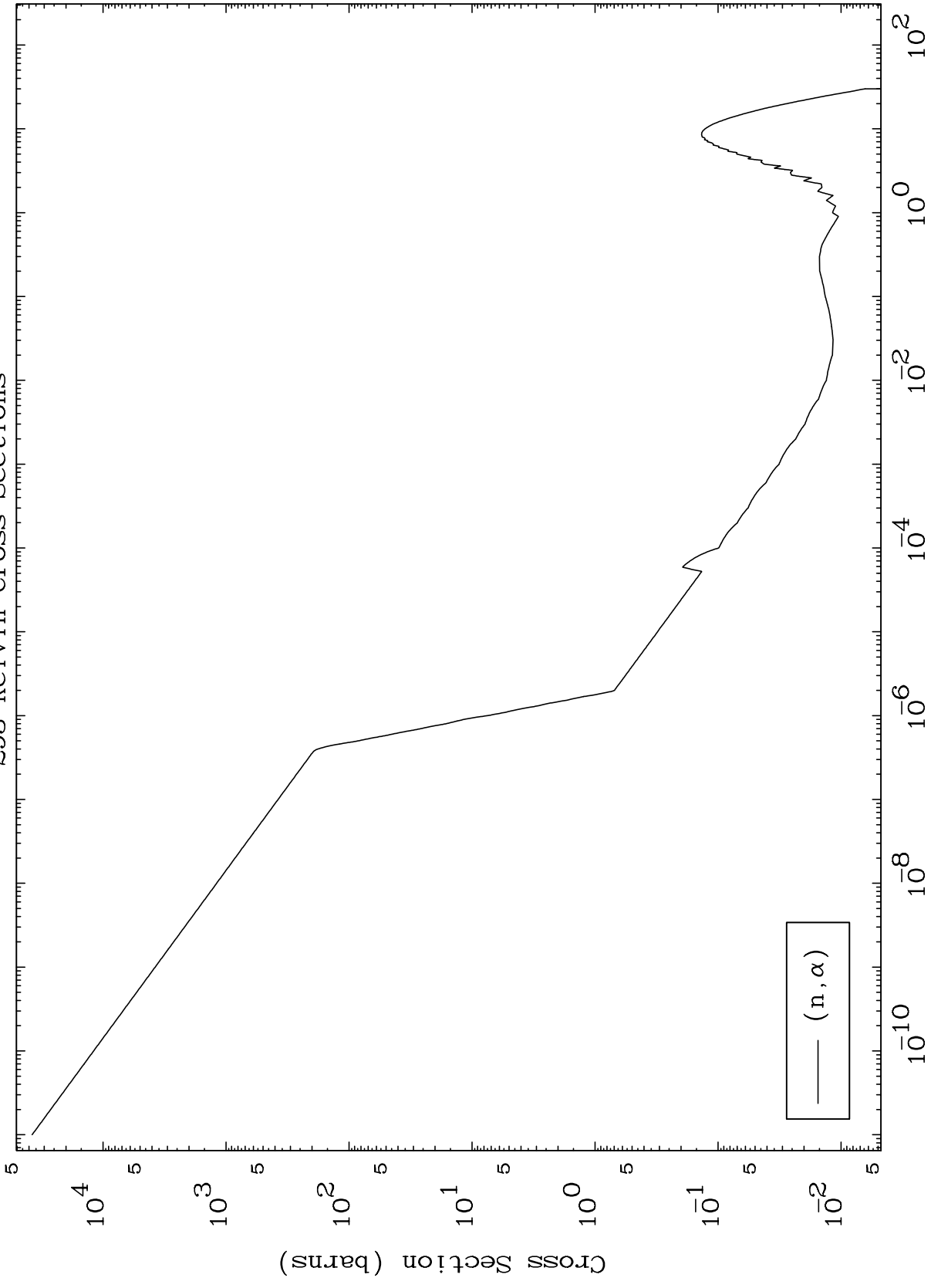
Incident Energy (MeV)

