

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

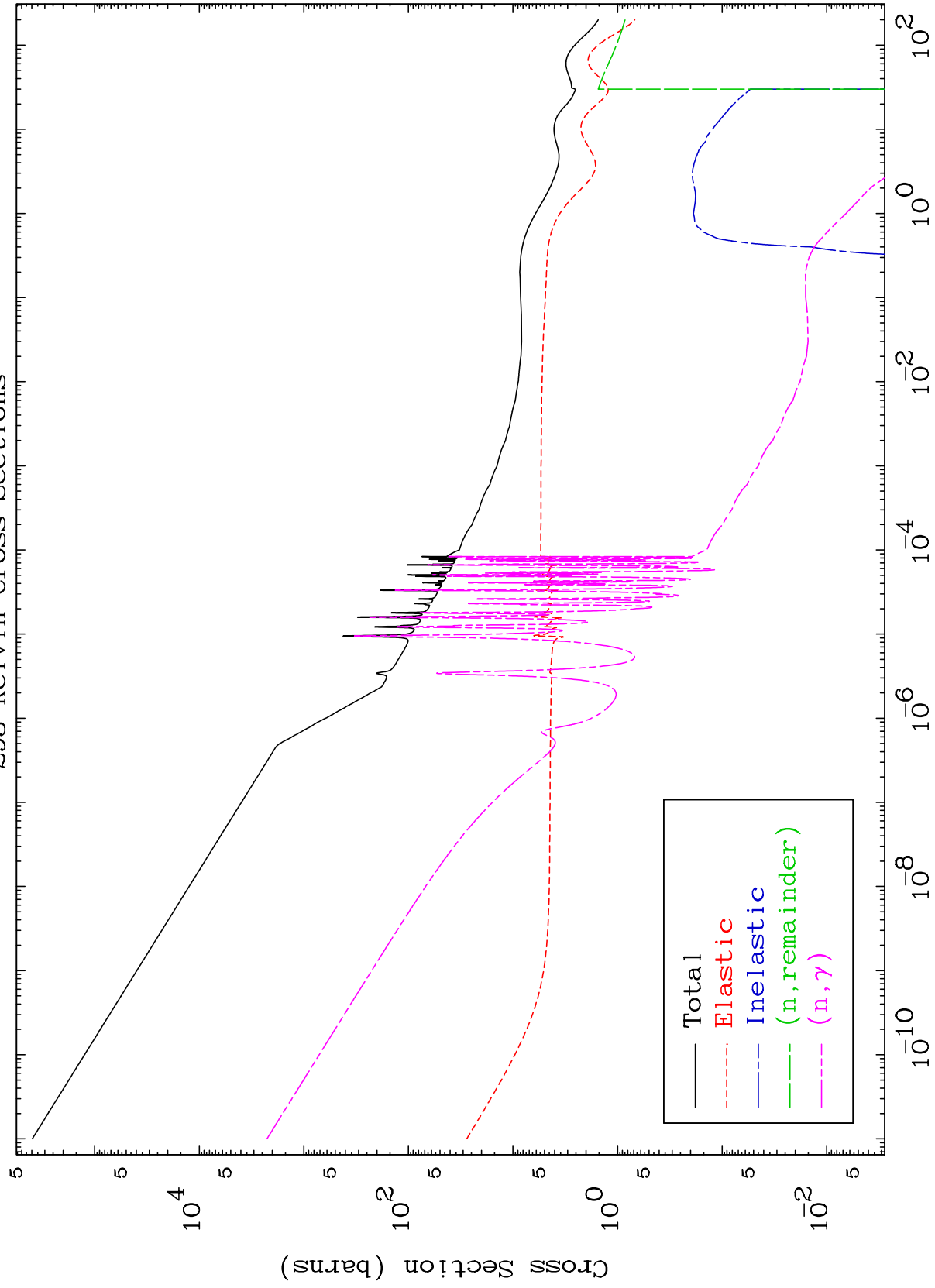
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4101

