

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

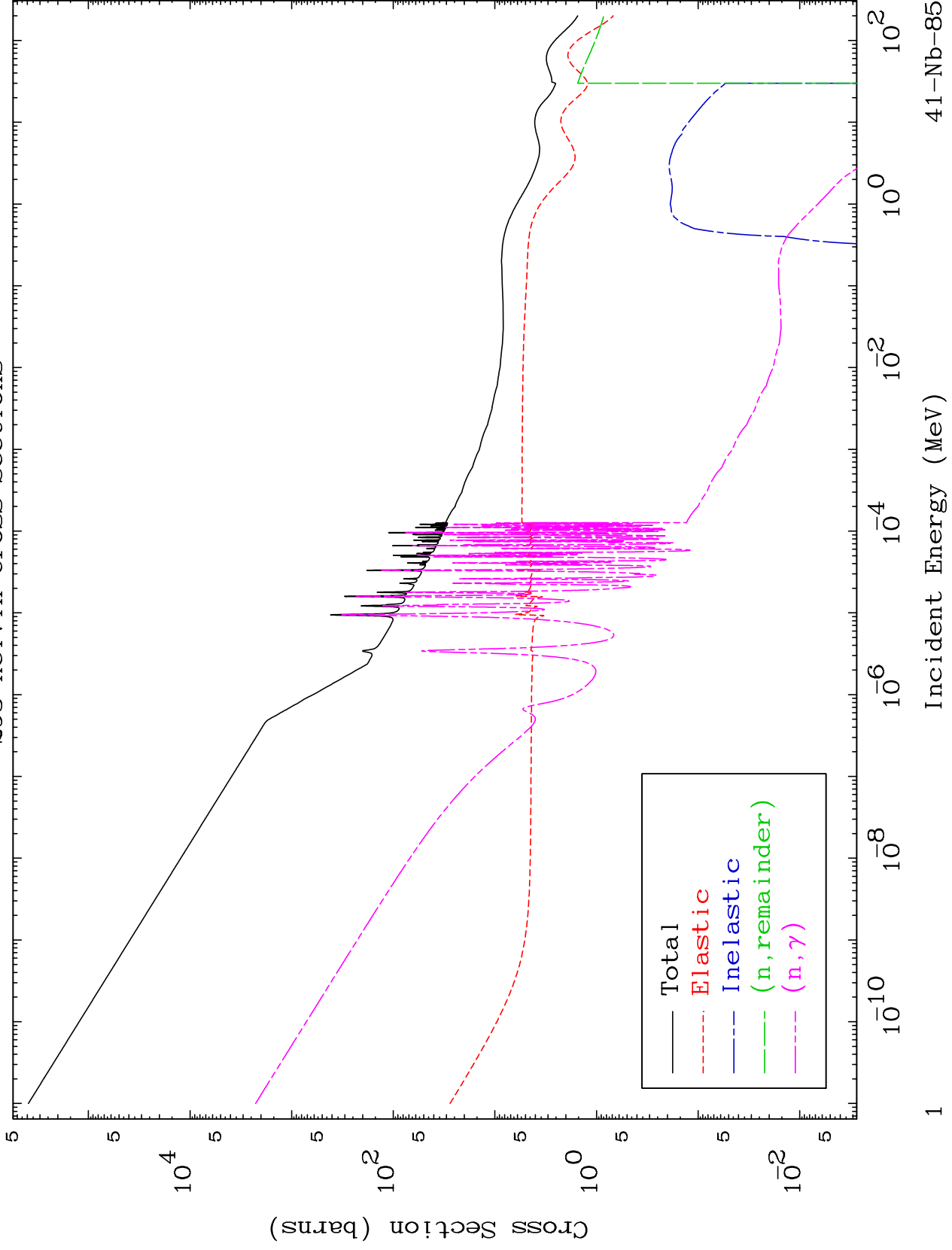
Press Mouse Button to Start

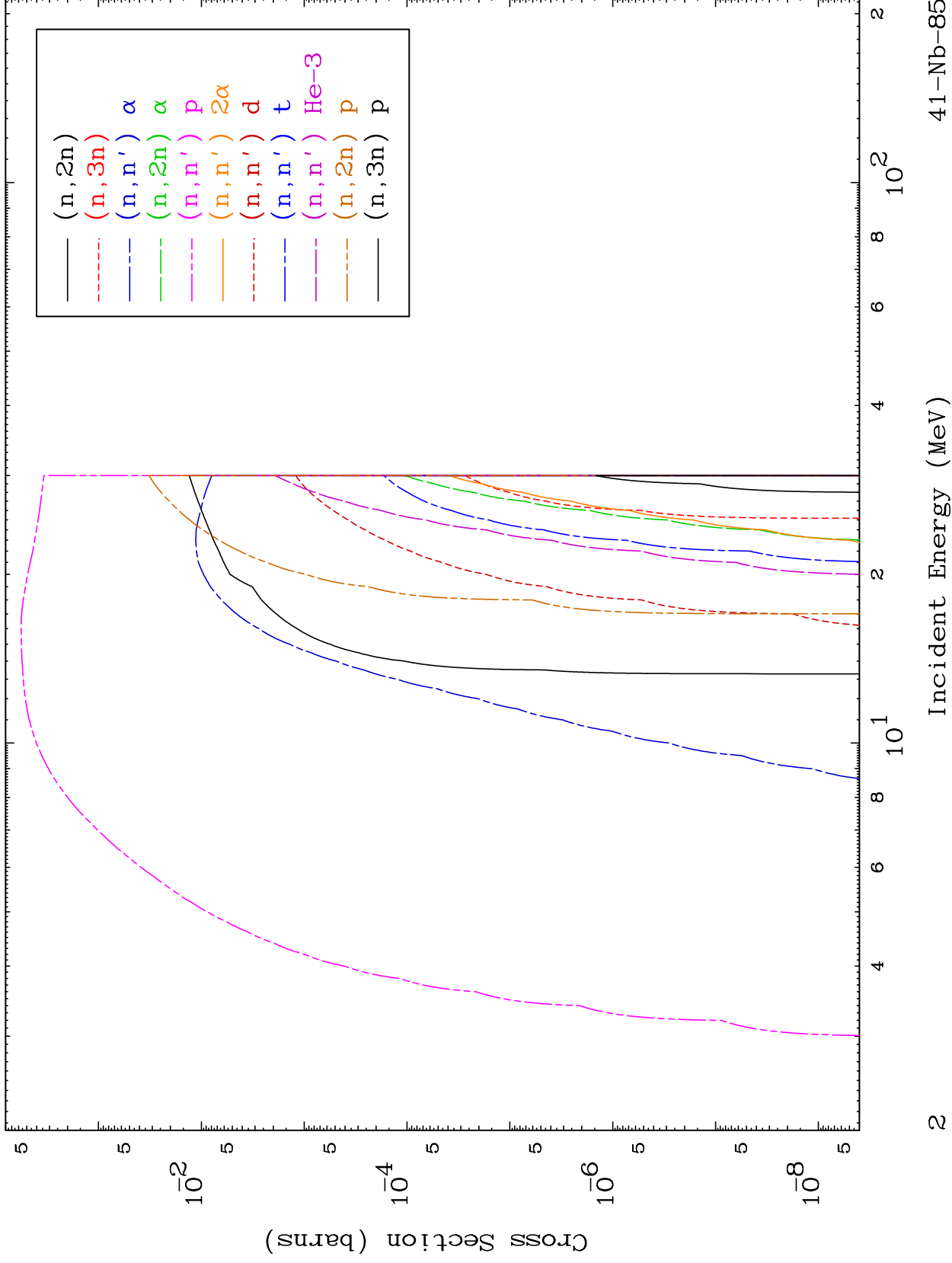
MAT 4101

Major

293 Kelvin Cross Sections

41-Nb-85

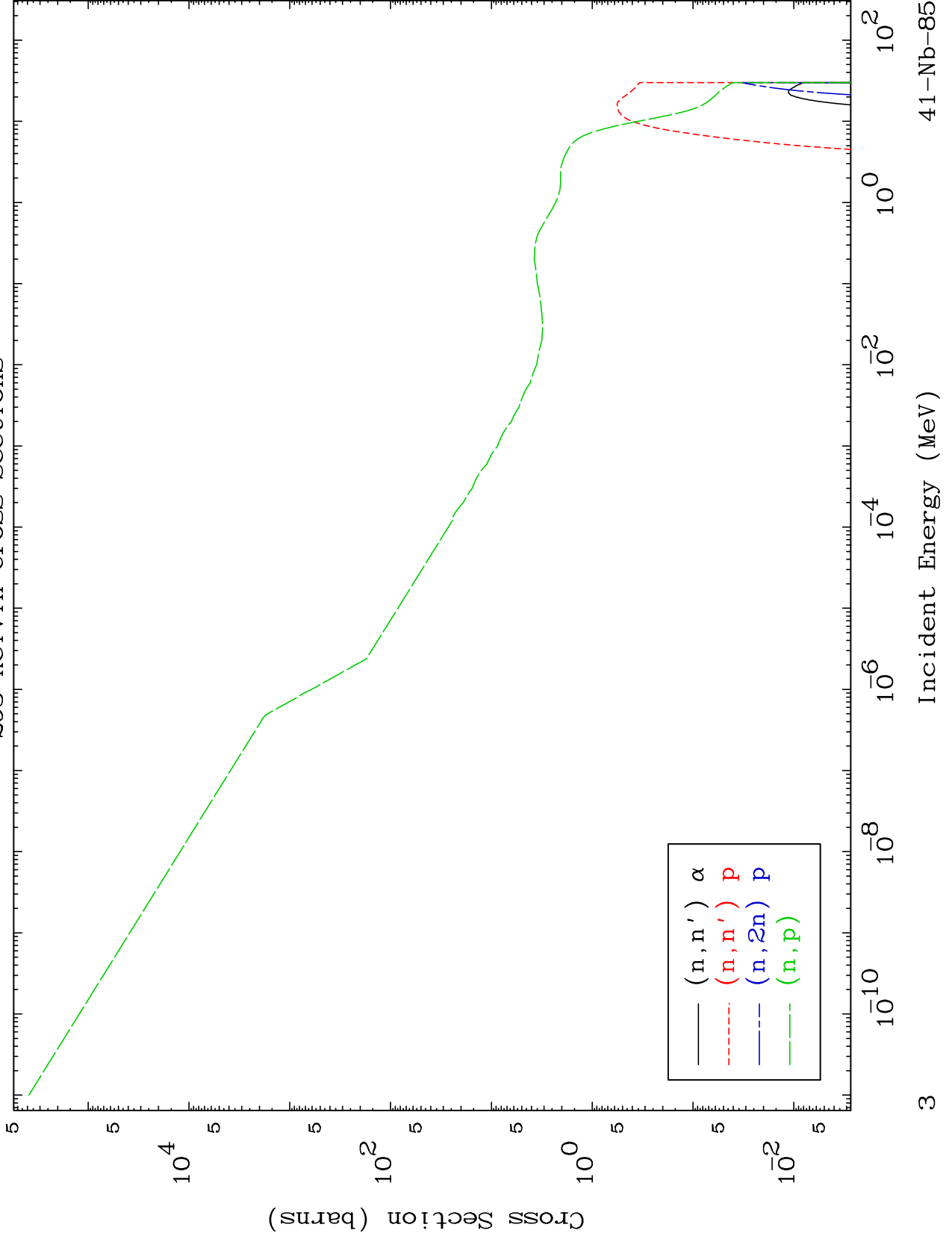




MAT 4101

Charged Particle
293 Kelvin Cross Sections