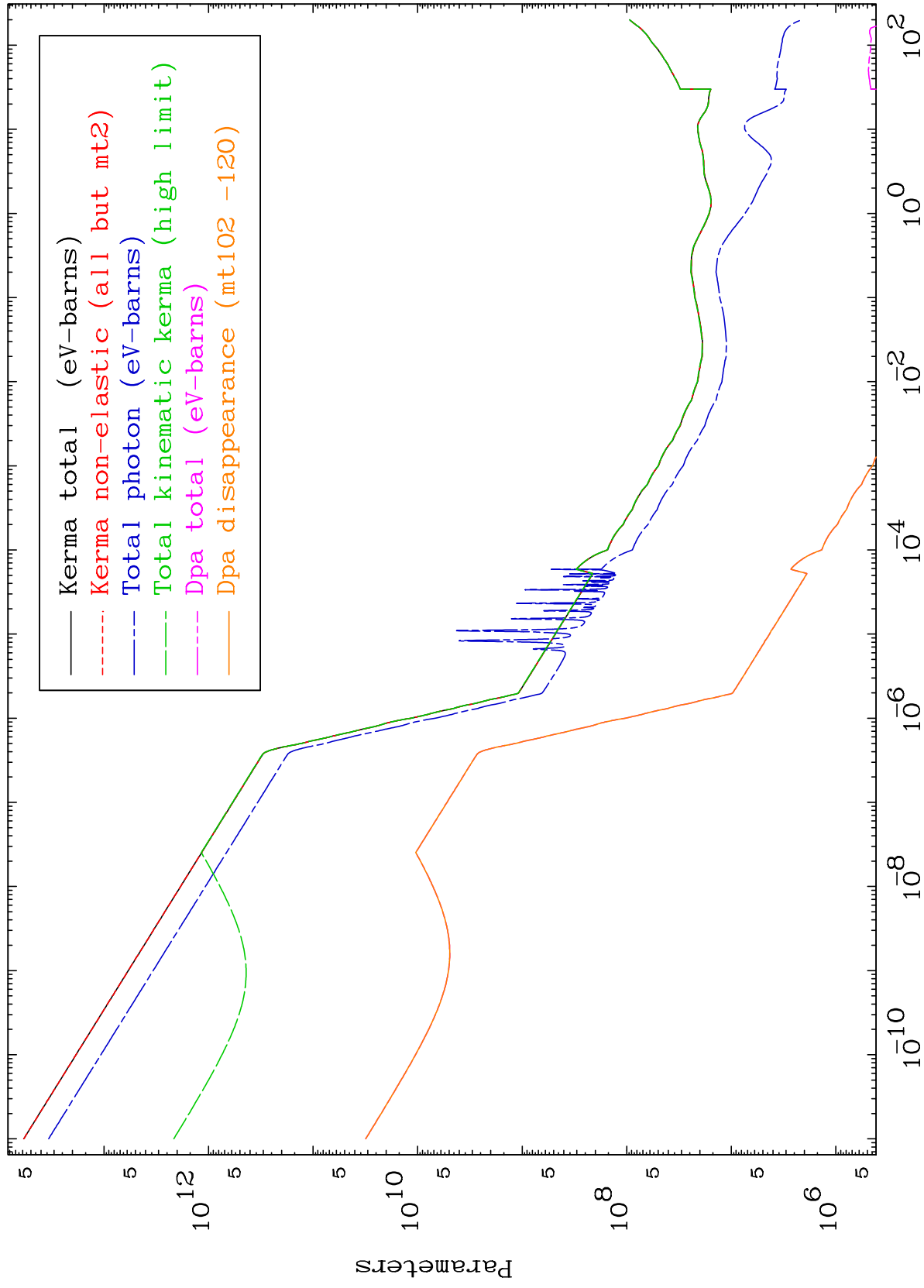
42-Mo-85

MAT 4204

(n,α) Levels
293 Kelvin Cross Sections

42-Mo-85

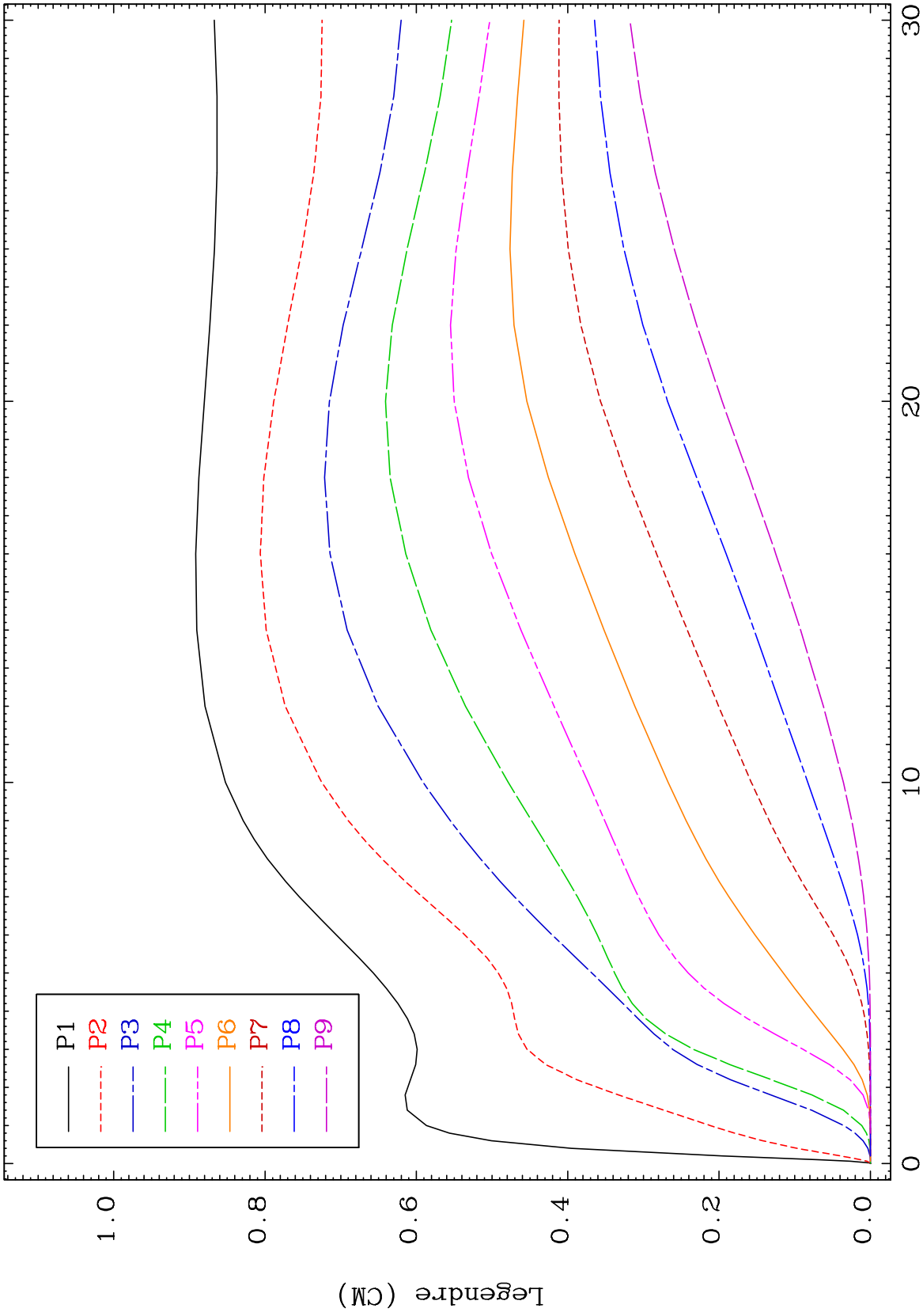