Major
293 Kelvin Cross Sections

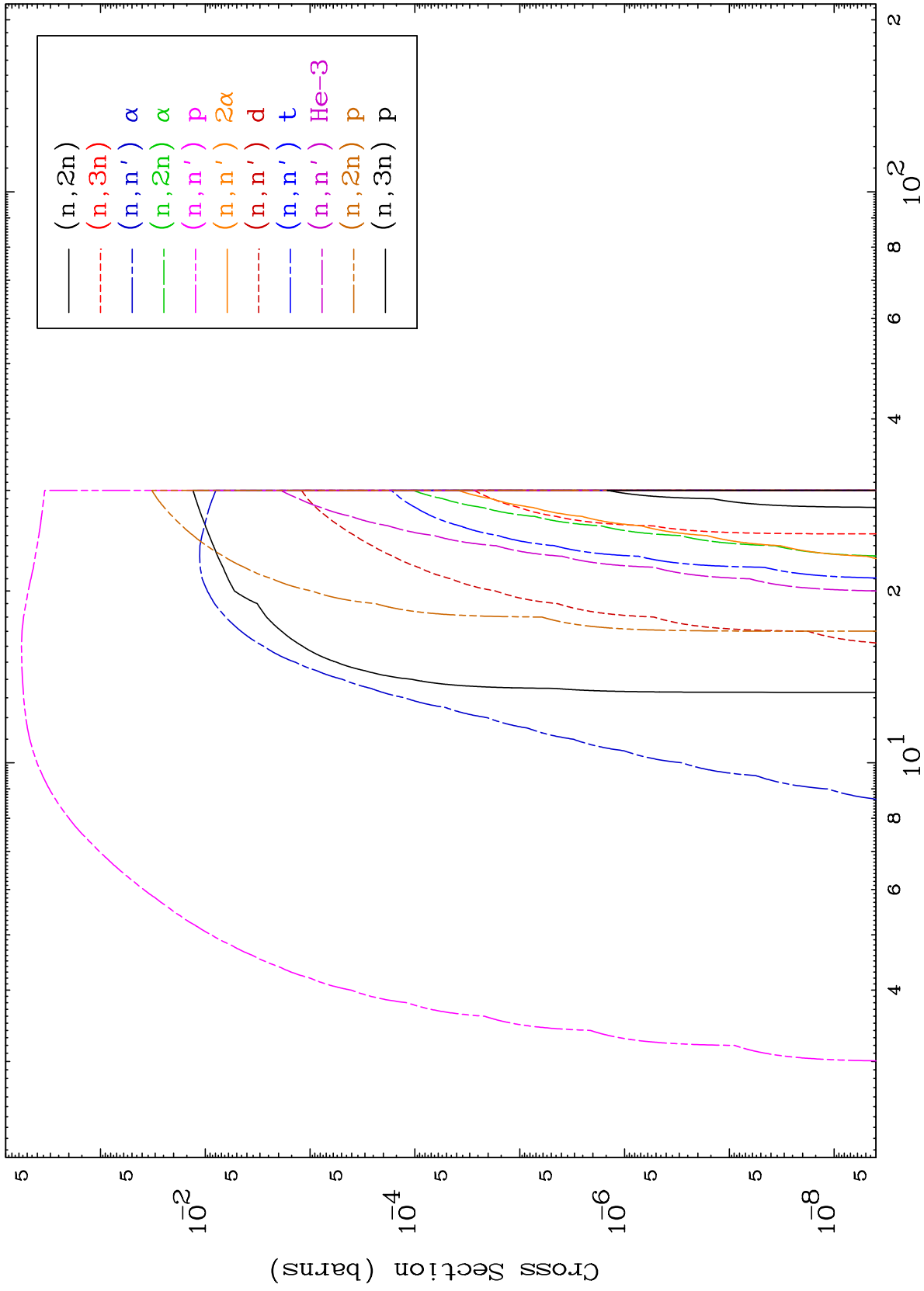
41-Nb-85



MAT 4101

Neutron Production
293 Kelvin Cross Sections

41-Nb-85



2

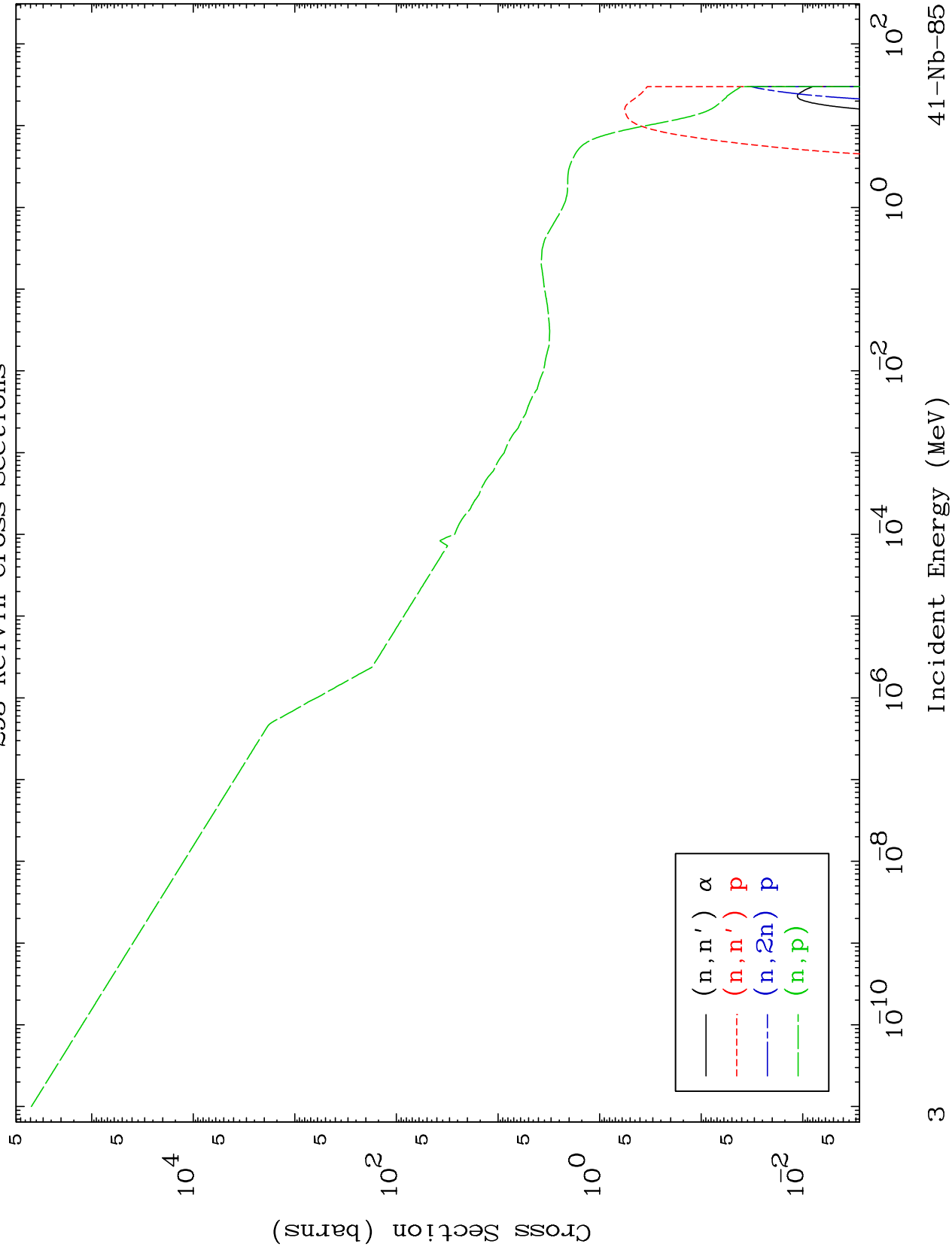
Incident Energy (MeV)