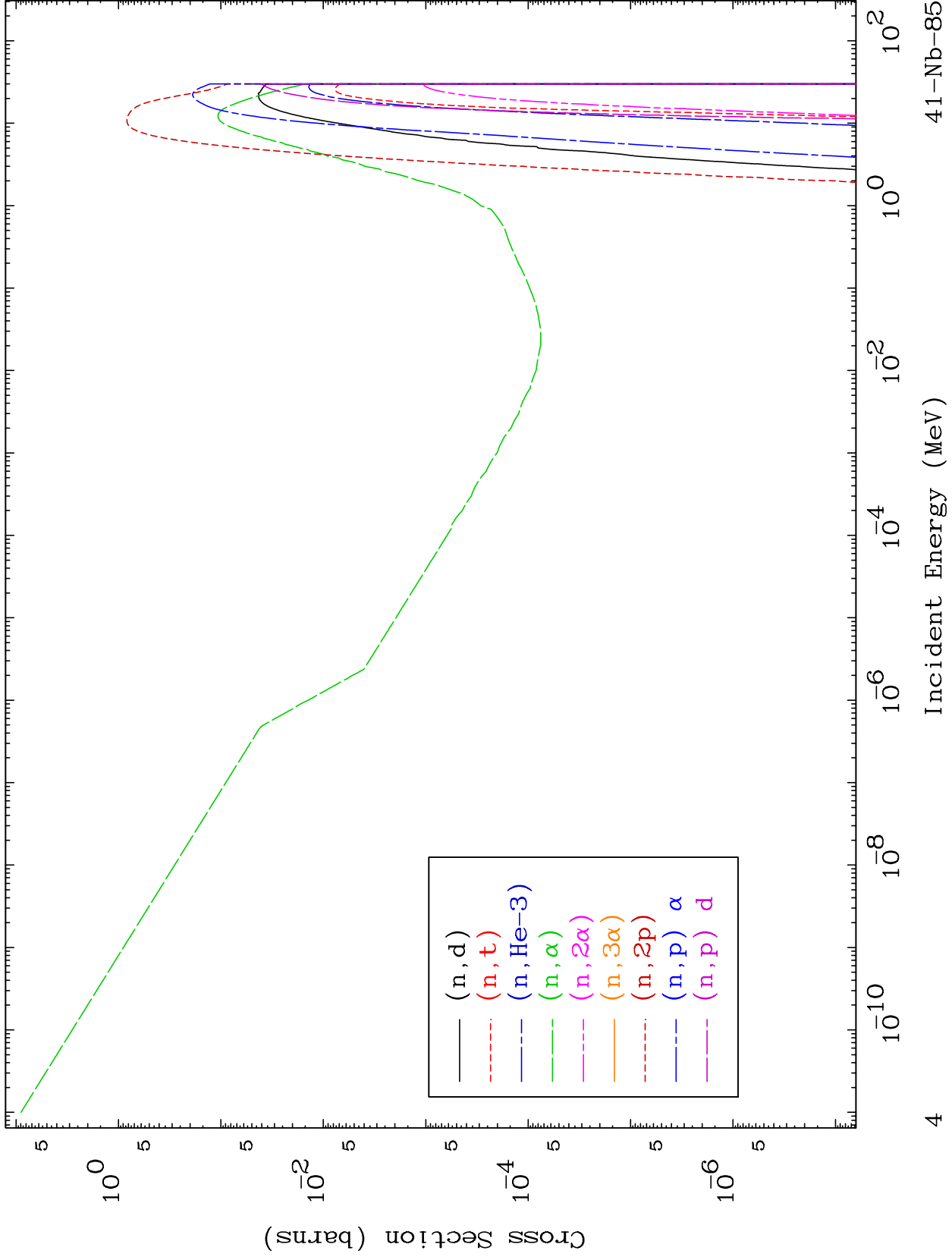
41-Nb-85

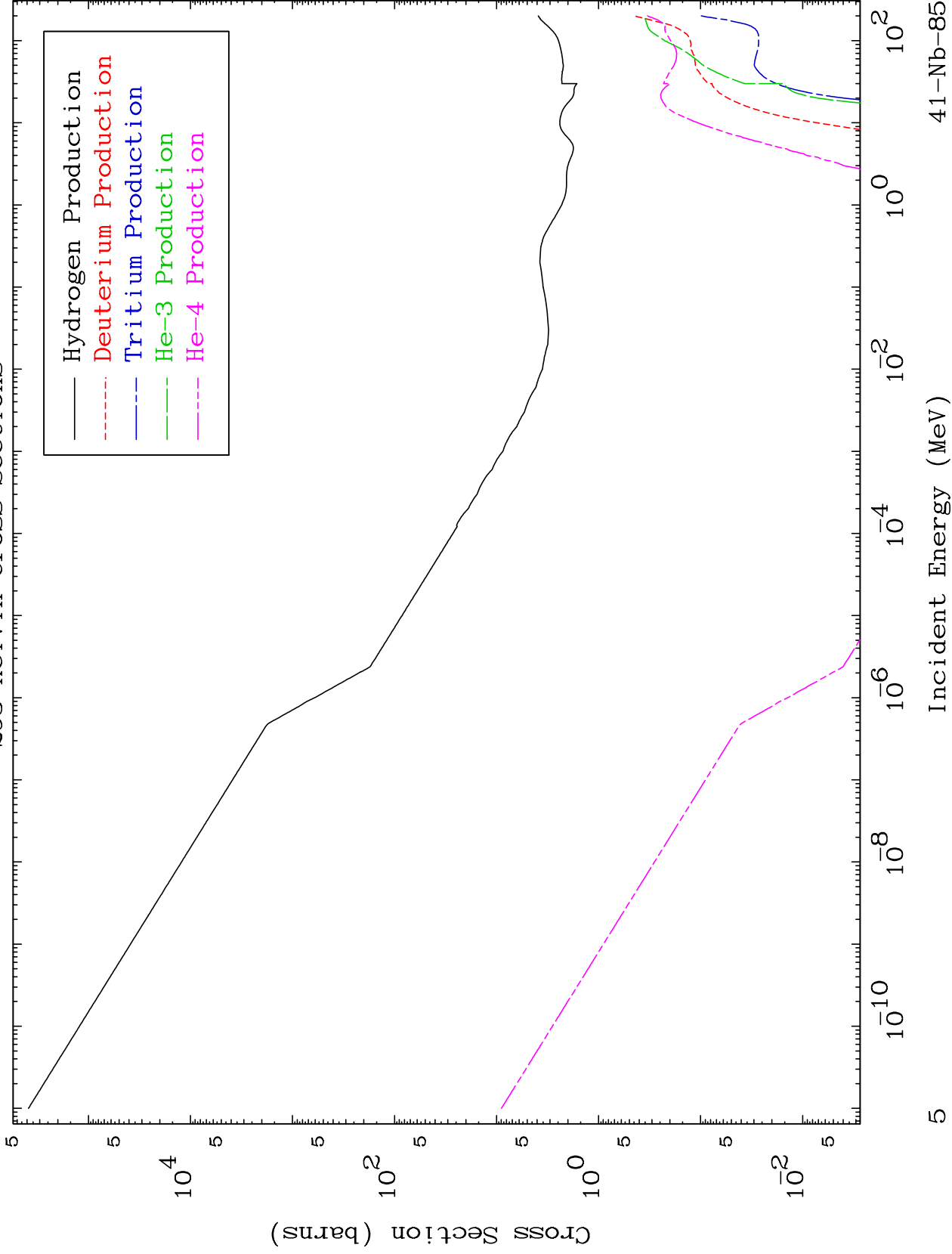


MAT 4101

Charged Particle
293 Kelvin Cross Sections

41-Nb-85



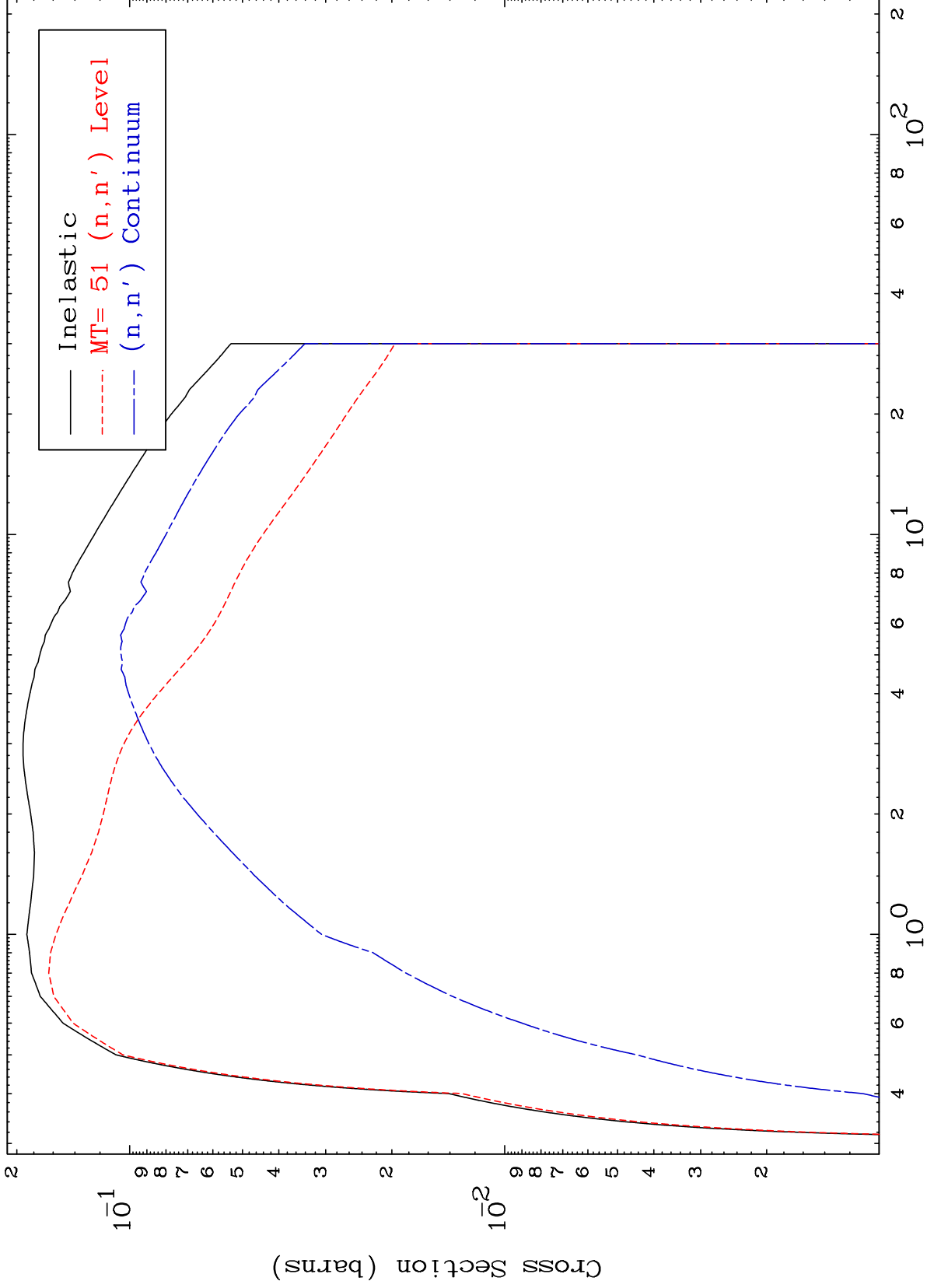


MAT 4101

(n,n') Level

41-Nb-85

293 Kelvin Cross Sections



6

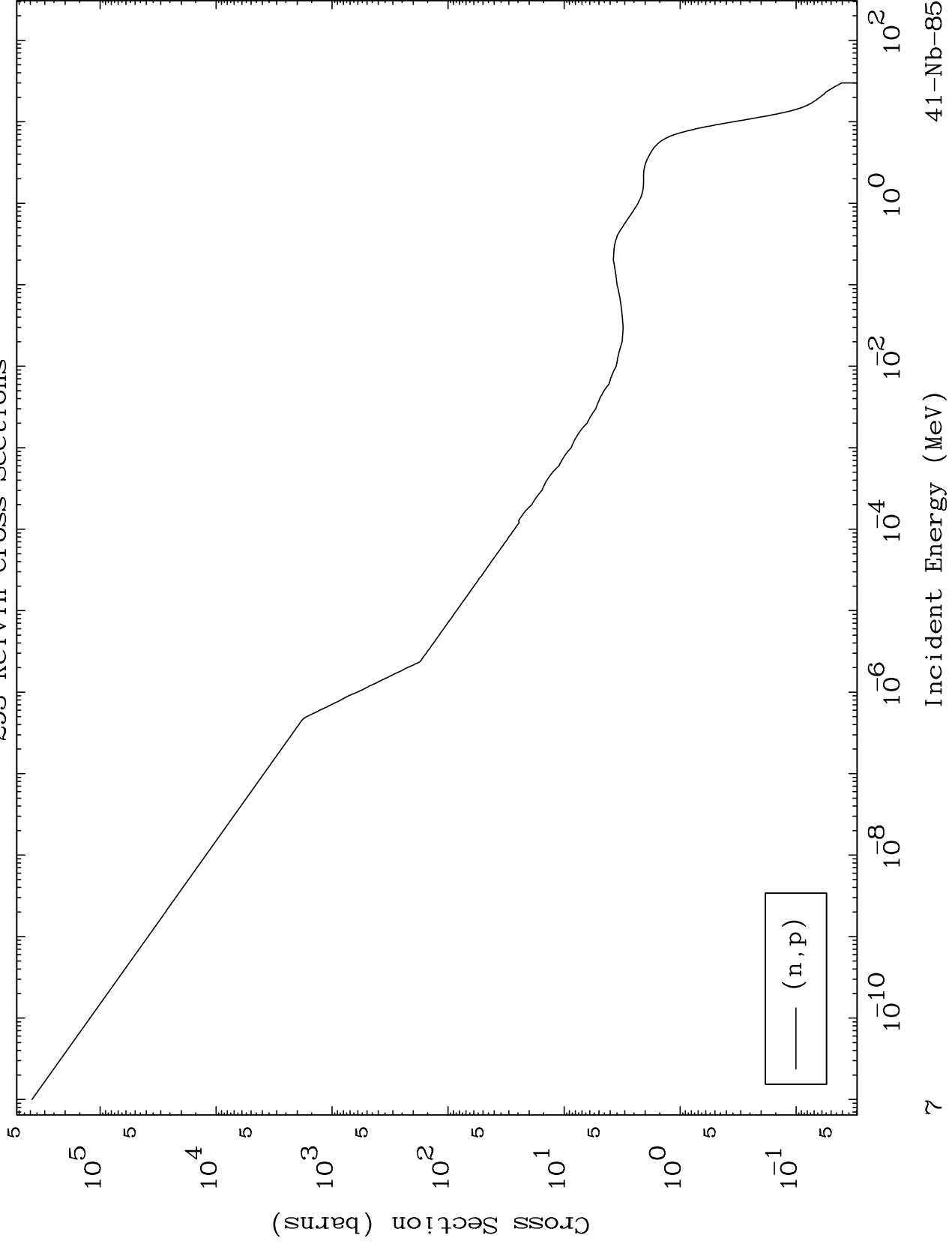
Incident Energy (MeV)