MAT 4204

Elastic Legendre Coefficients

42-Mo-85



13

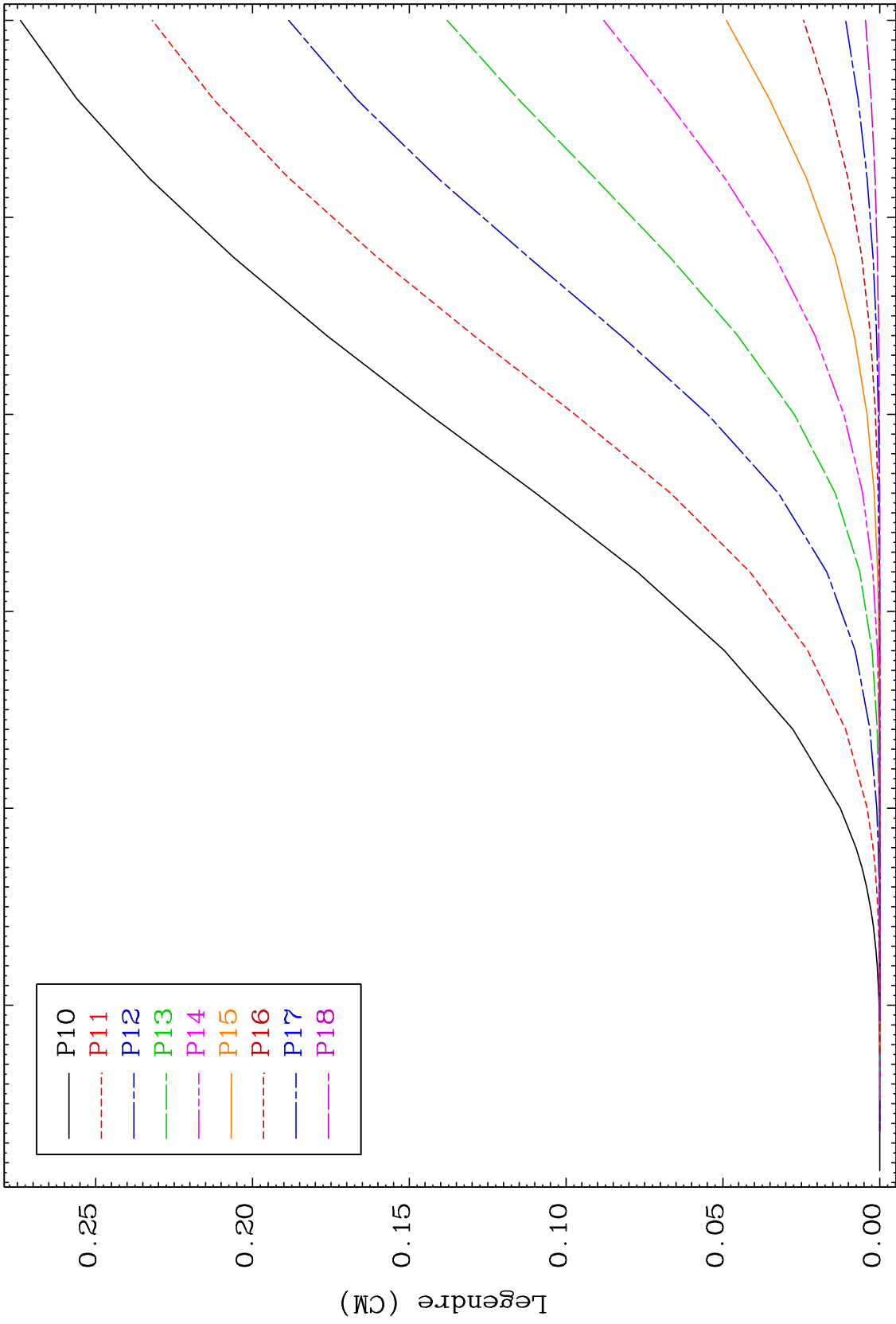
Incident Energy (MeV)