41-Nb-85

MAT 4101

Charged Particle
293 Kelvin Cross Sections

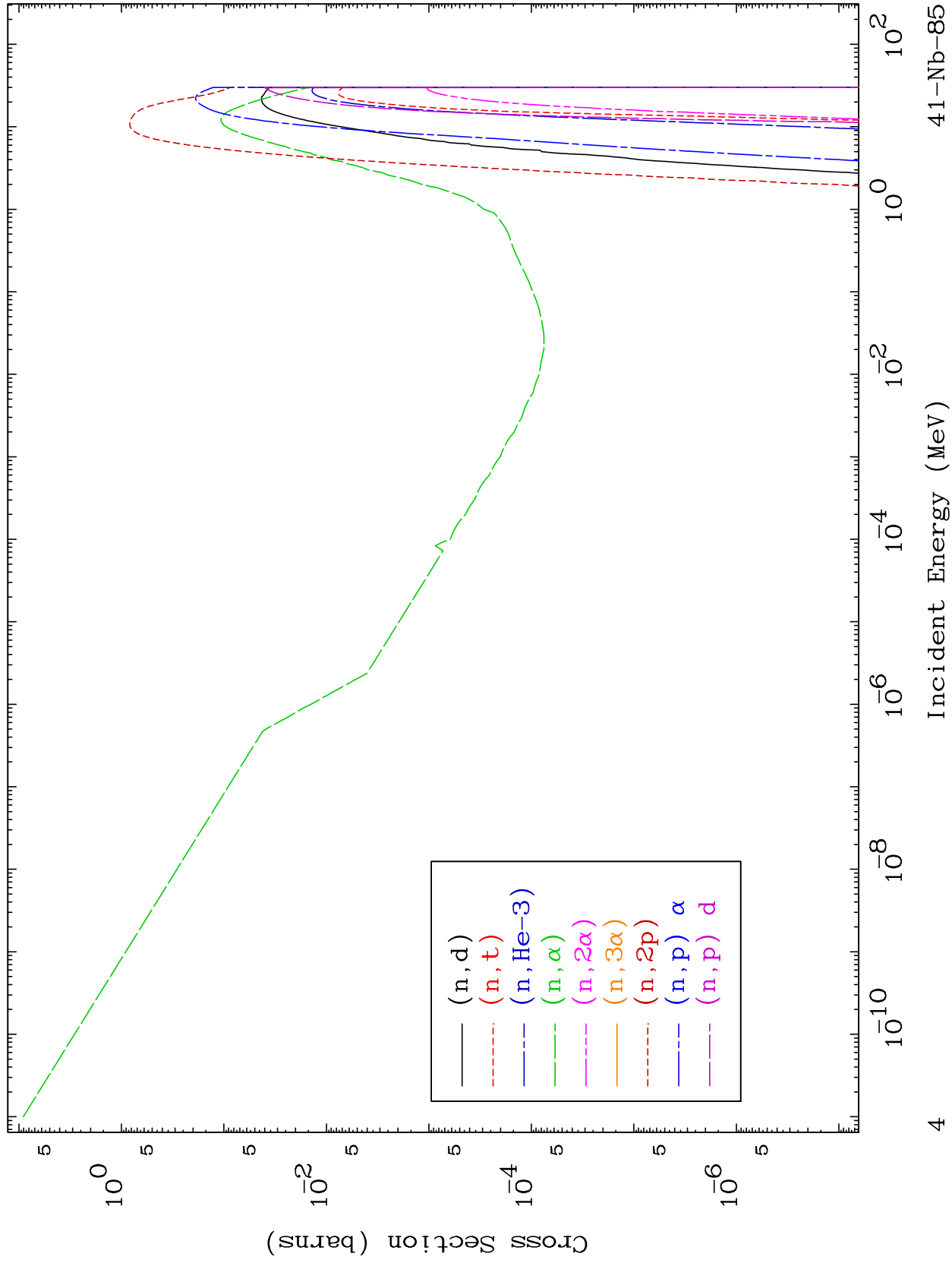
41-Nb-85



MAT 4101

Charged Particle
293 Kelvin Cross Sections

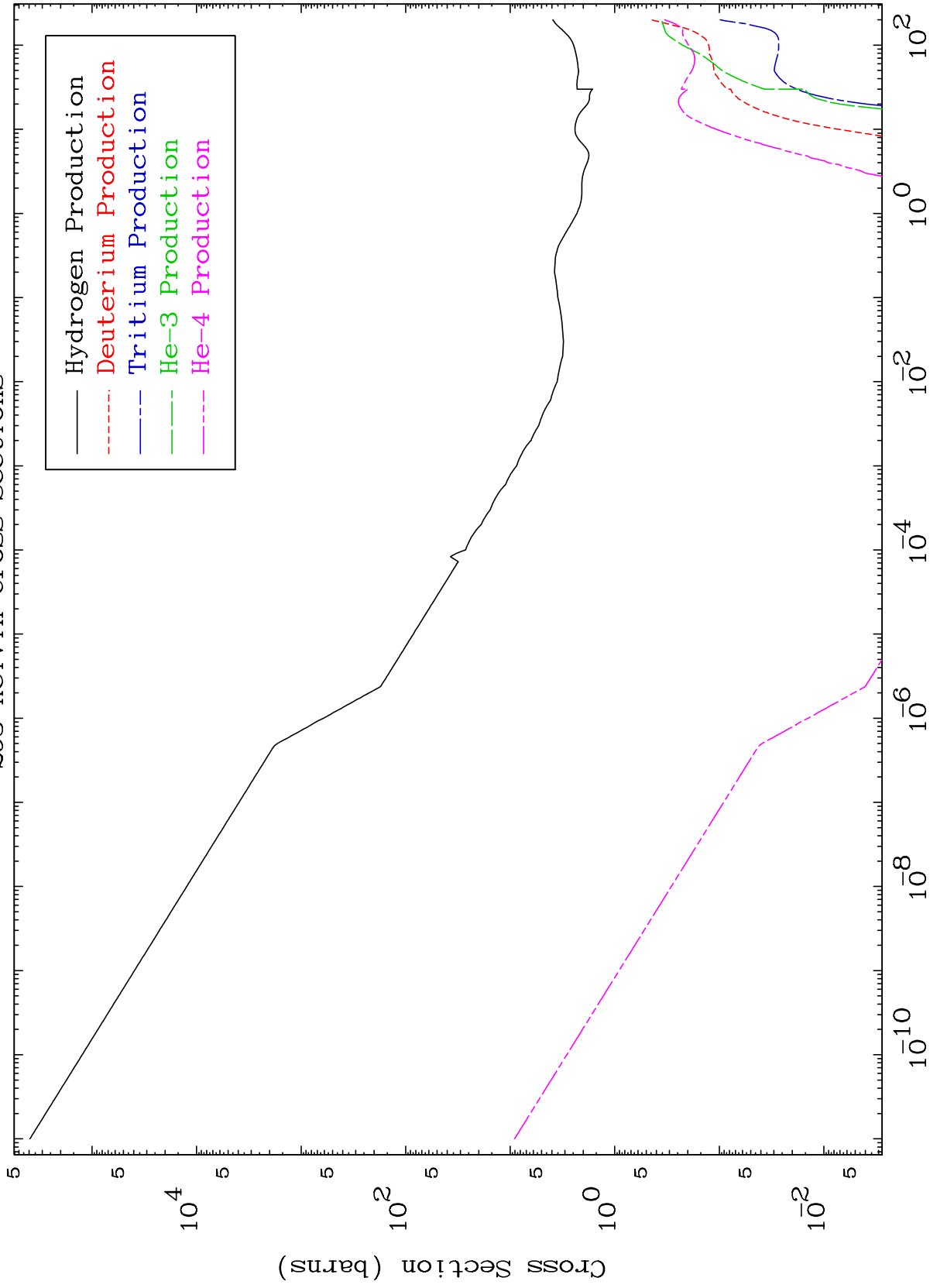
41-Nb-85



MAT 4101

Particle Production
293 Kelvin Cross Sections

41-Nb-85



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Incident Energy (MeV)