41-Nb-85

MAT 4101

(n,p) Levels
293 Kelvin Cross Sections

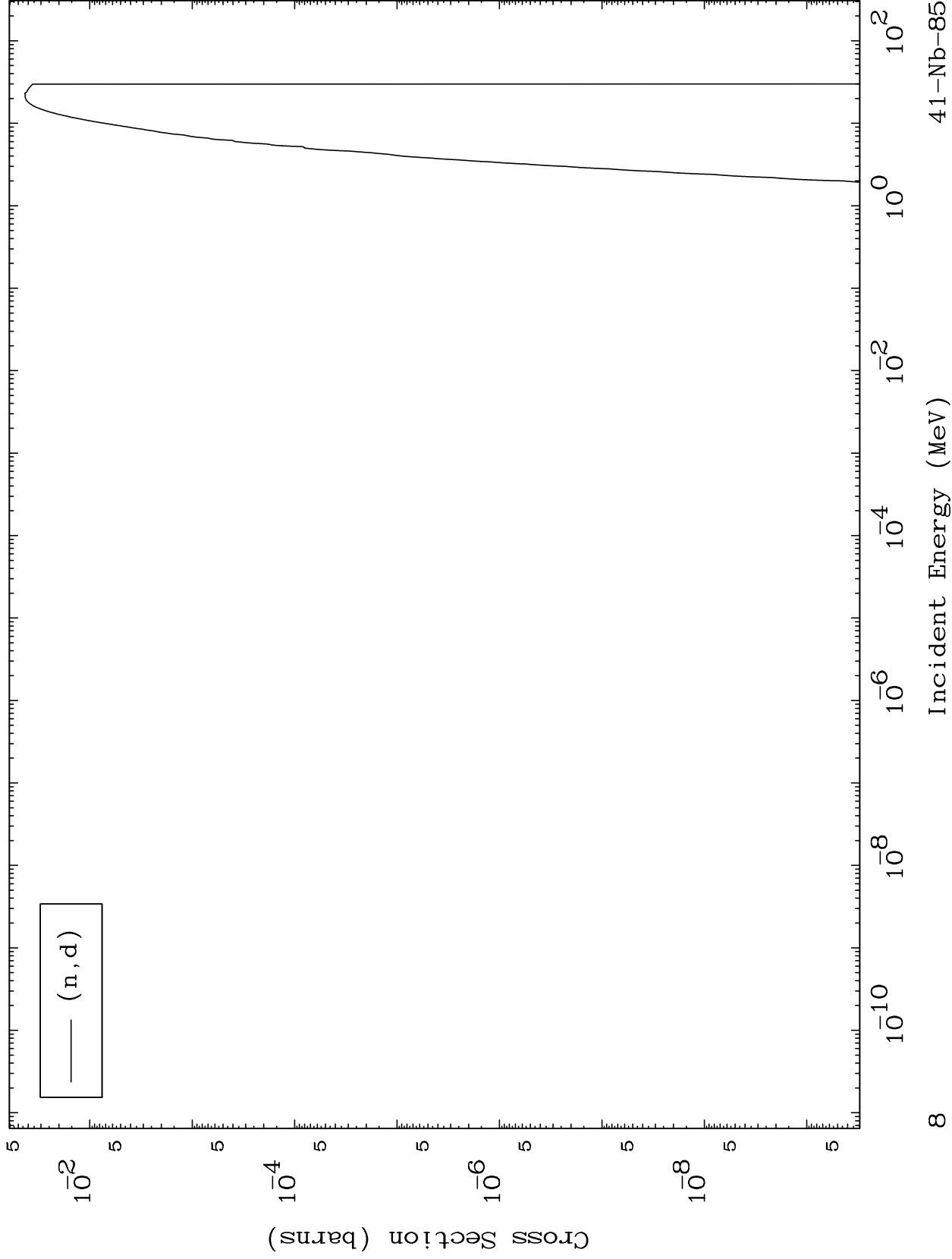
41-Nb-85



MAT 4101

(n,d) Levels
293 Kelvin Cross Sections

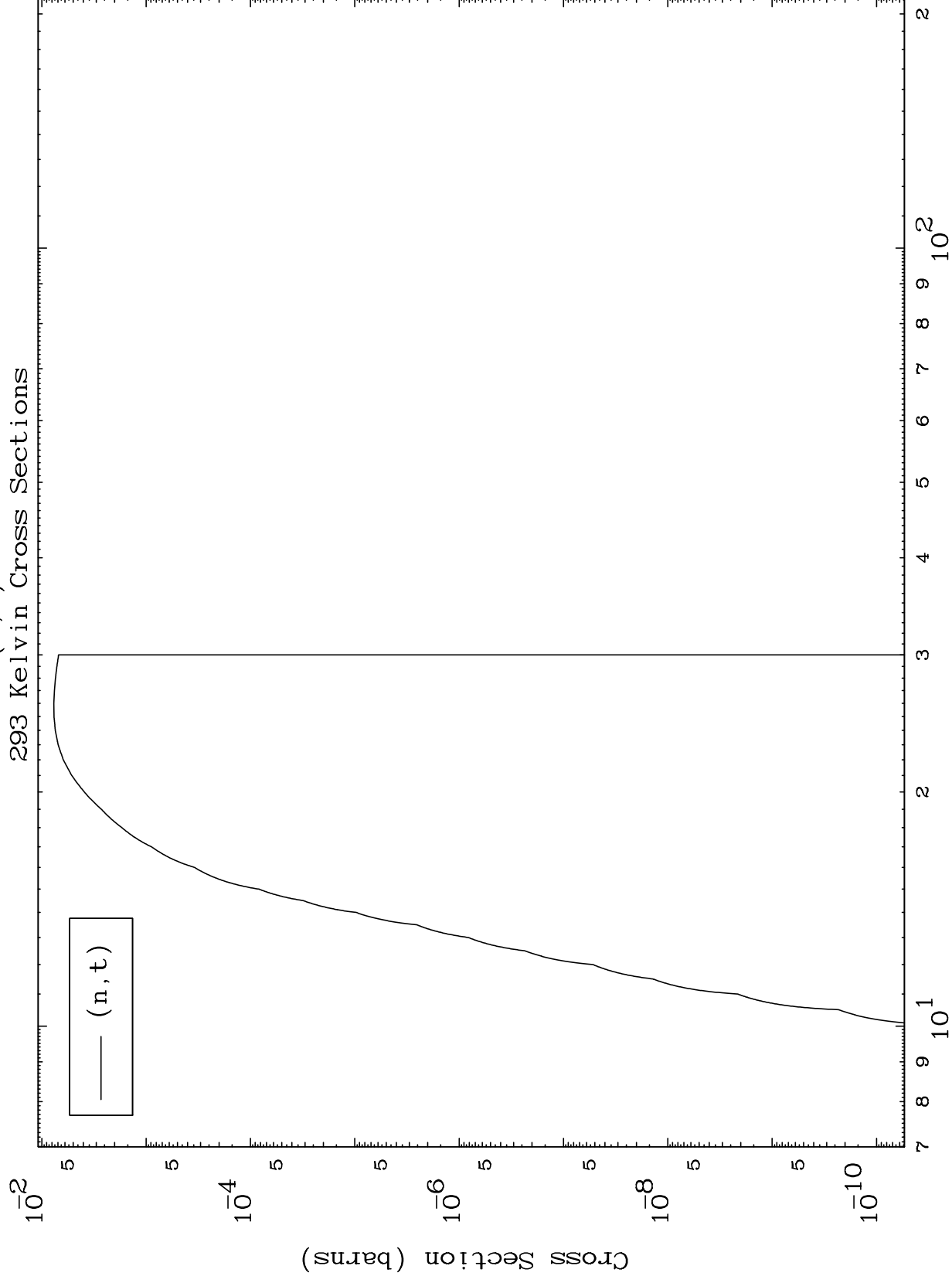
41-Nb-85



MAT 4101

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-85



9

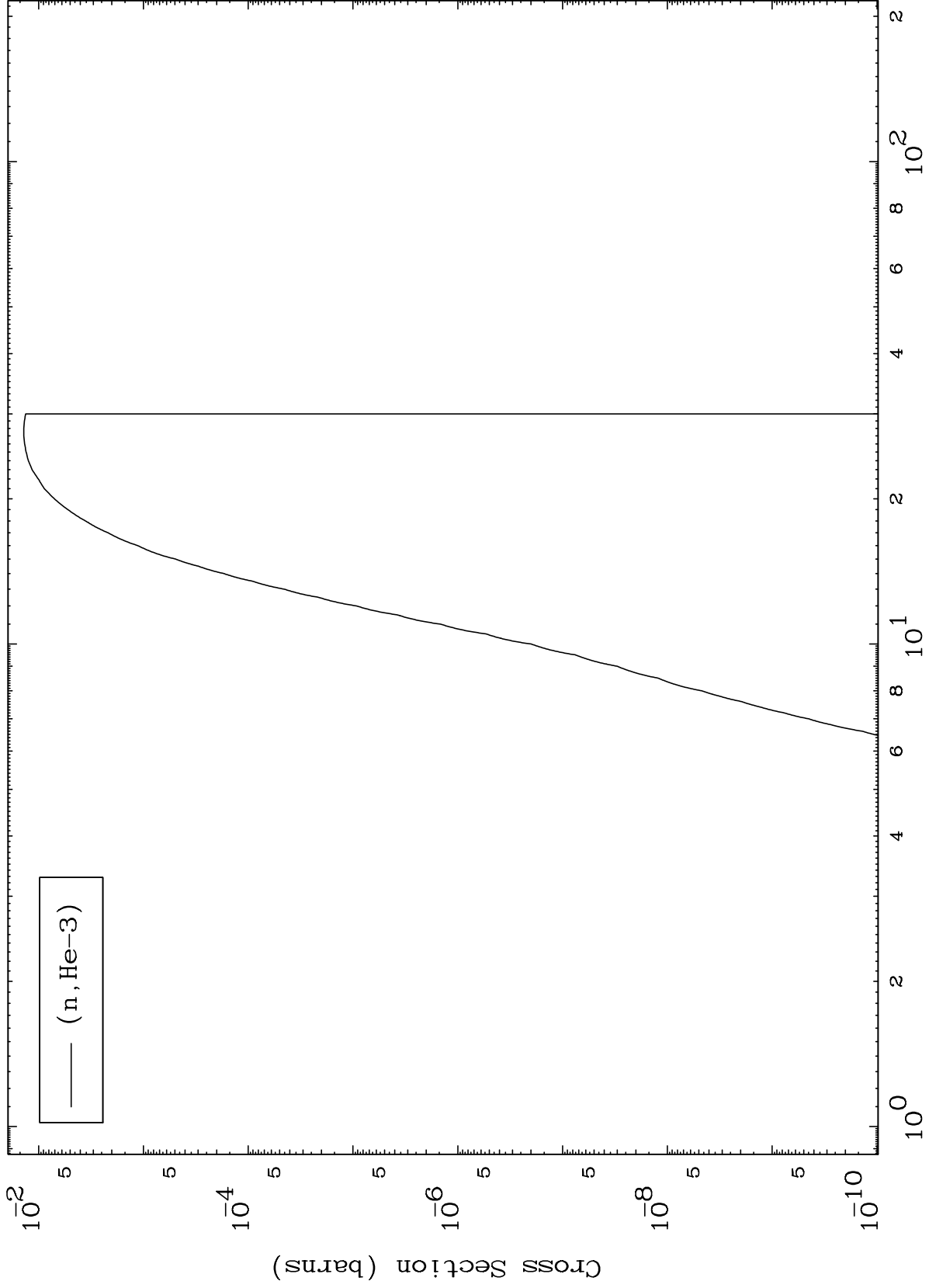
Incident Energy (MeV)