42-Mo-85

MAT 4204

Elastic Legendre Coefficients

42-Mo-85



14

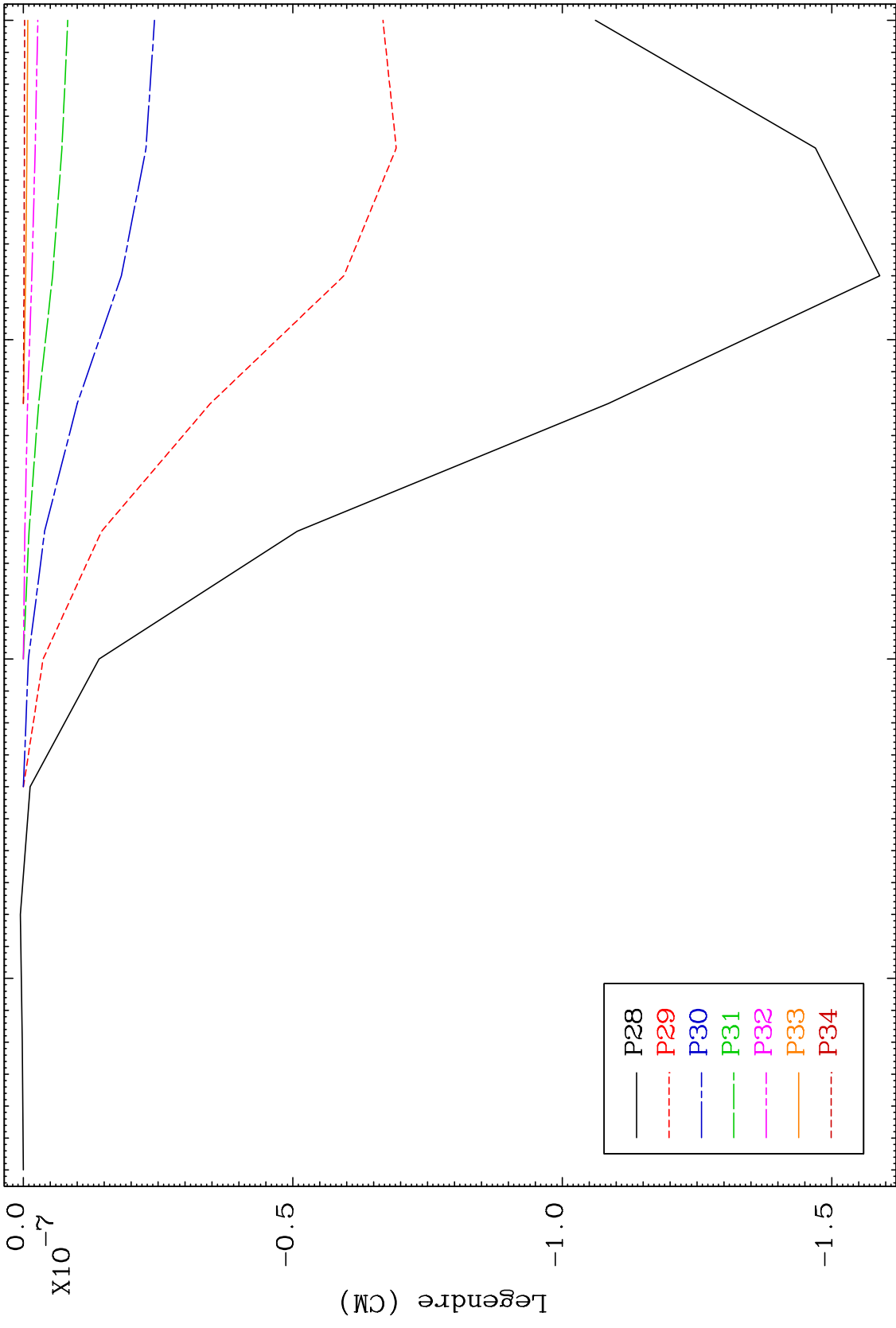
Incident Energy (MeV)

42-Mo-85

MAT 4204

42-Mo-85

Elastic Legendre Coefficients



16

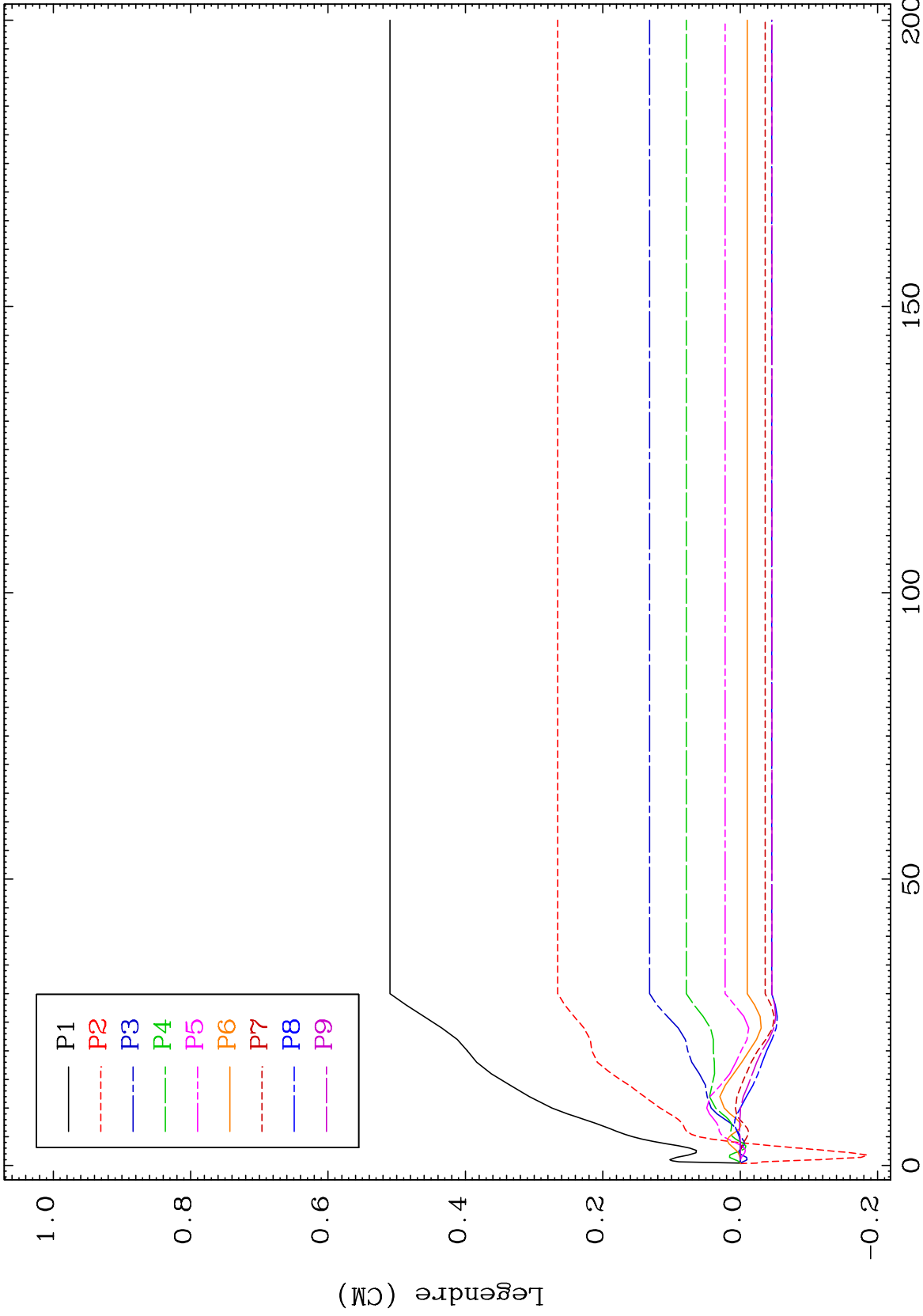
Incident Energy (MeV)