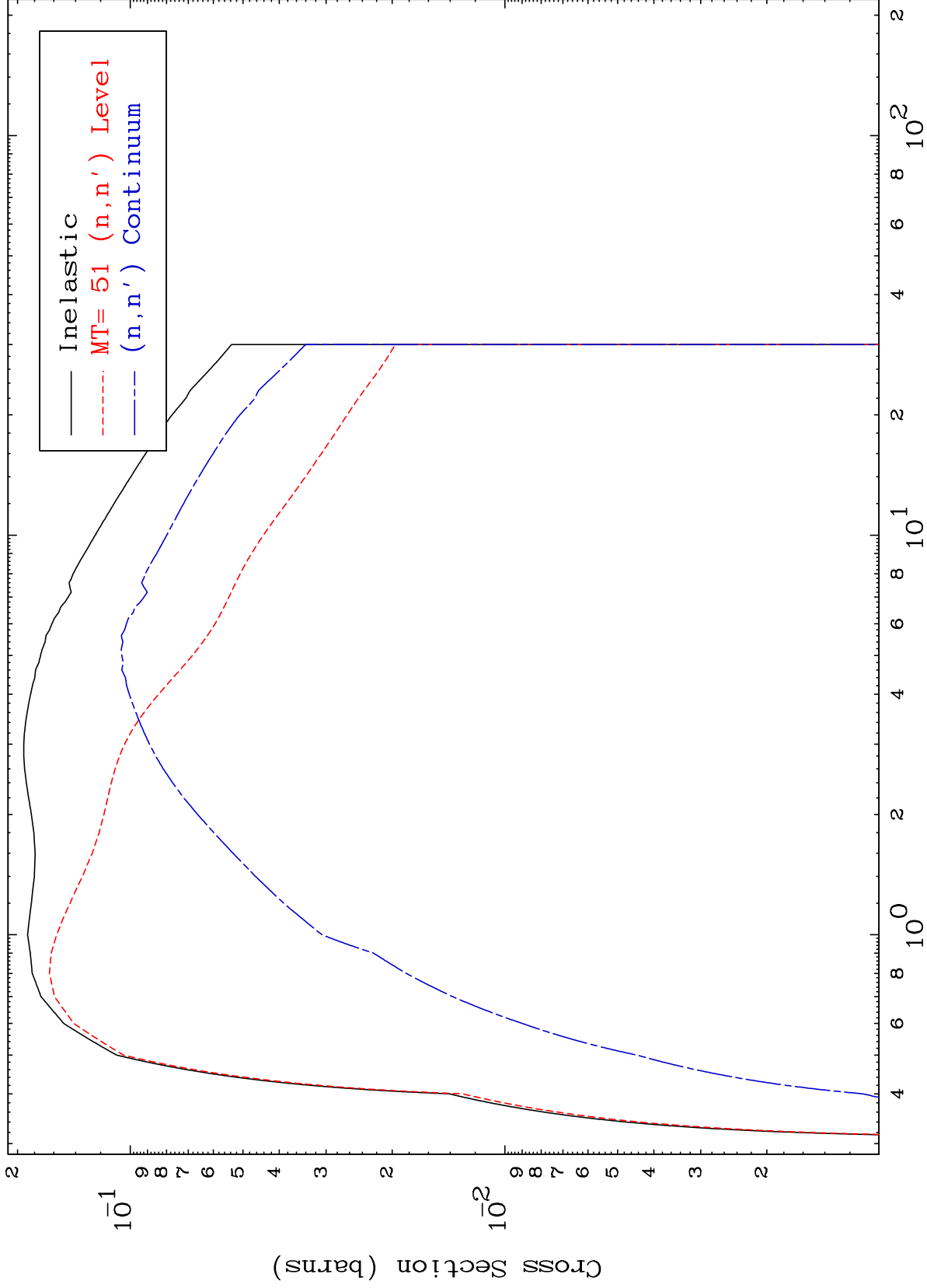
41-Nb-85

MAT 4101

(n,n') Level

41-Nb-85

293 Kelvin Cross Sections



6

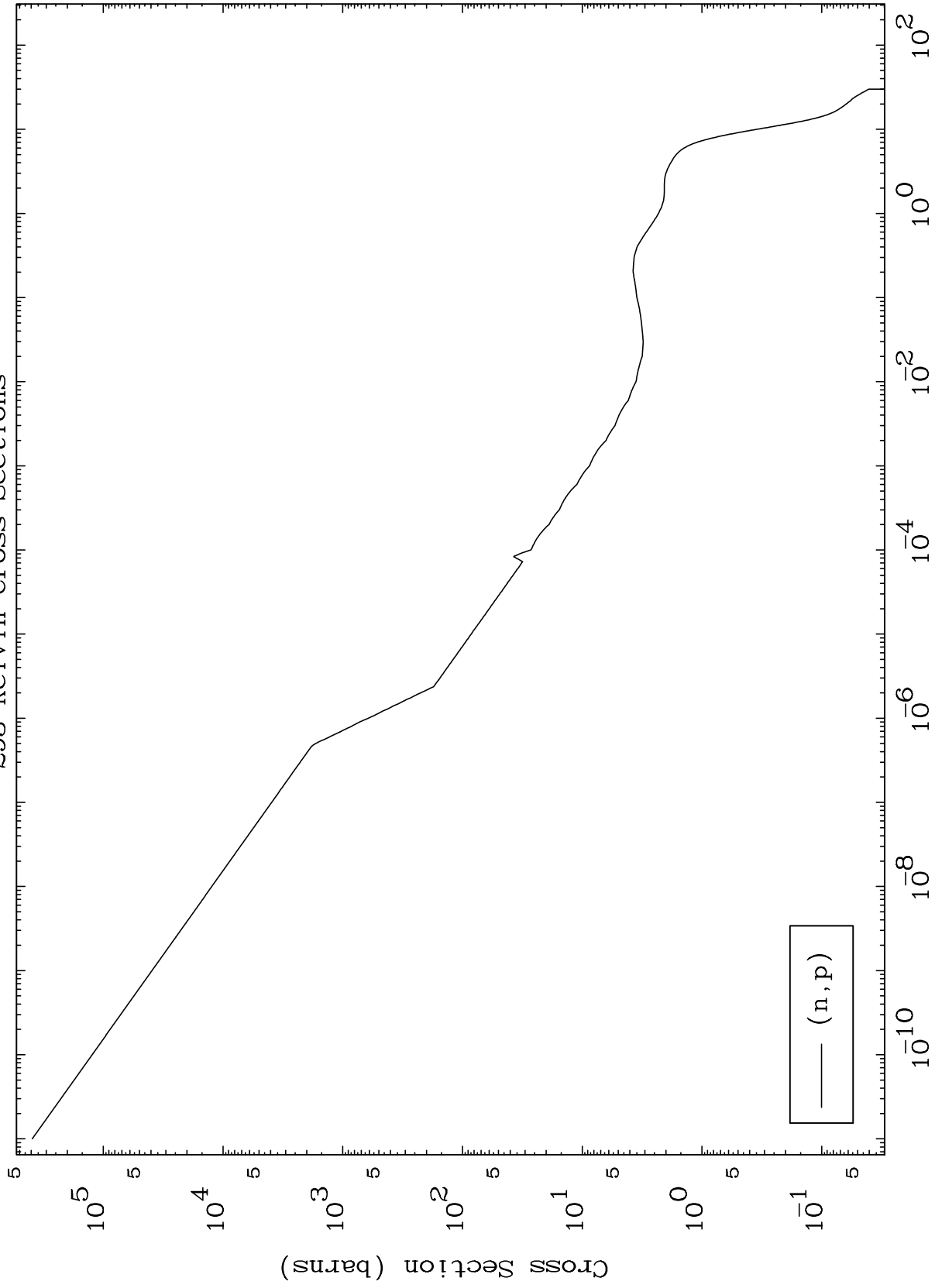