41-Nb-85

MAT 4101

(n,He3) Levels
293 Kelvin Cross Sections

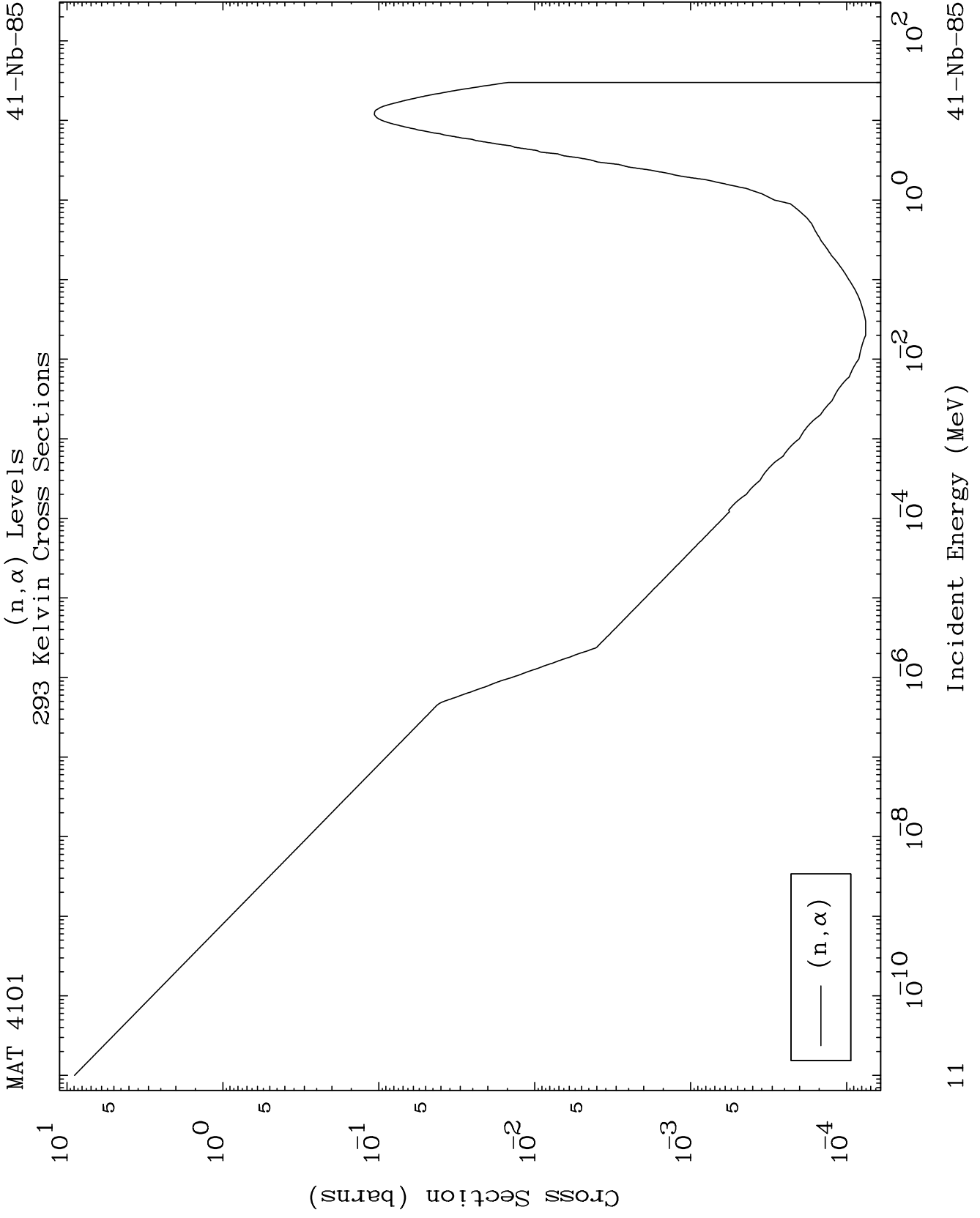
41-Nb-85

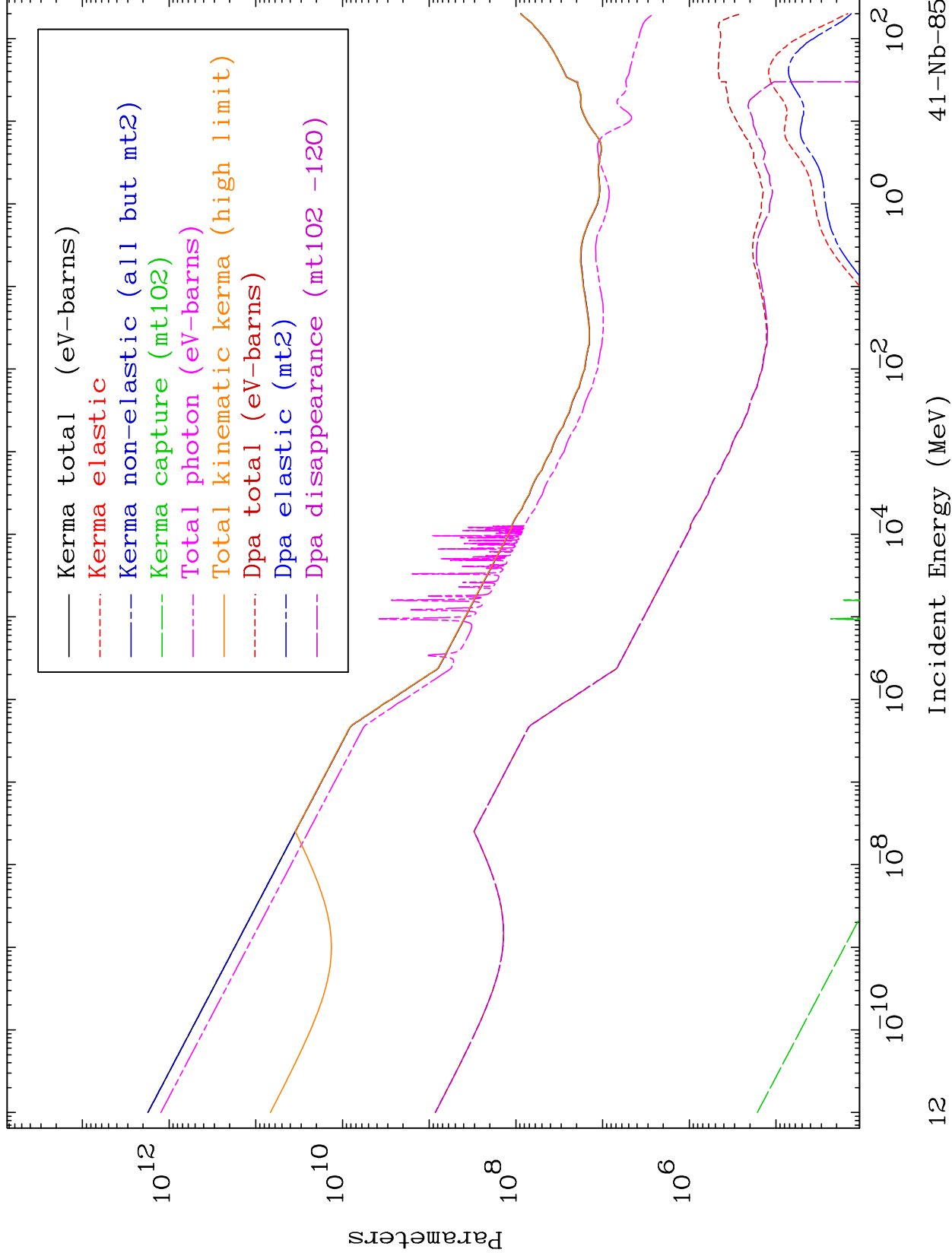


(n, He-3)

Incident Energy (MeV)