42-Mo-85

MAT 4204

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

42-Mo-85



17

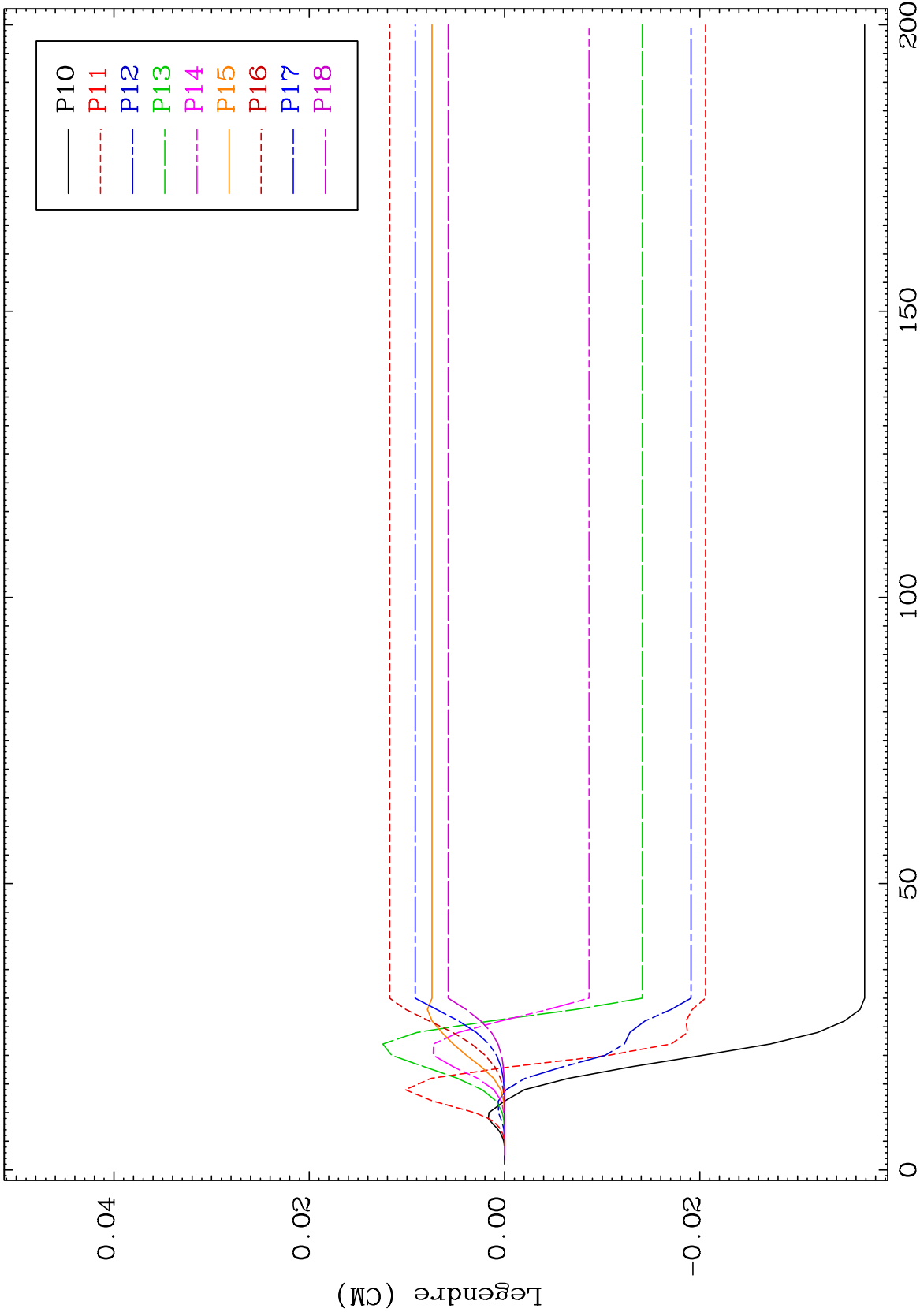
Incident Energy (MeV)