Incident Energy (MeV)

41-Nb-85

MAT 4101

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-85



7

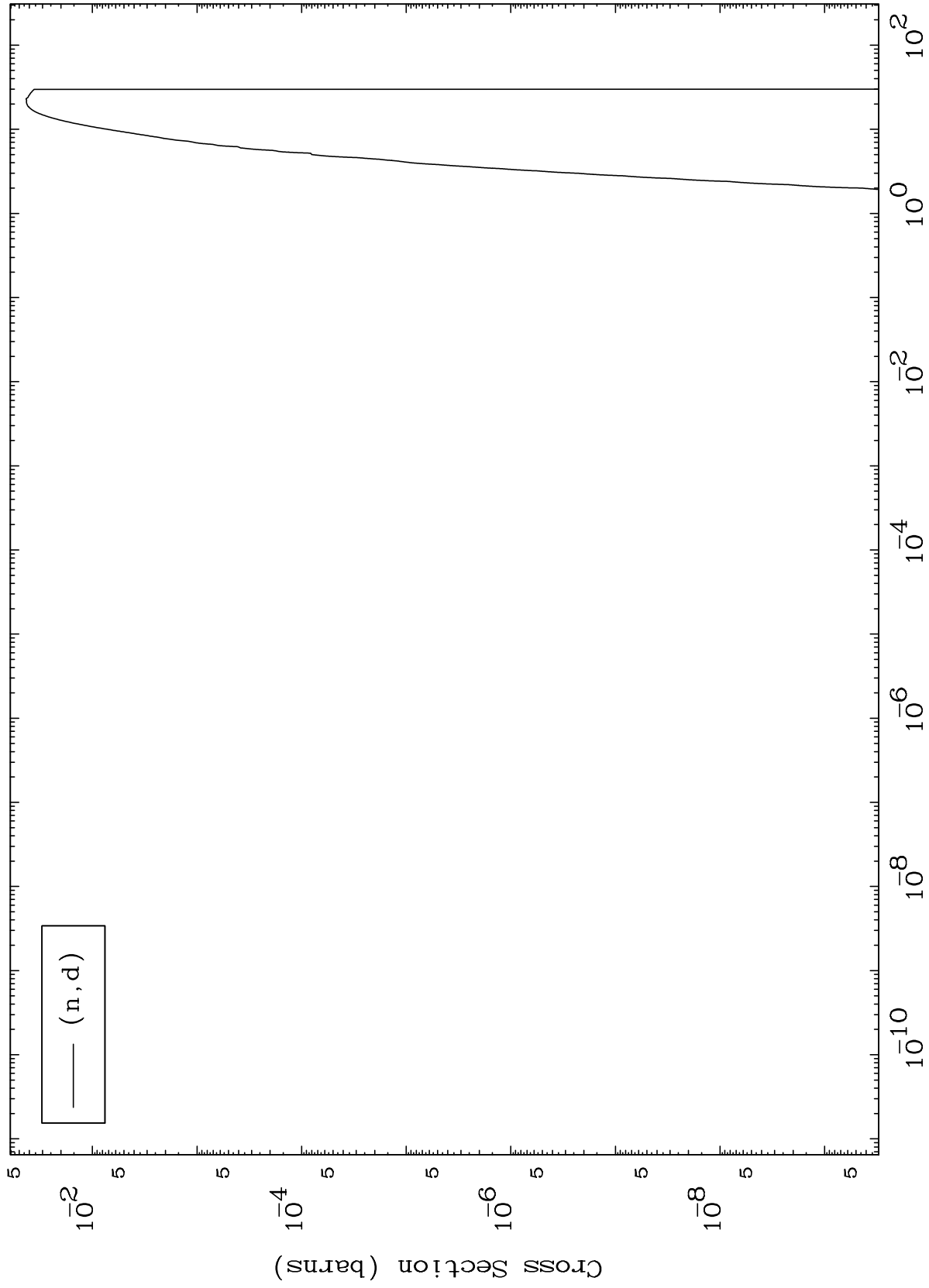
Incident Energy (MeV)