41-Nb-85

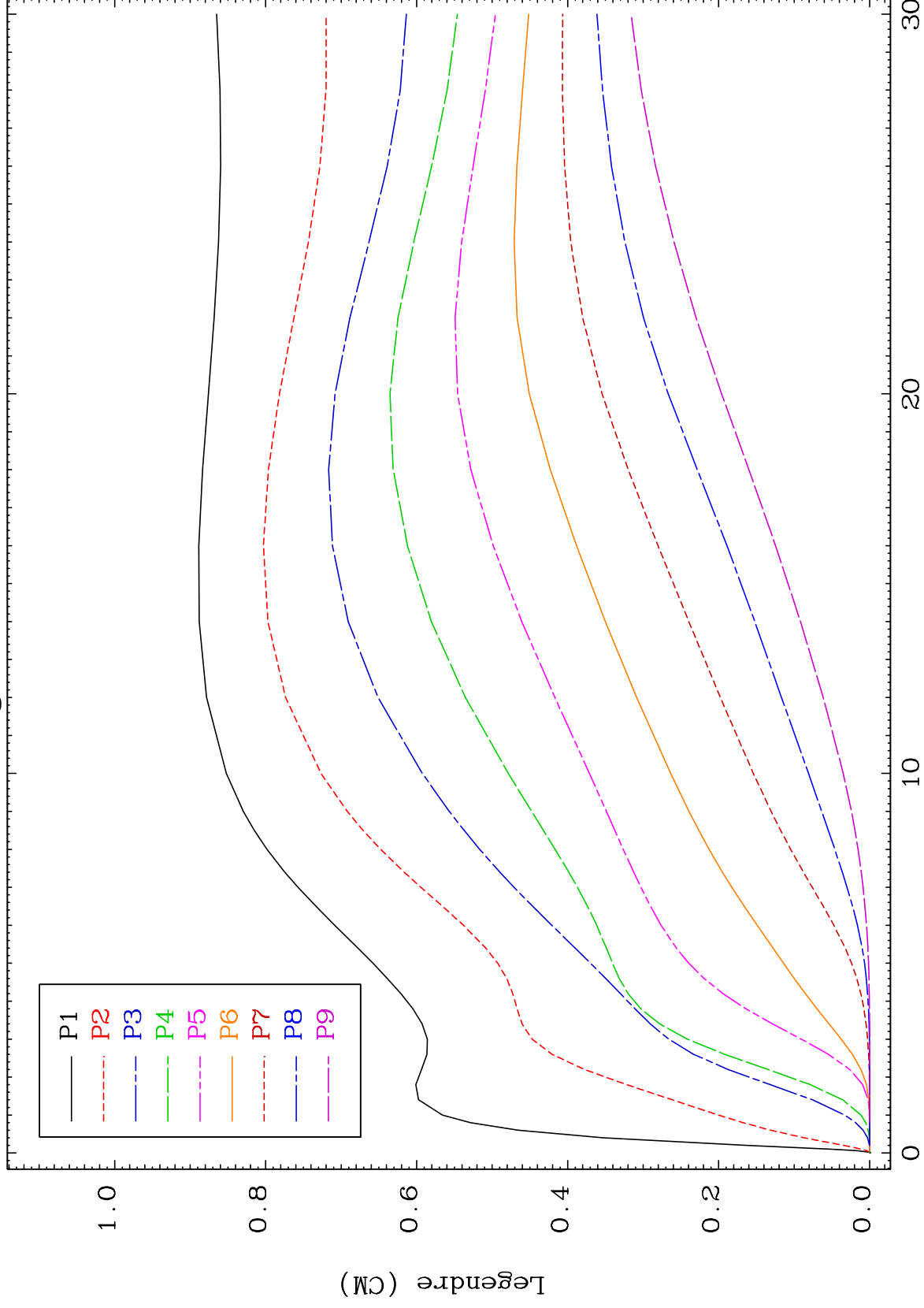




MAT 4101

Elastic Legendre Coefficients

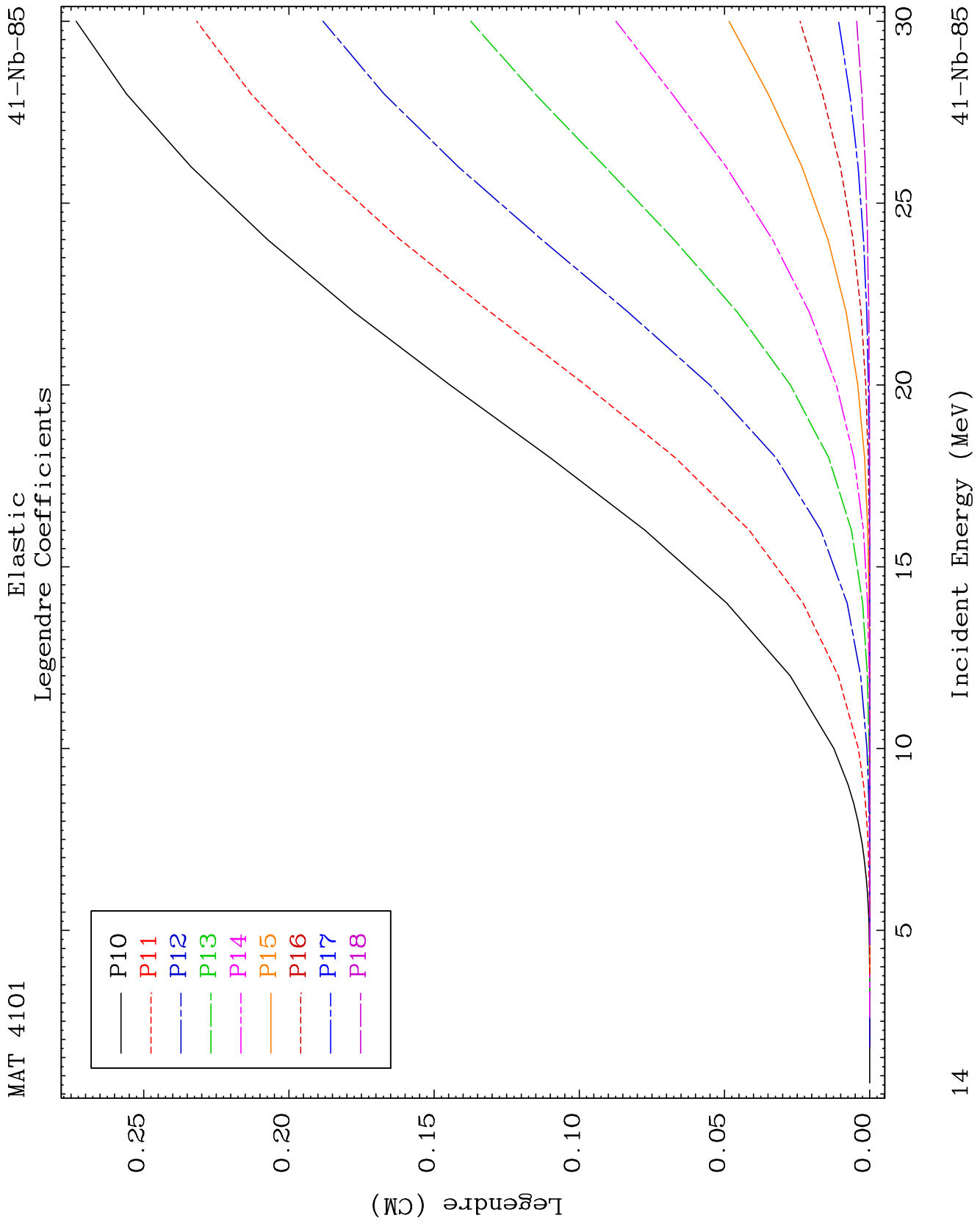
41-Nb-85

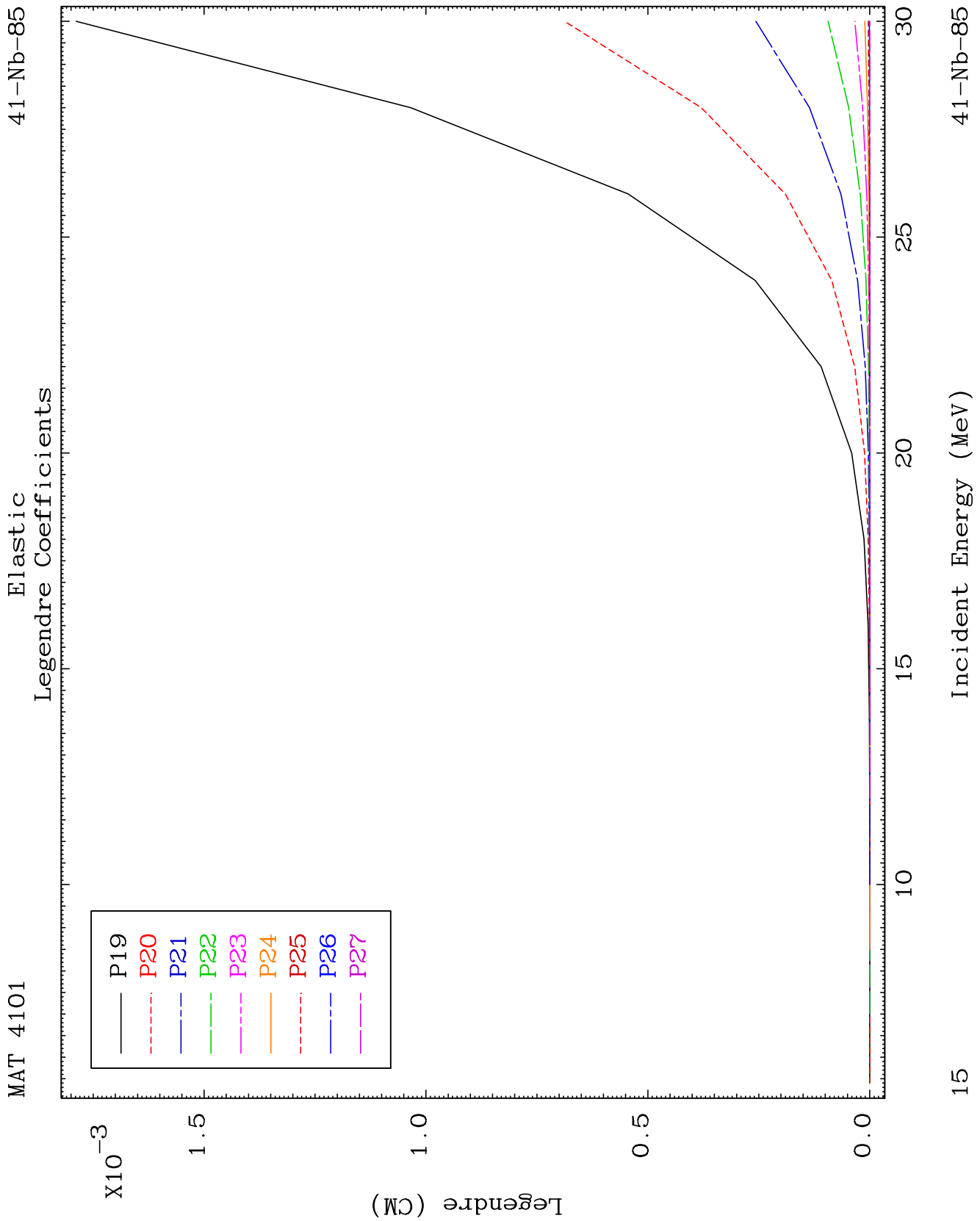


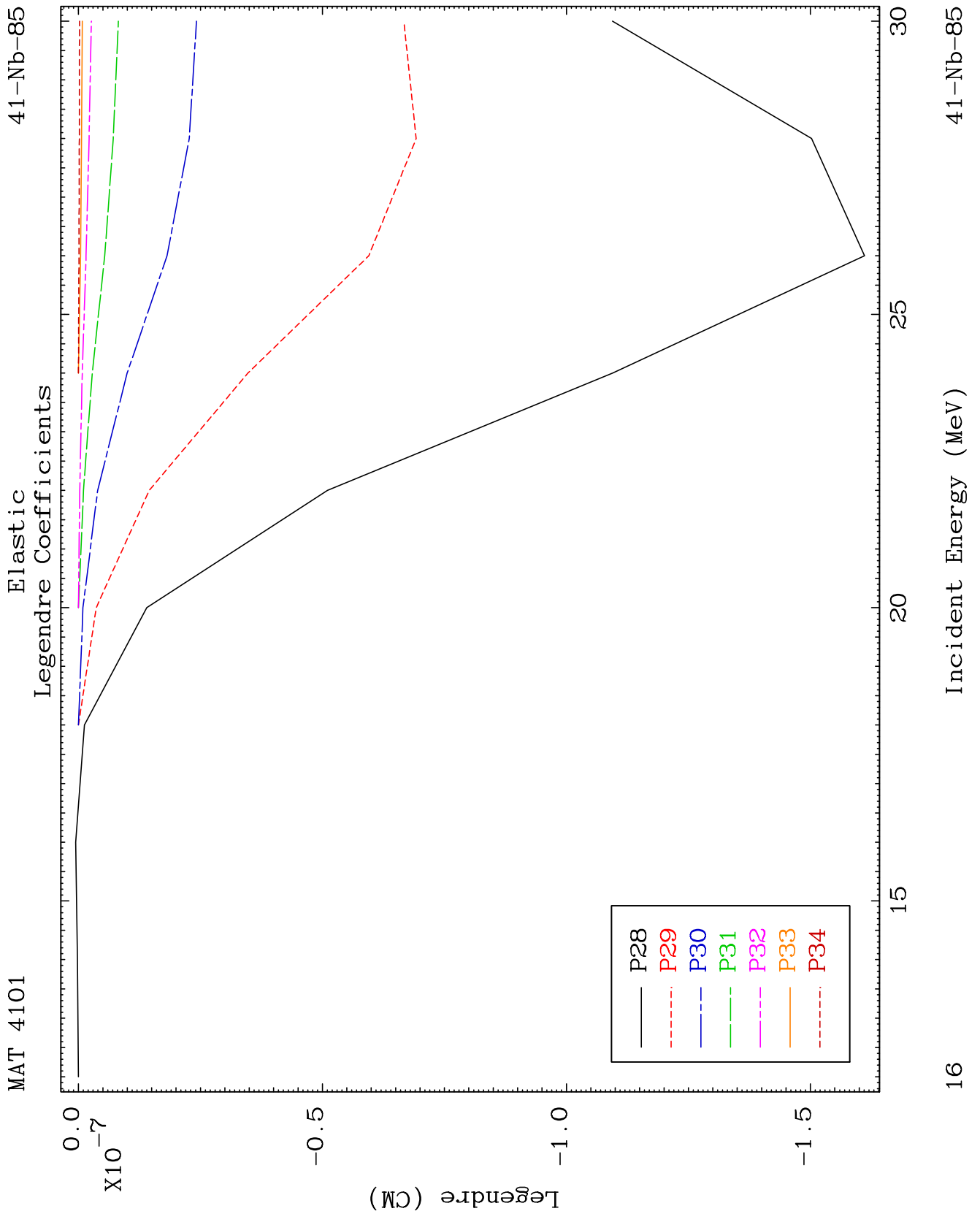
13

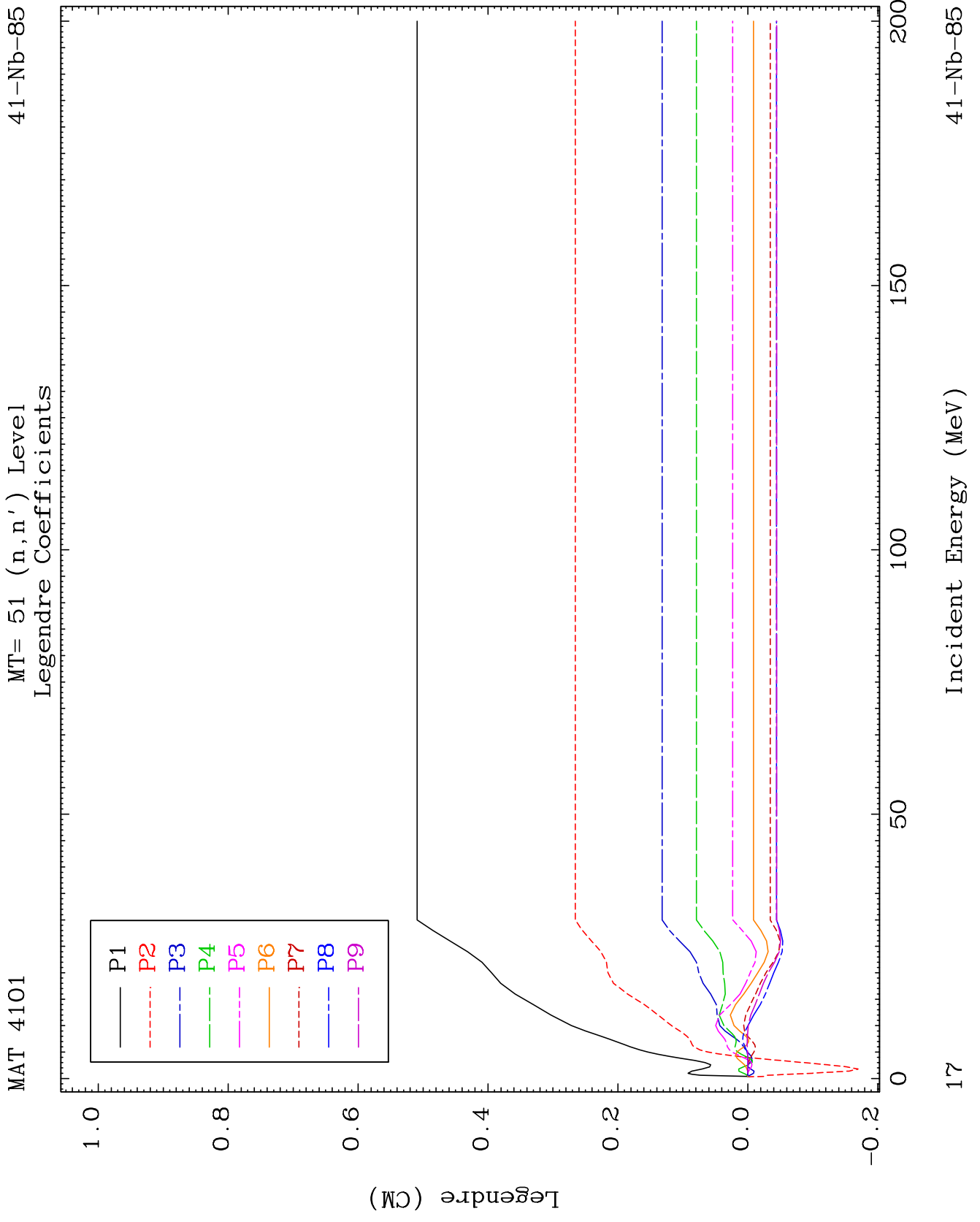
Incident Energy (MeV)