42-Mo-85

MAT 4204

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

42-Mo-85



18

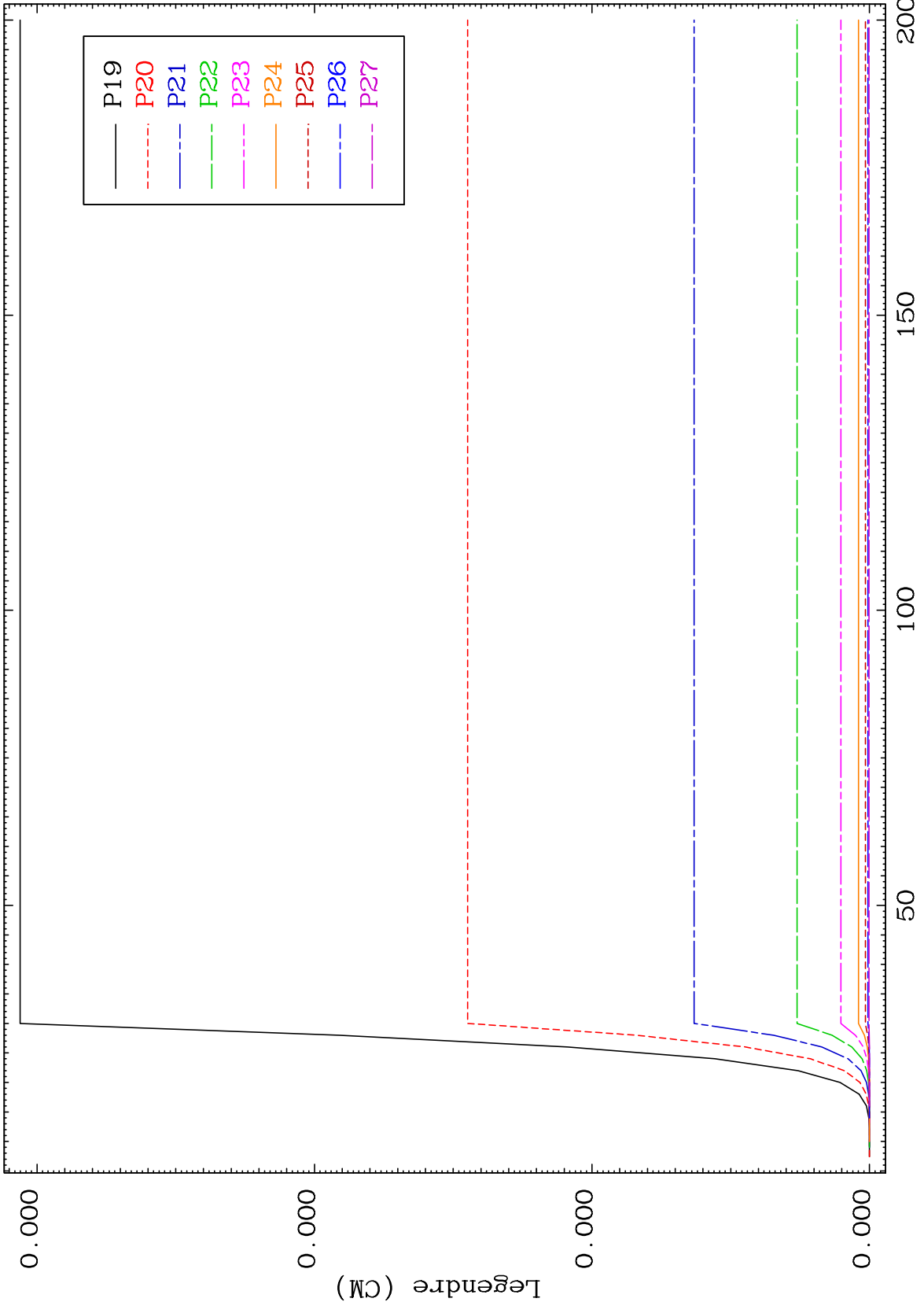
Incident Energy (MeV)