41-Nb-85

MAT 4101

(n,d) Levels
293 Kelvin Cross Sections

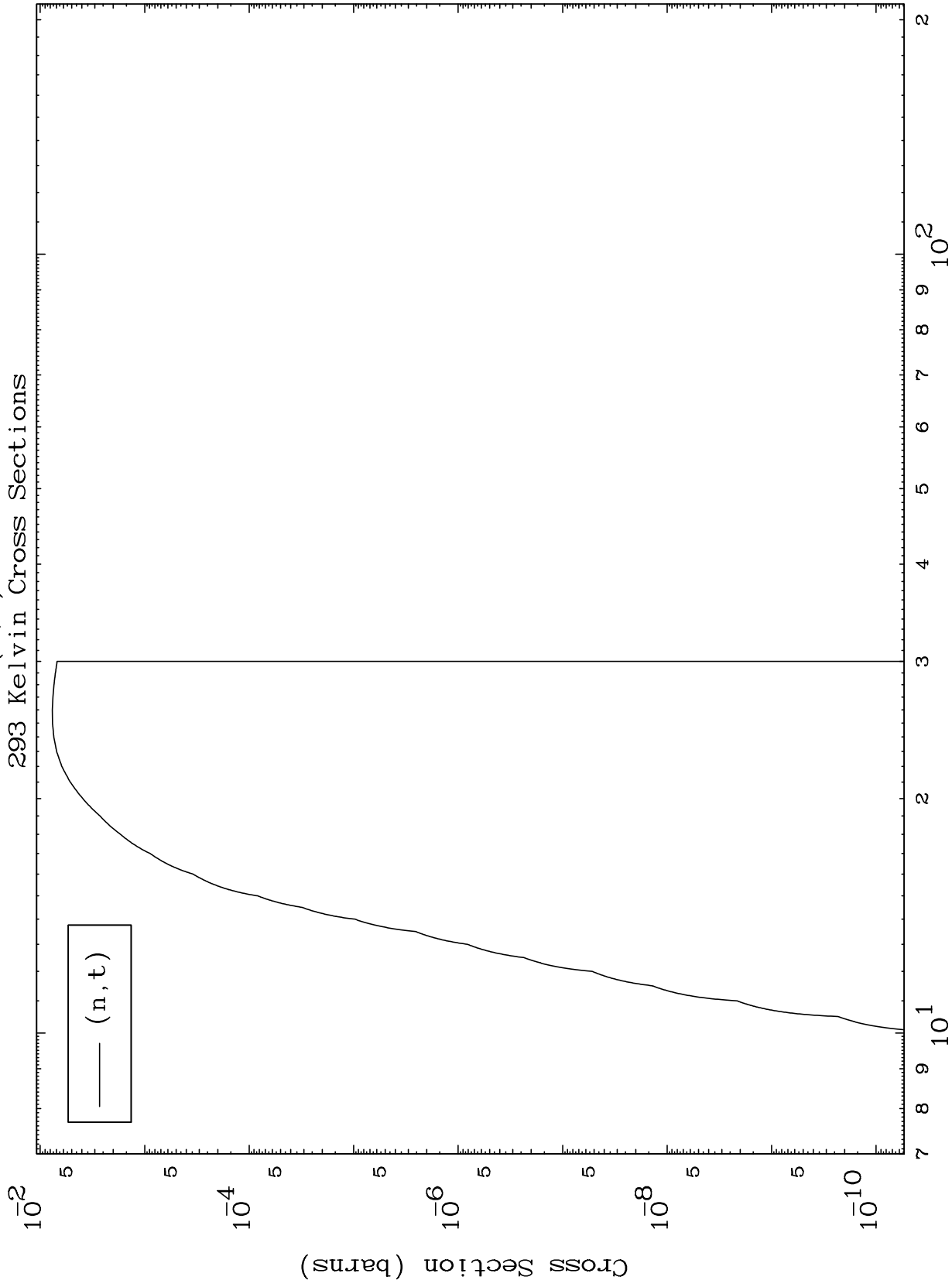
41-Nb-85



MAT 4101

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-85



9

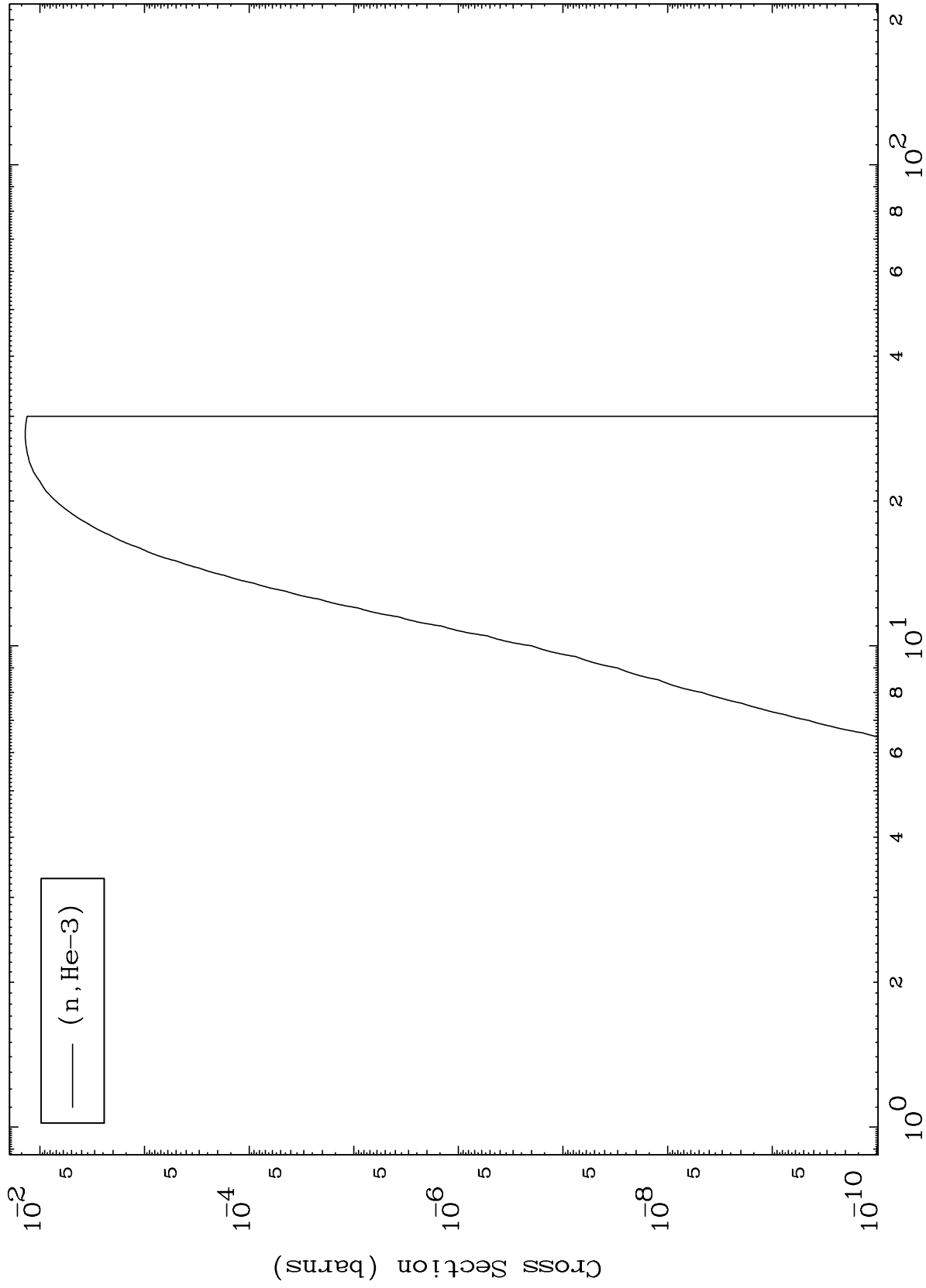
Incident Energy (MeV)