41-Nb-85





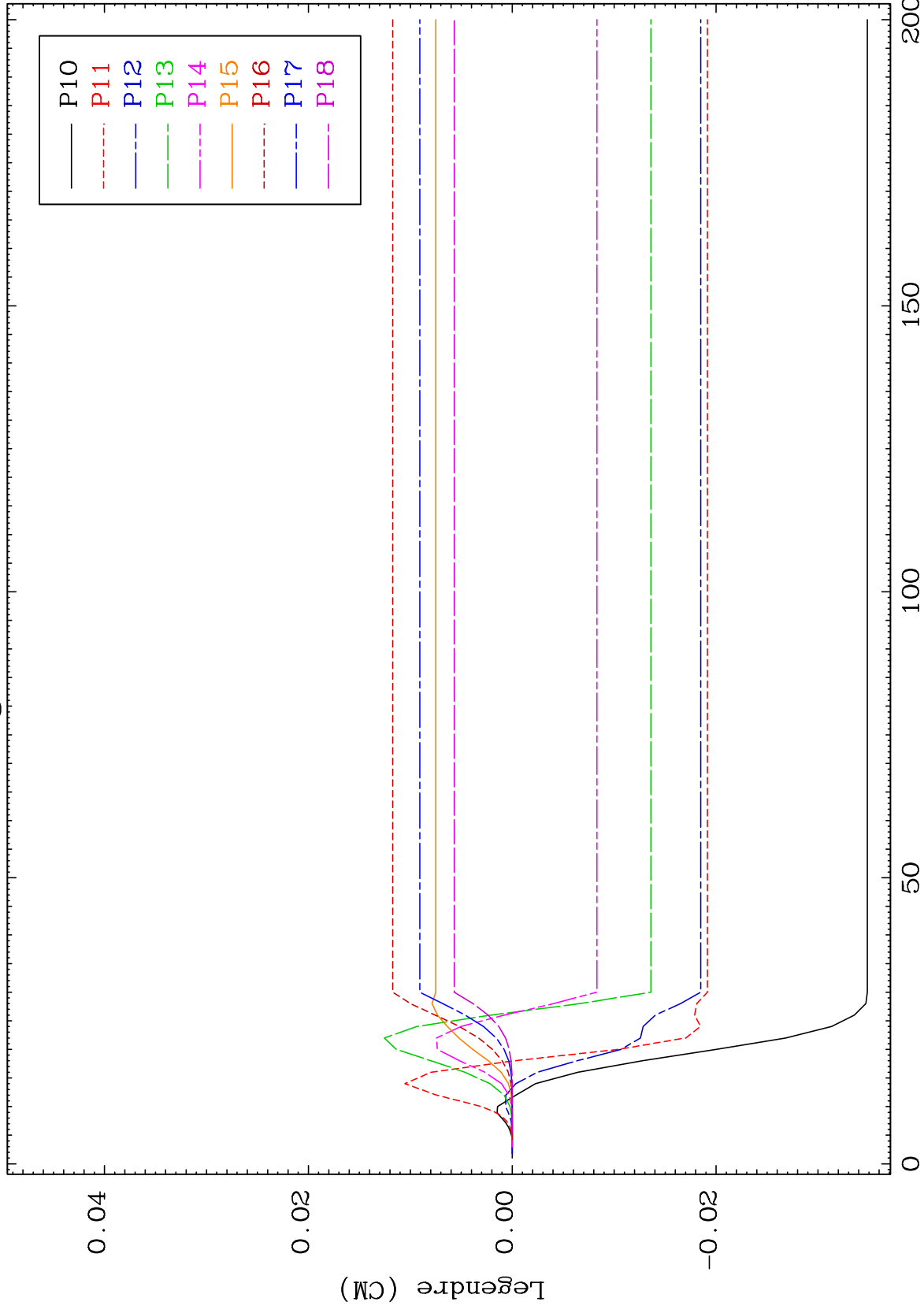




MAT 4101

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

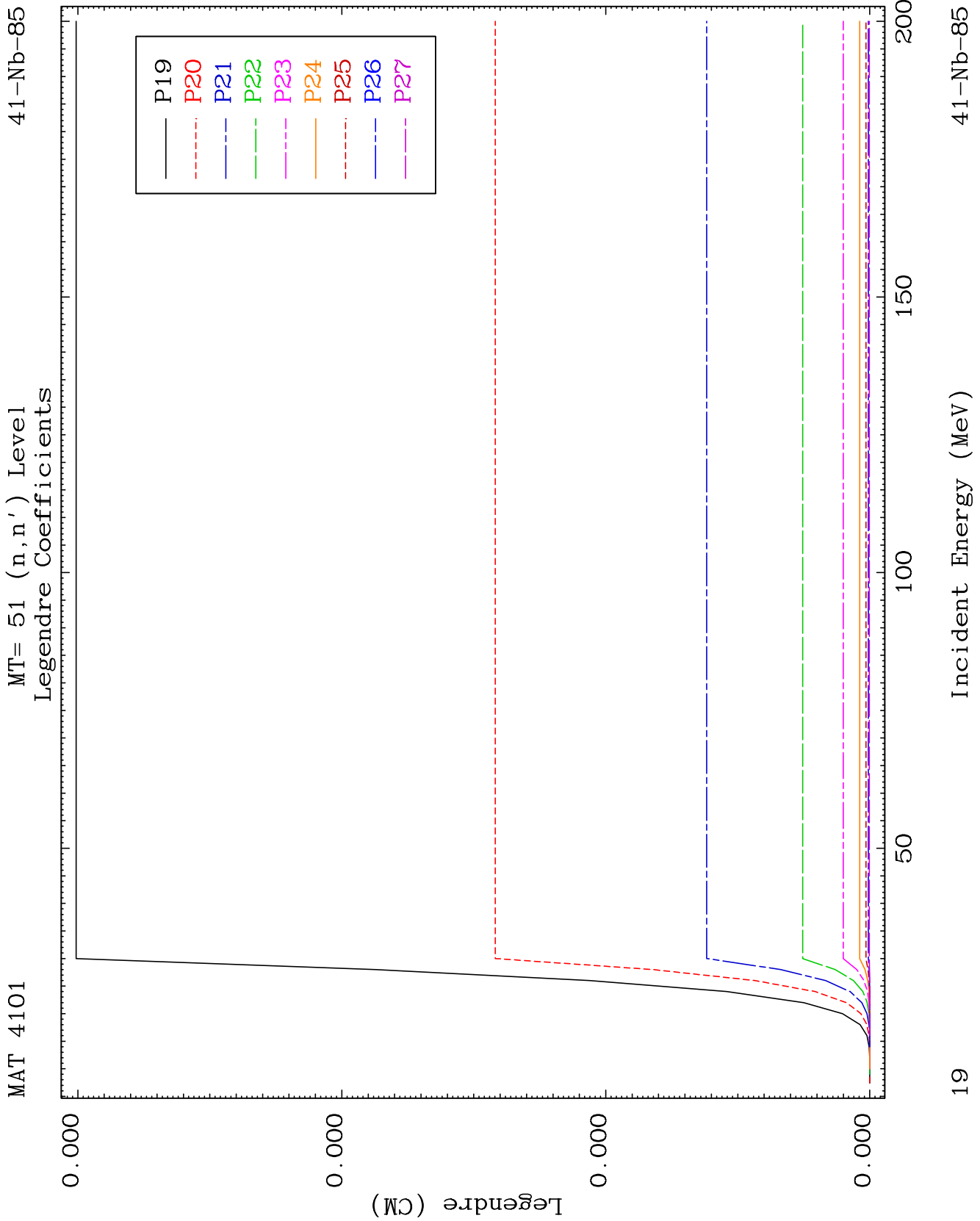
41-Nb-85

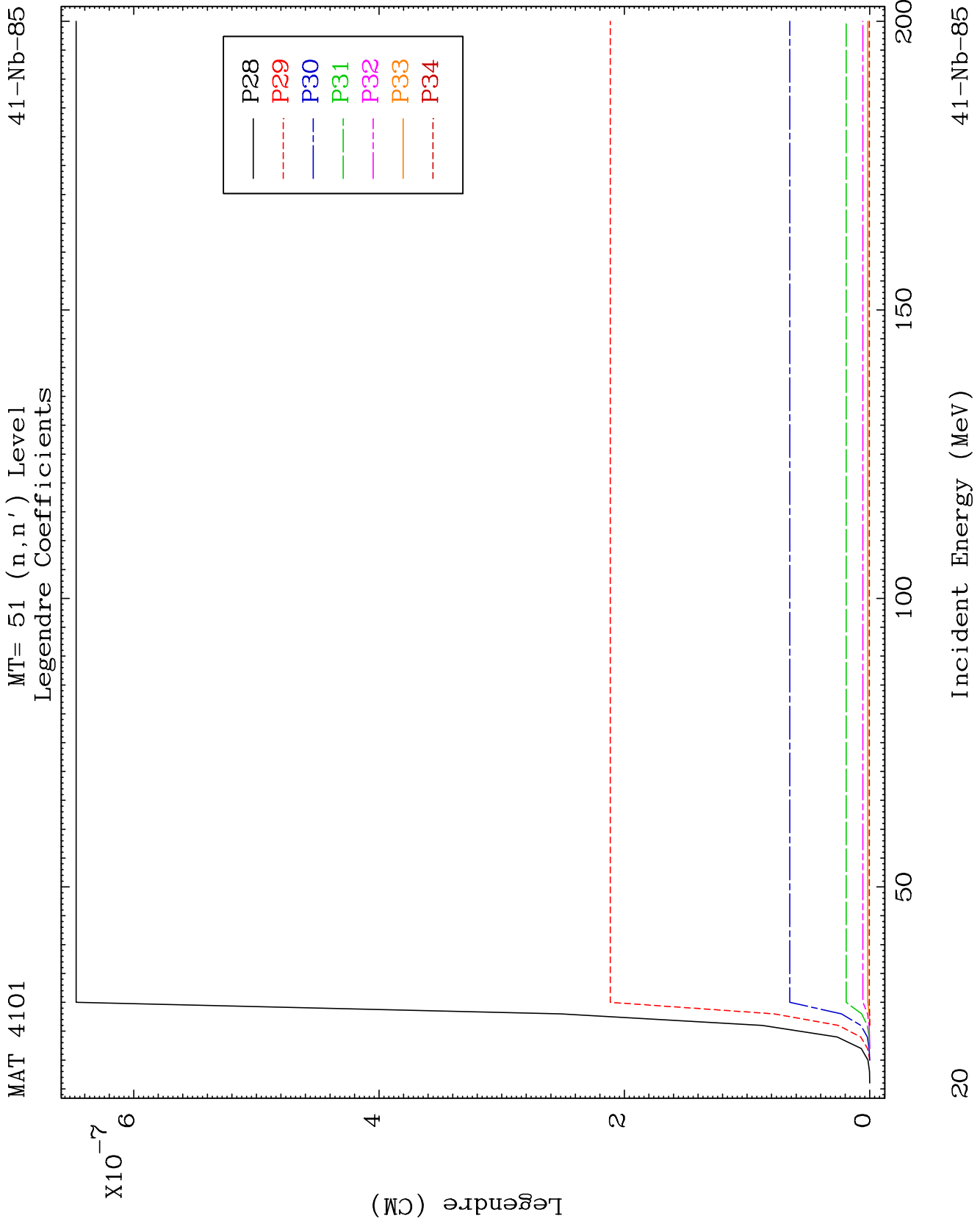


18

Incident Energy (MeV)