42-Mo-85

MAT 4204

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

42-Mo-85



19

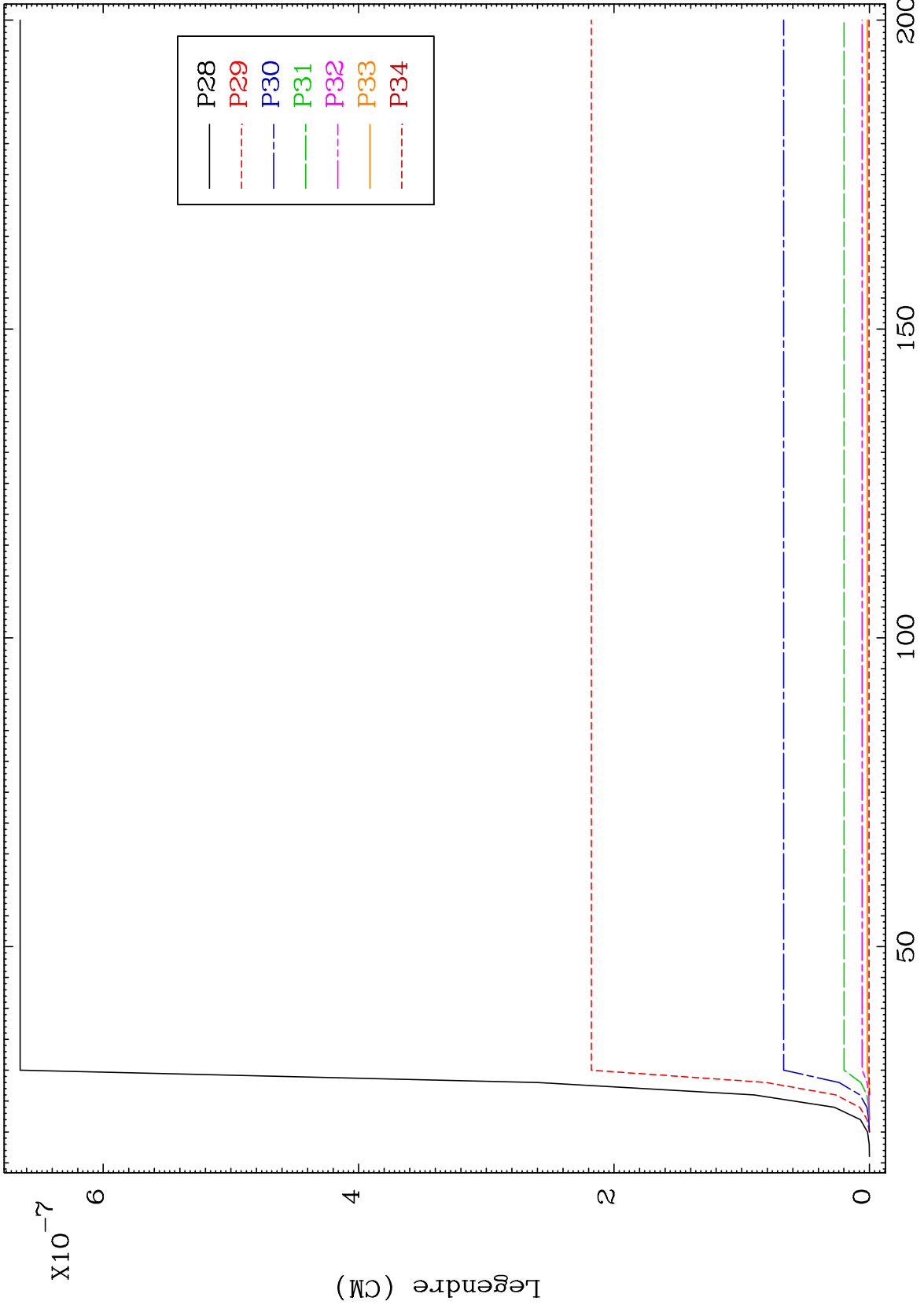
Incident Energy (MeV)

42-Mo-85

MAT 4204

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

42-Mo-85



20

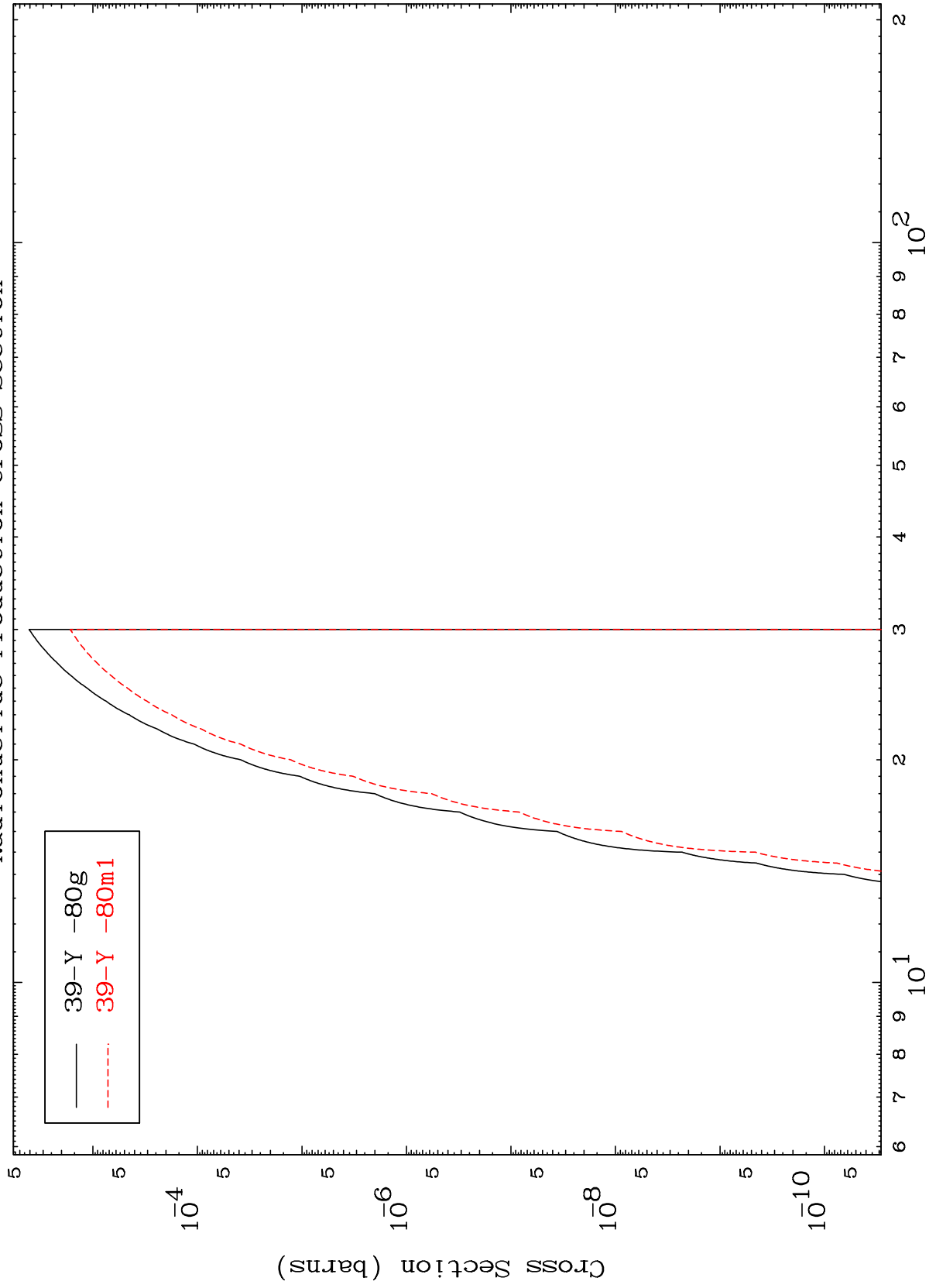
Incident Energy (MeV)