41-Nb-85

MAT 4101

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-85



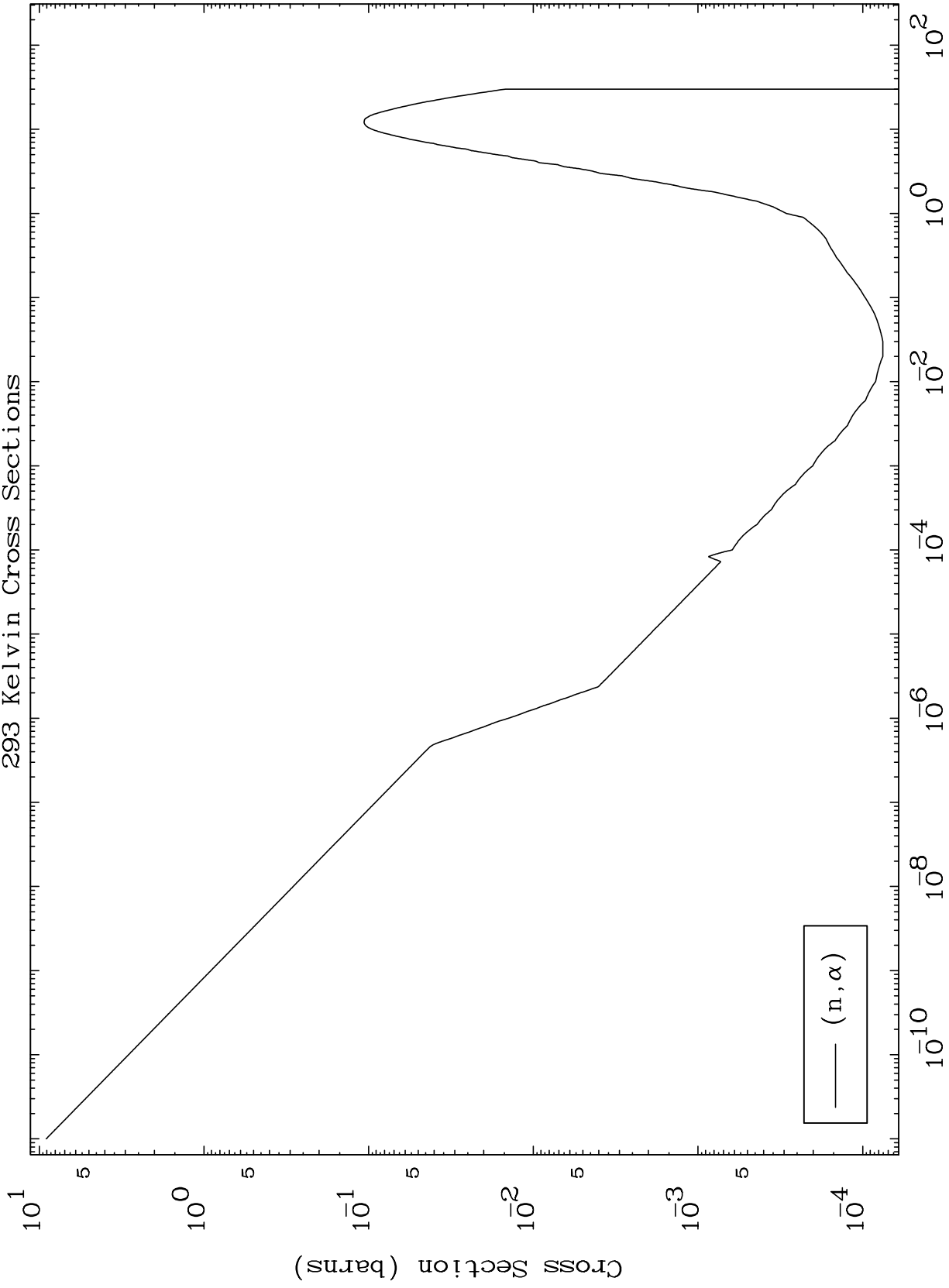
Incident Energy (MeV)