41-Nb-85

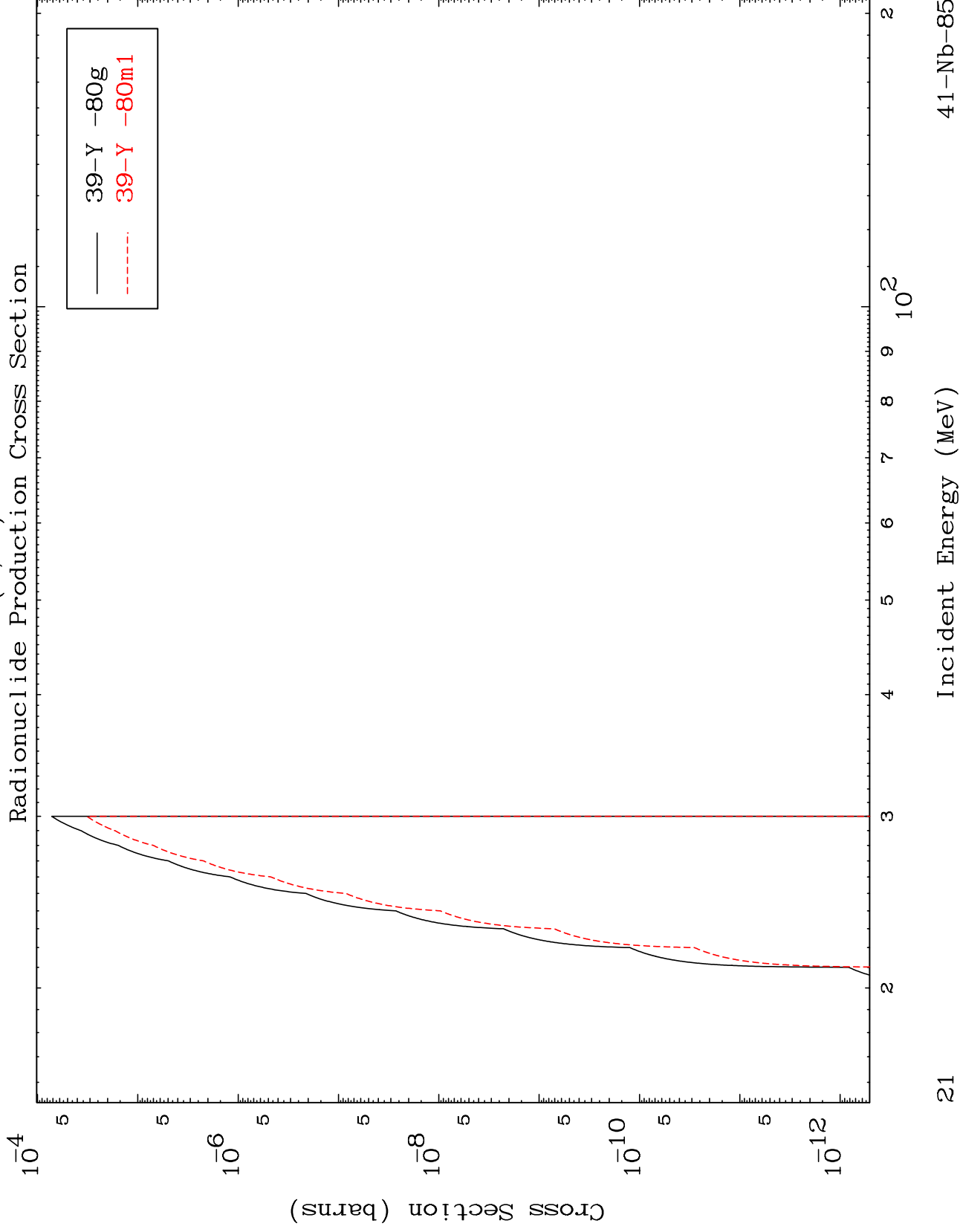




MAT 4101

(n,2n) α

41-Nb-85



21

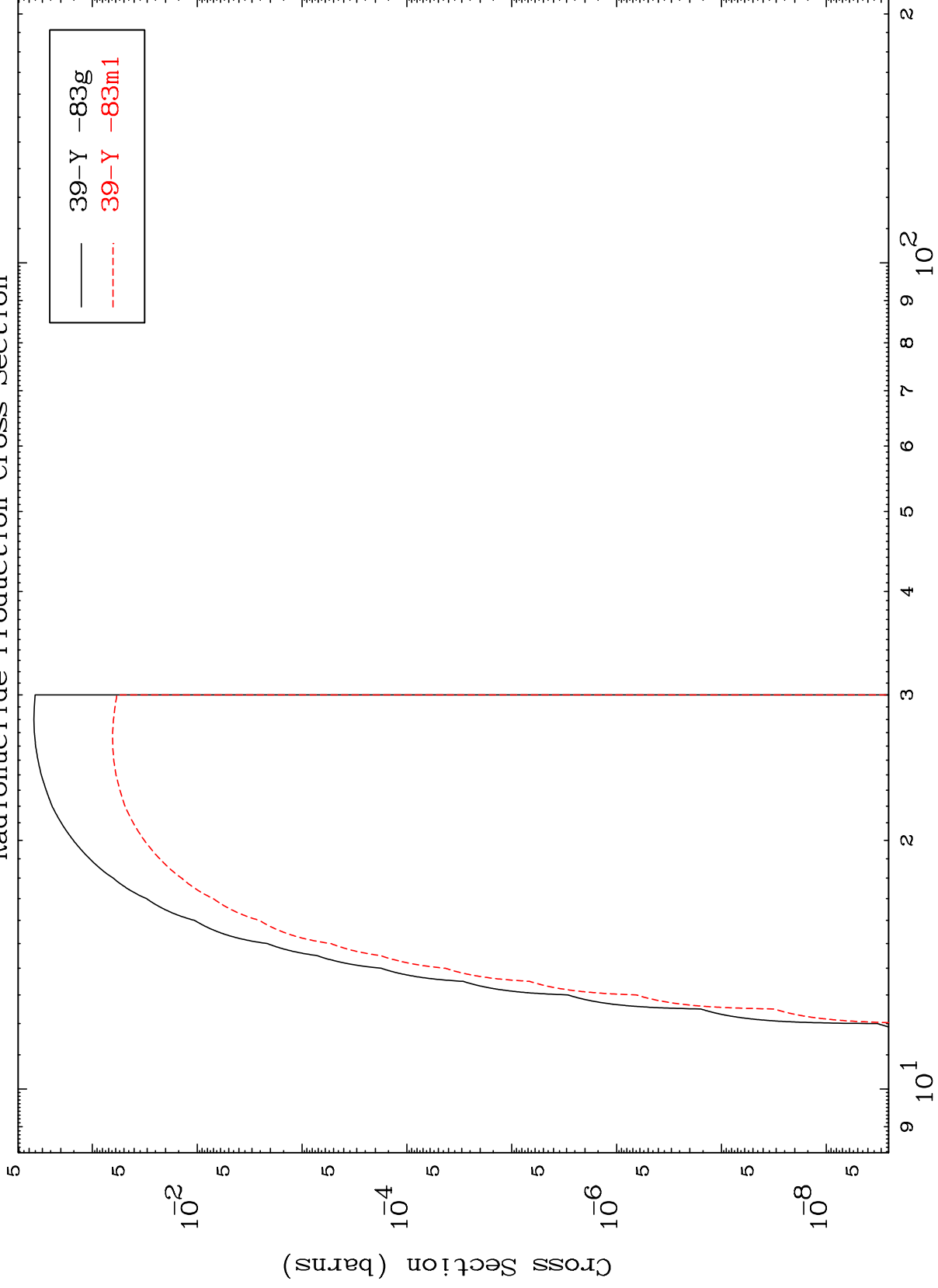
41-Nb-85

MAT 4101

(n,2n) p

41-Nb-85

Radionuclide Production Cross Section



22

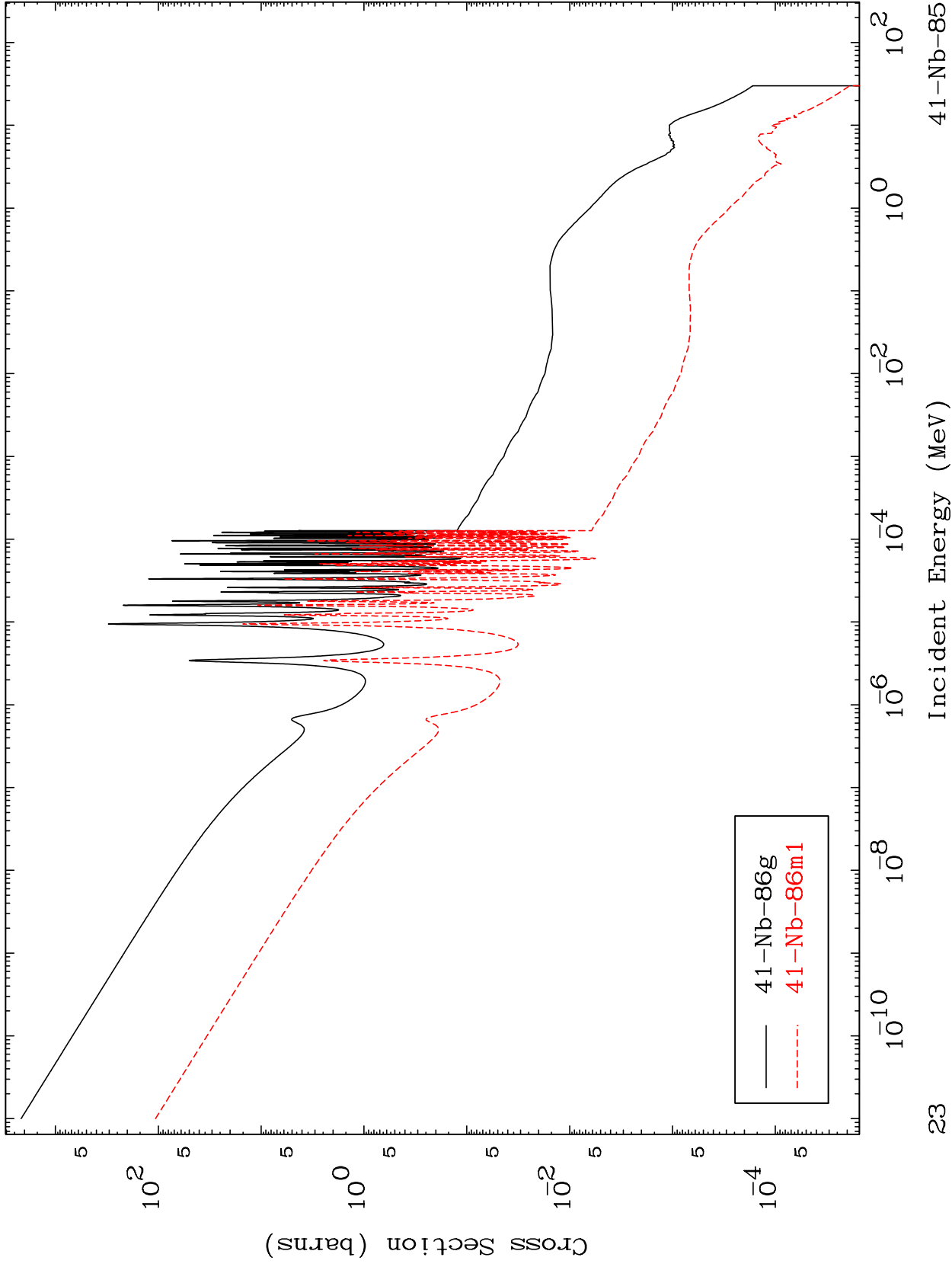
Incident Energy (MeV)

41-Nb-85

MAT 4101

41-Nb-85

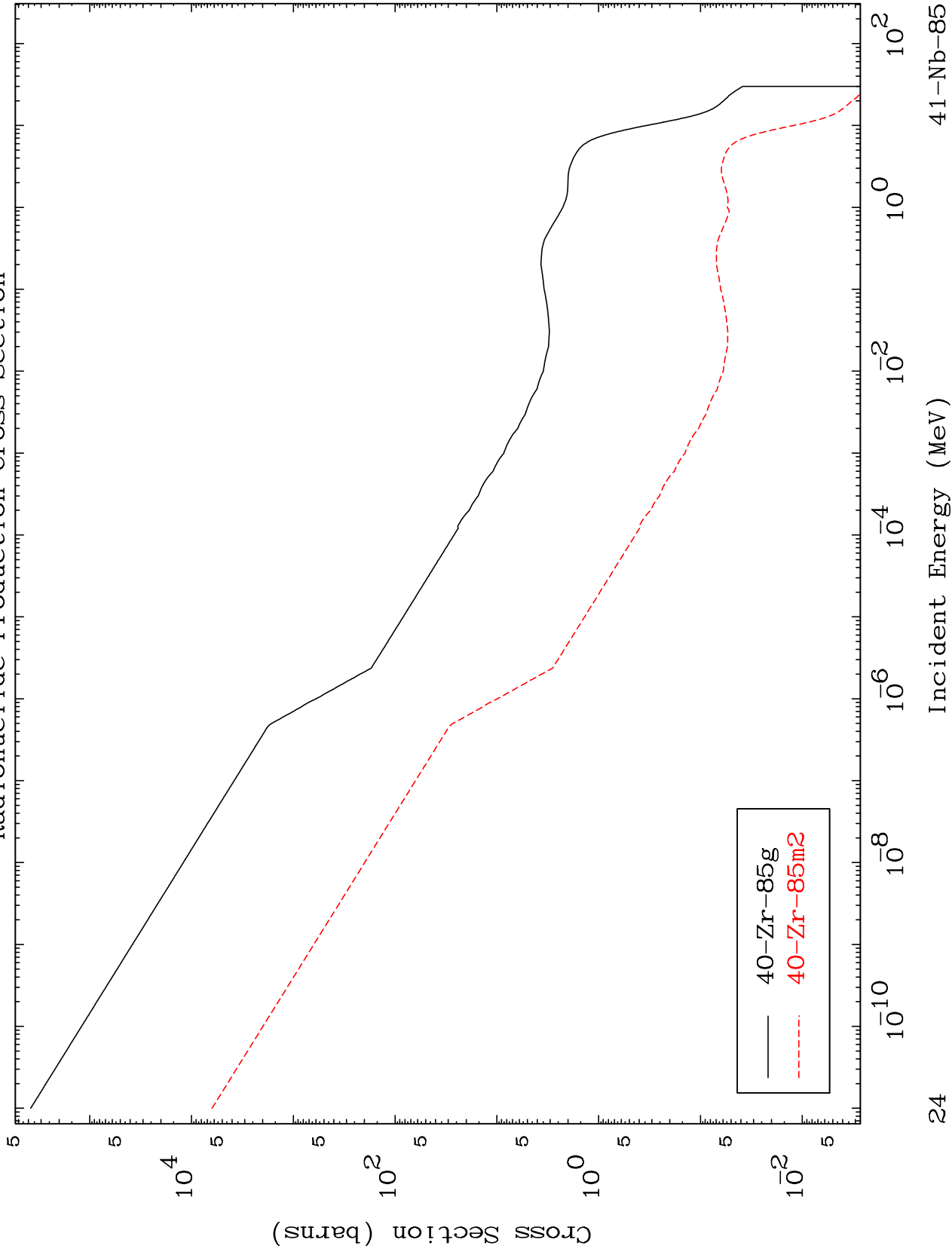
(n, γ)
Radionuclide Production Cross Section



MAT 4101

41-Nb-85

Radionuclide Production Cross Section



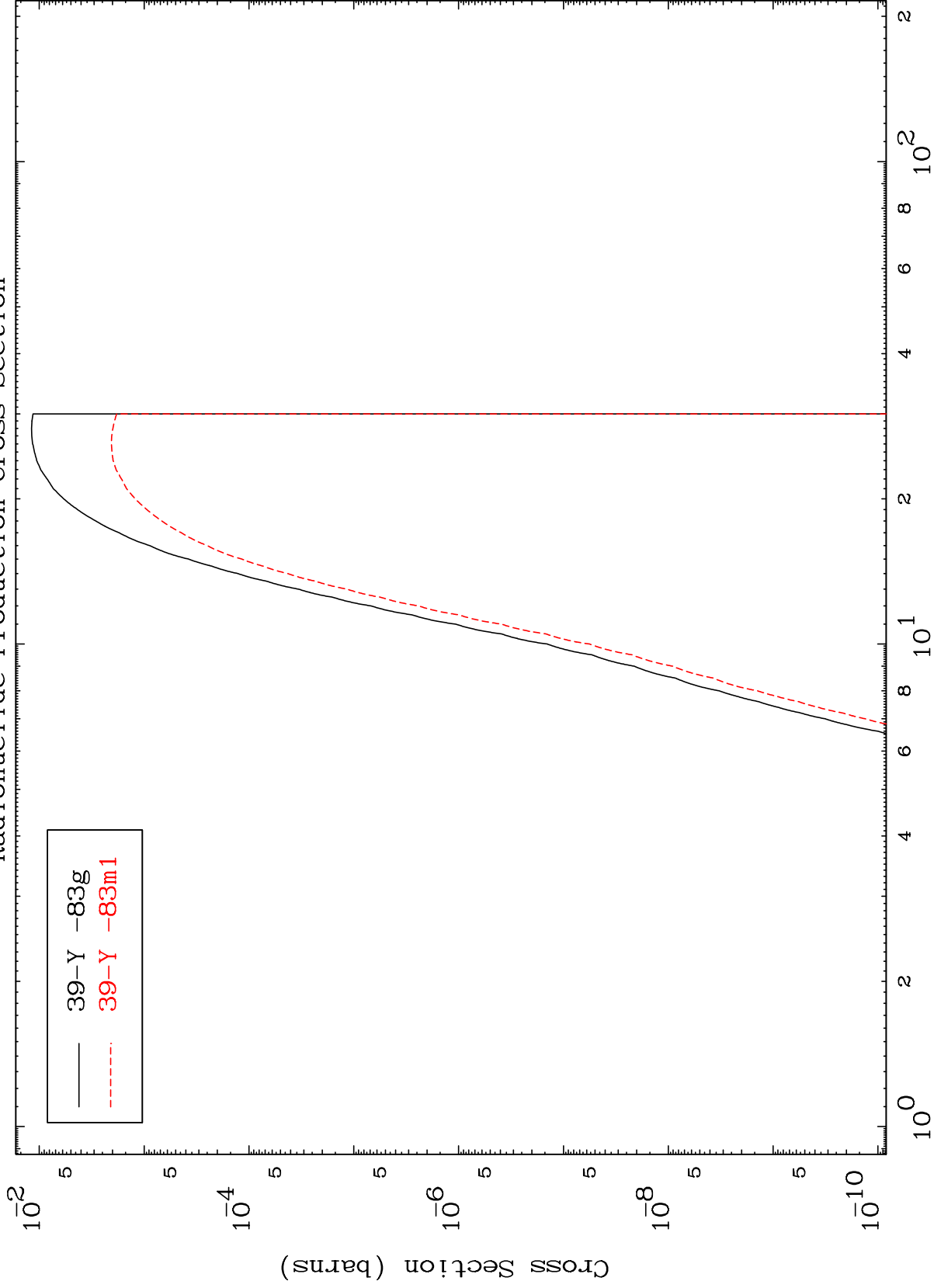
24

MAT 4101

(n,He-3)

41-Nb-85

Radionuclide Production Cross Section



— 39-Y -83g
- - - 39-Y -83m1

Incident Energy (MeV)