42-Mo-85

MAT 4204

42-Mo-85

(n,n') p α
Radionuclide Production Cross Section



21

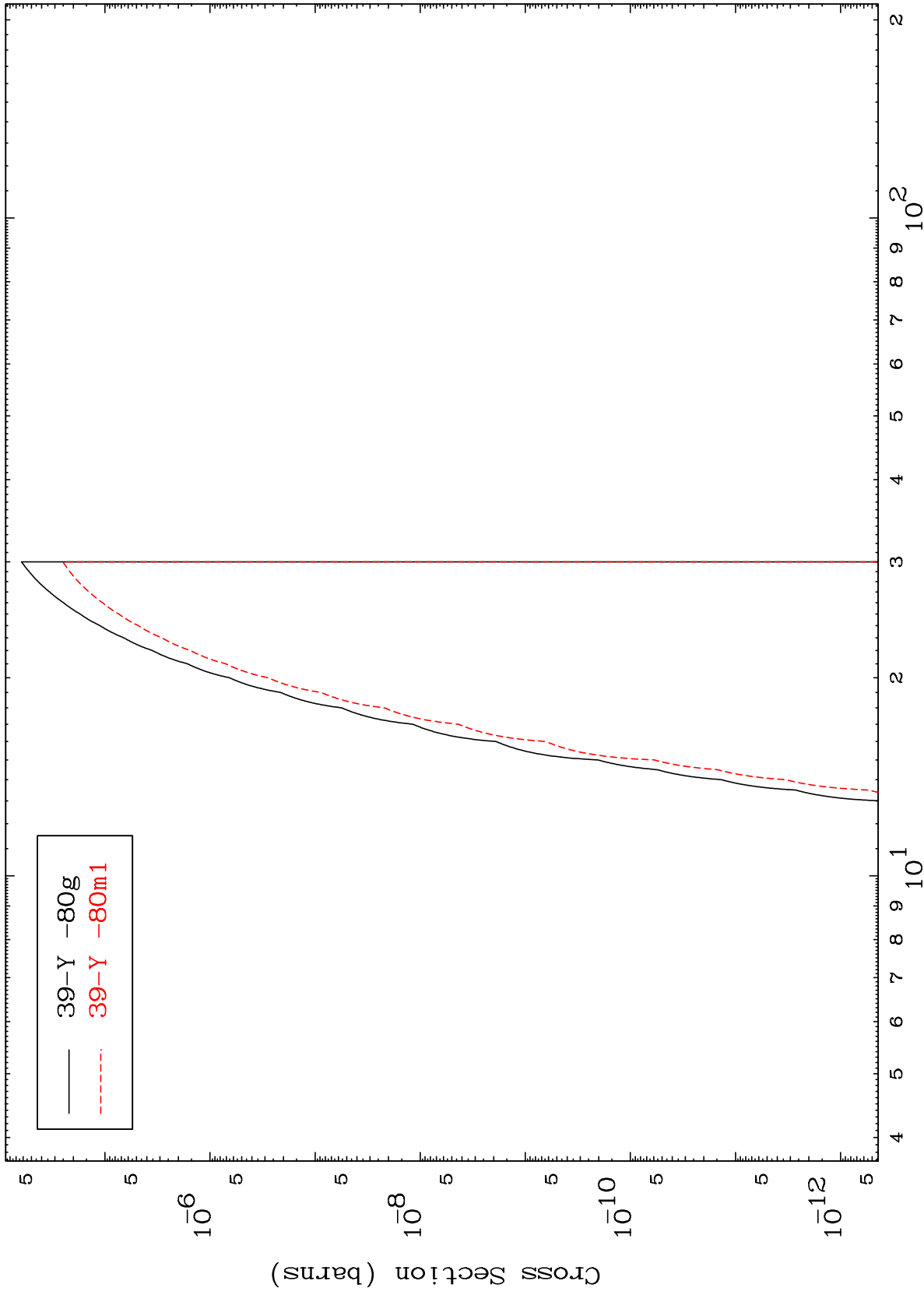
42-Mo-85

MAT 4204

(n,d) α

42-Mo-85

Radionuclide Production Cross Section



22

Incident Energy (MeV)

42-Mo-85