41-Nb-85

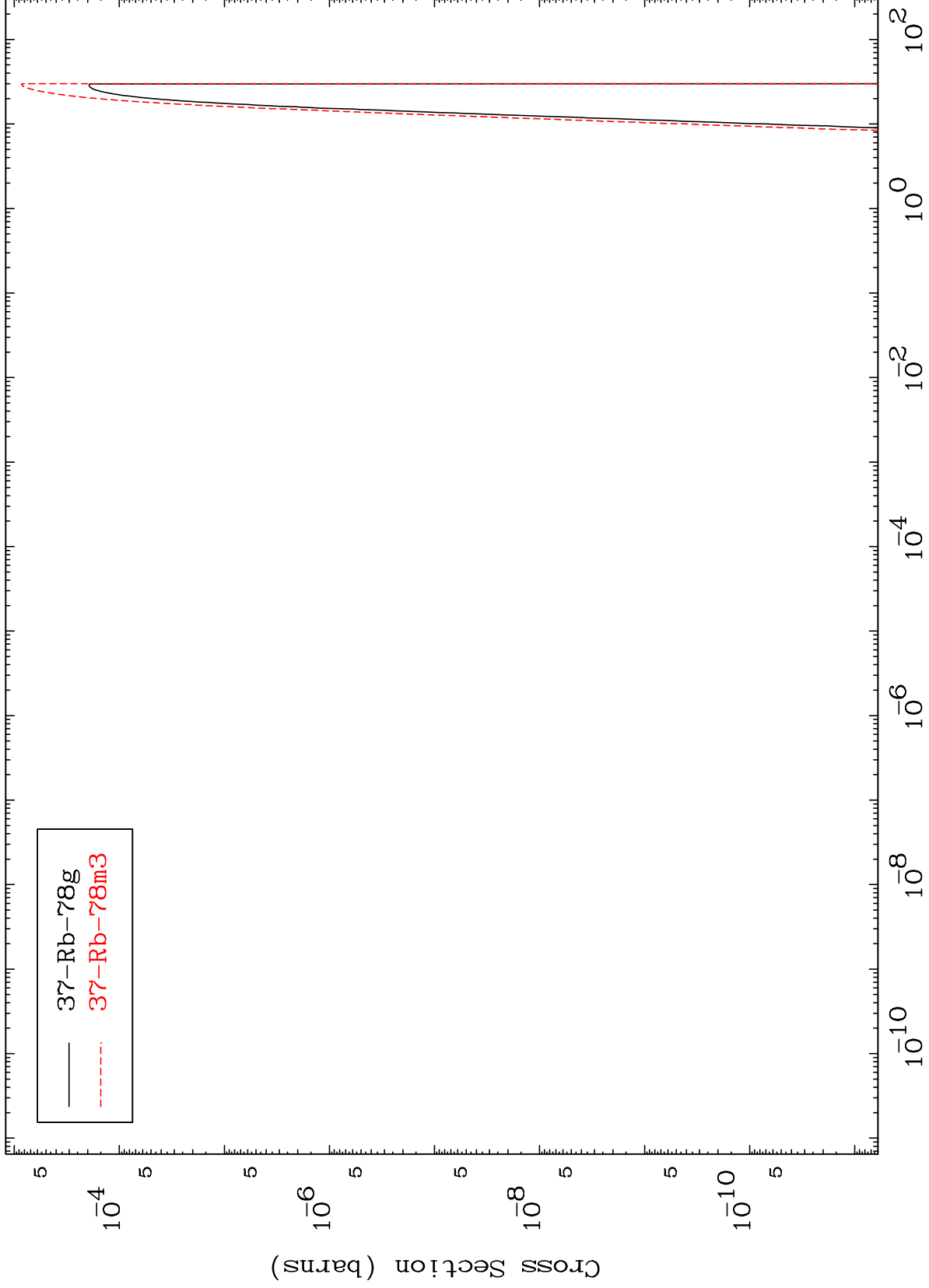
25

MAT 4101

(n,2α)

41-Nb-85

Radionuclide Production Cross Section

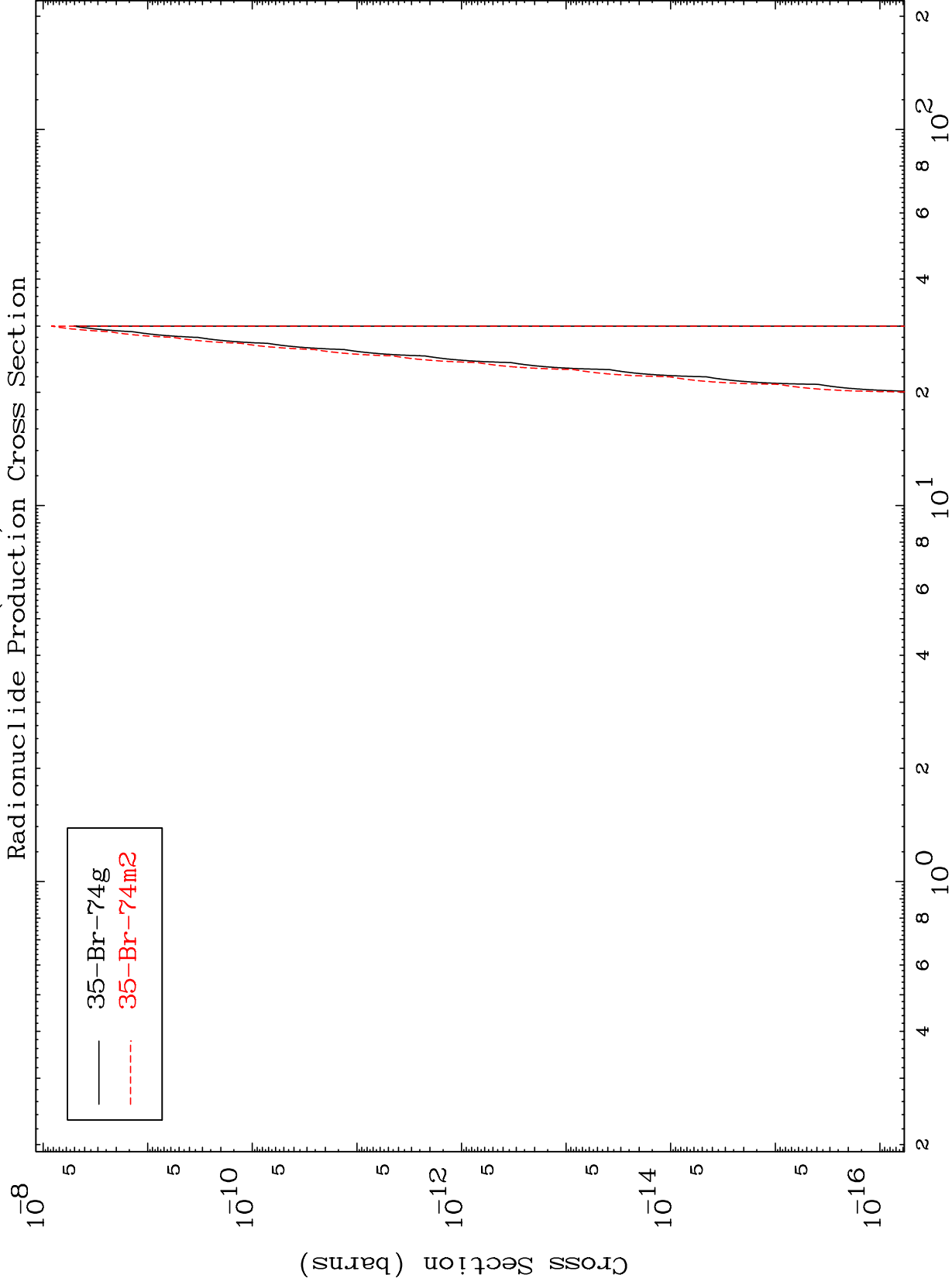


MAT 4101

(n,3α)

41-Nb-85

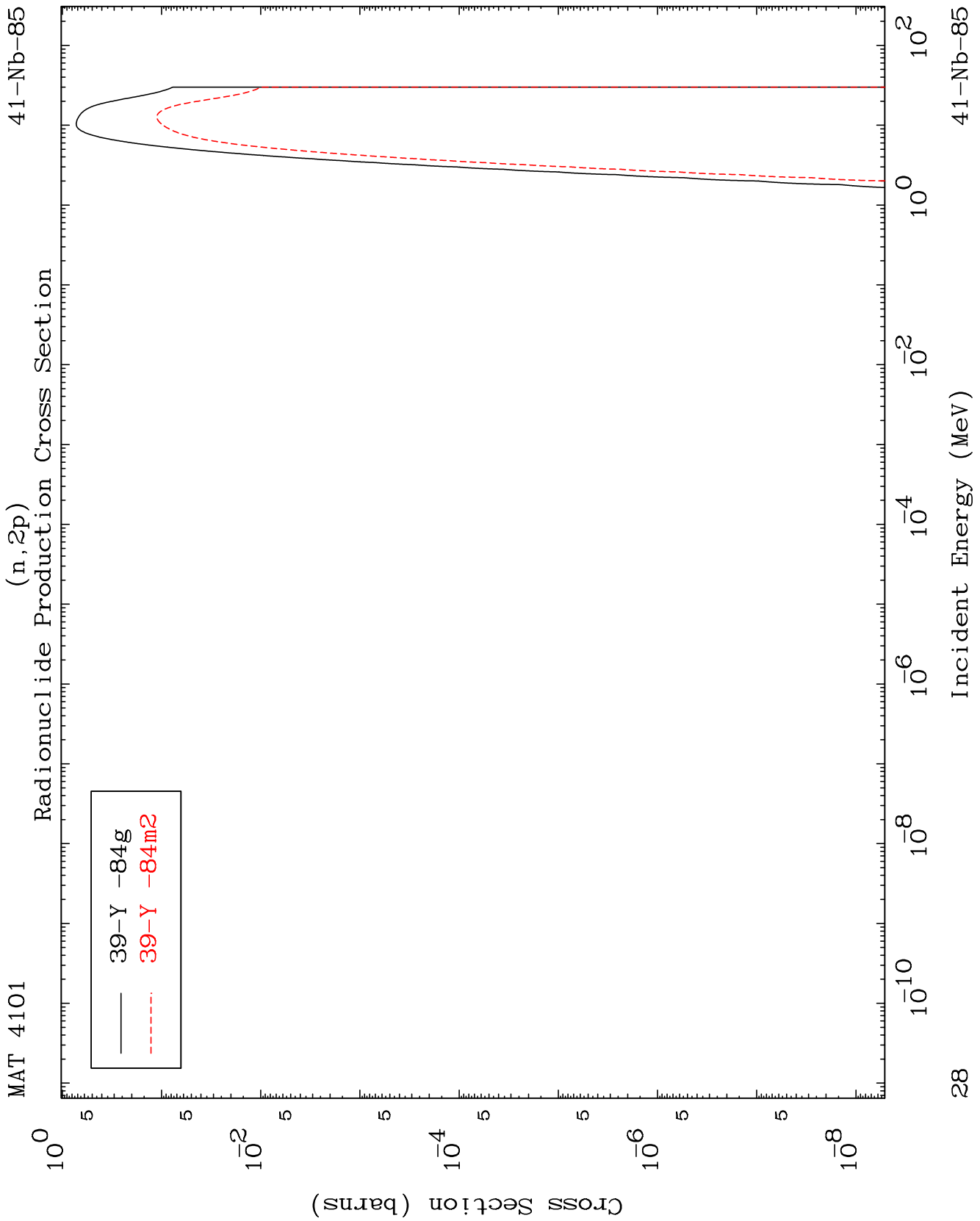
Radionuclide Production Cross Section



27

Incident Energy (MeV)

41-Nb-85

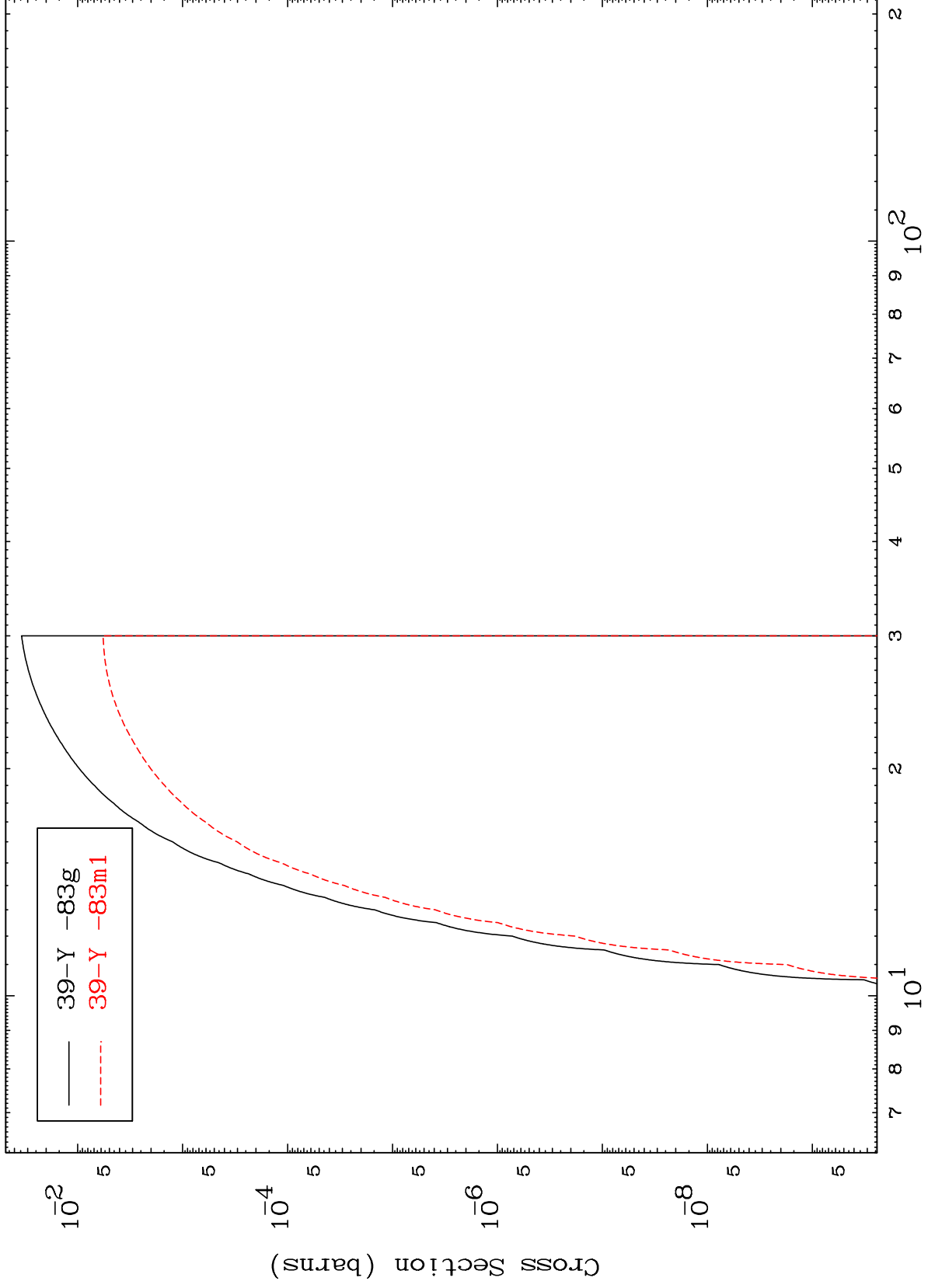


MAT 4101

(n,p) d

41-Nb-85

Radionuclide Production Cross Section



29

Incident Energy (MeV)

41-Nb-85