41-Nb-85

MAT 4101

(n,α) Levels
293 Kelvin Cross Sections

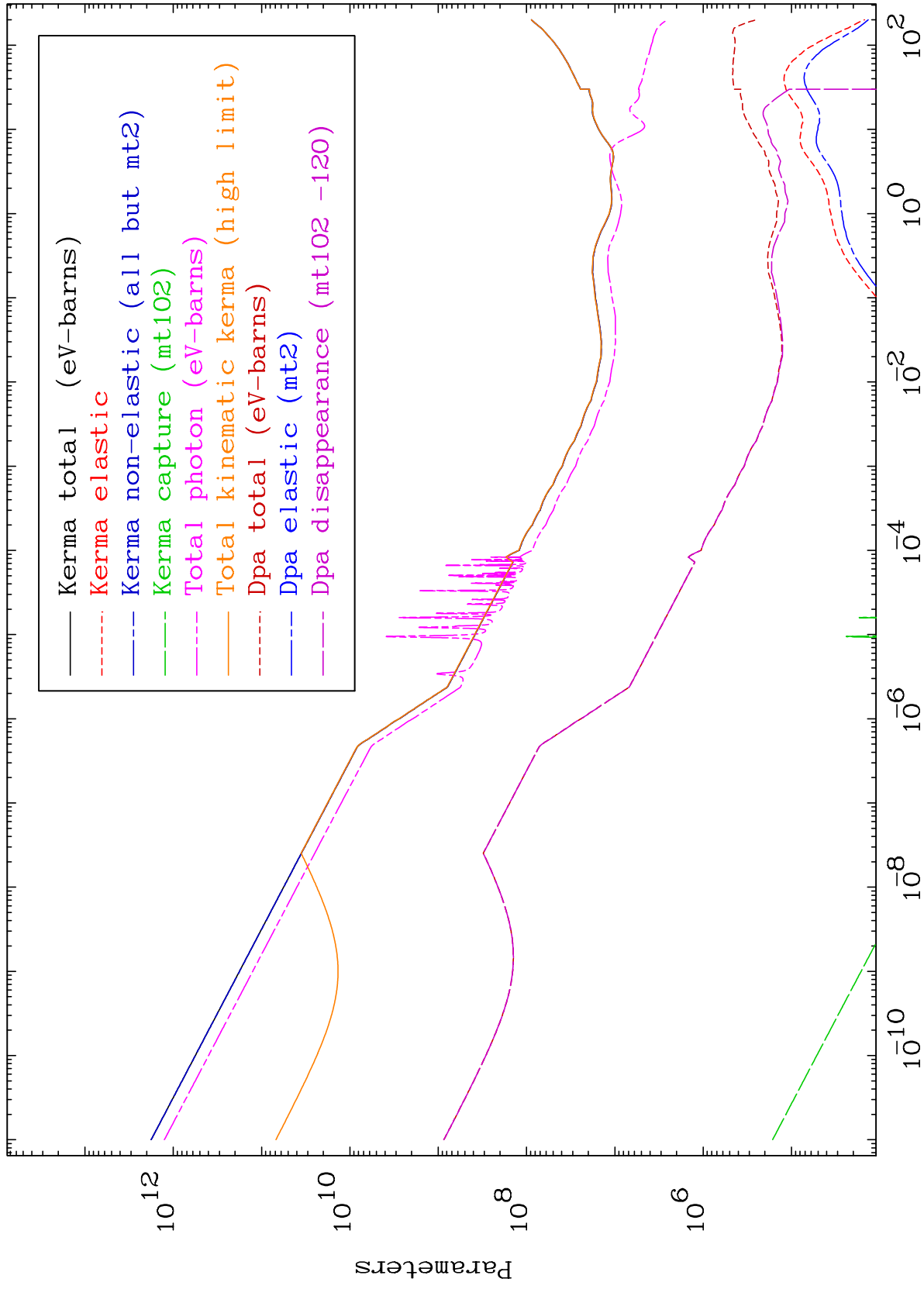
41-Nb-85



11

Incident Energy (MeV)

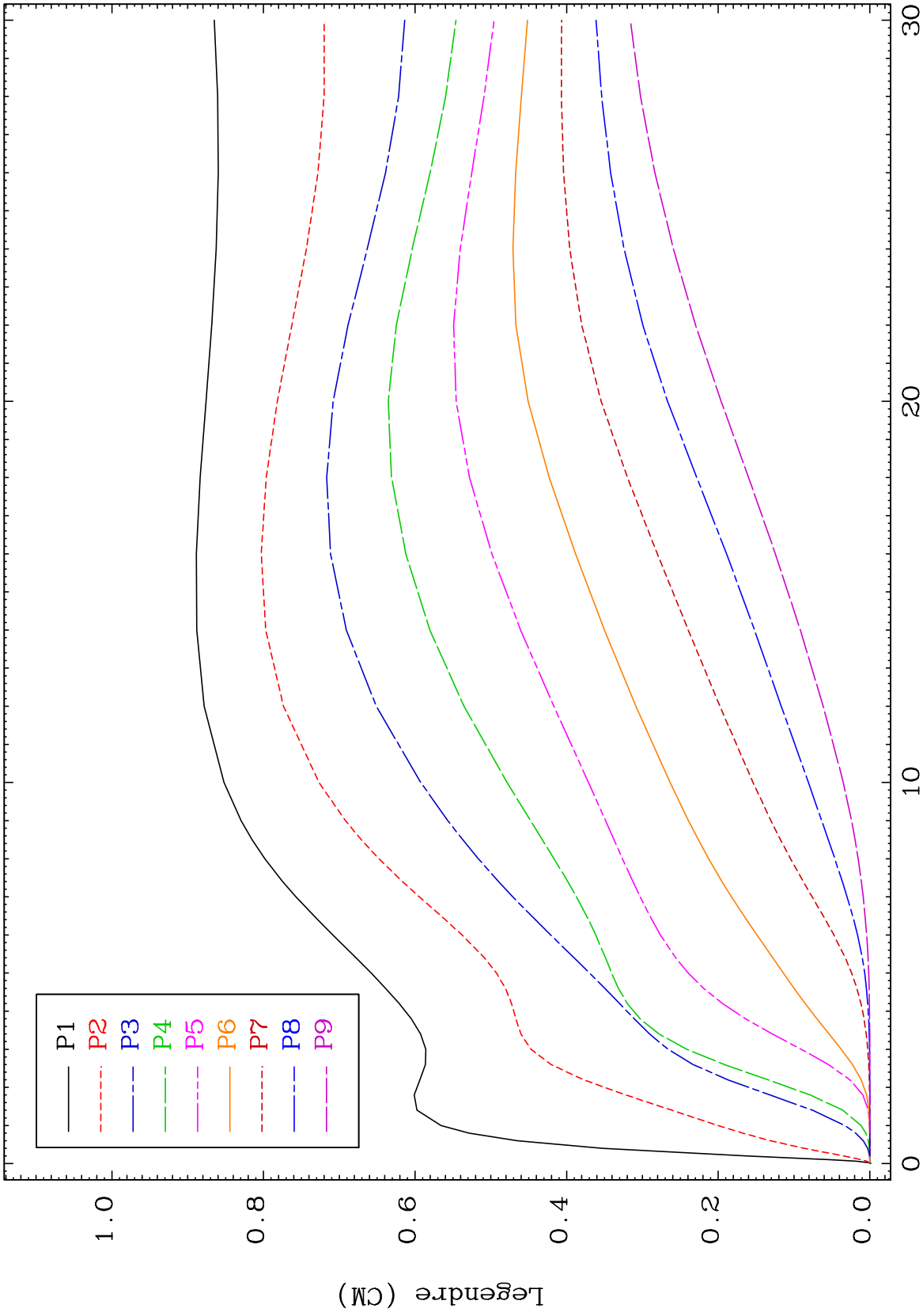
41-Nb-85



MAT 4101

Elastic Legendre Coefficients

41-Nb-85



13

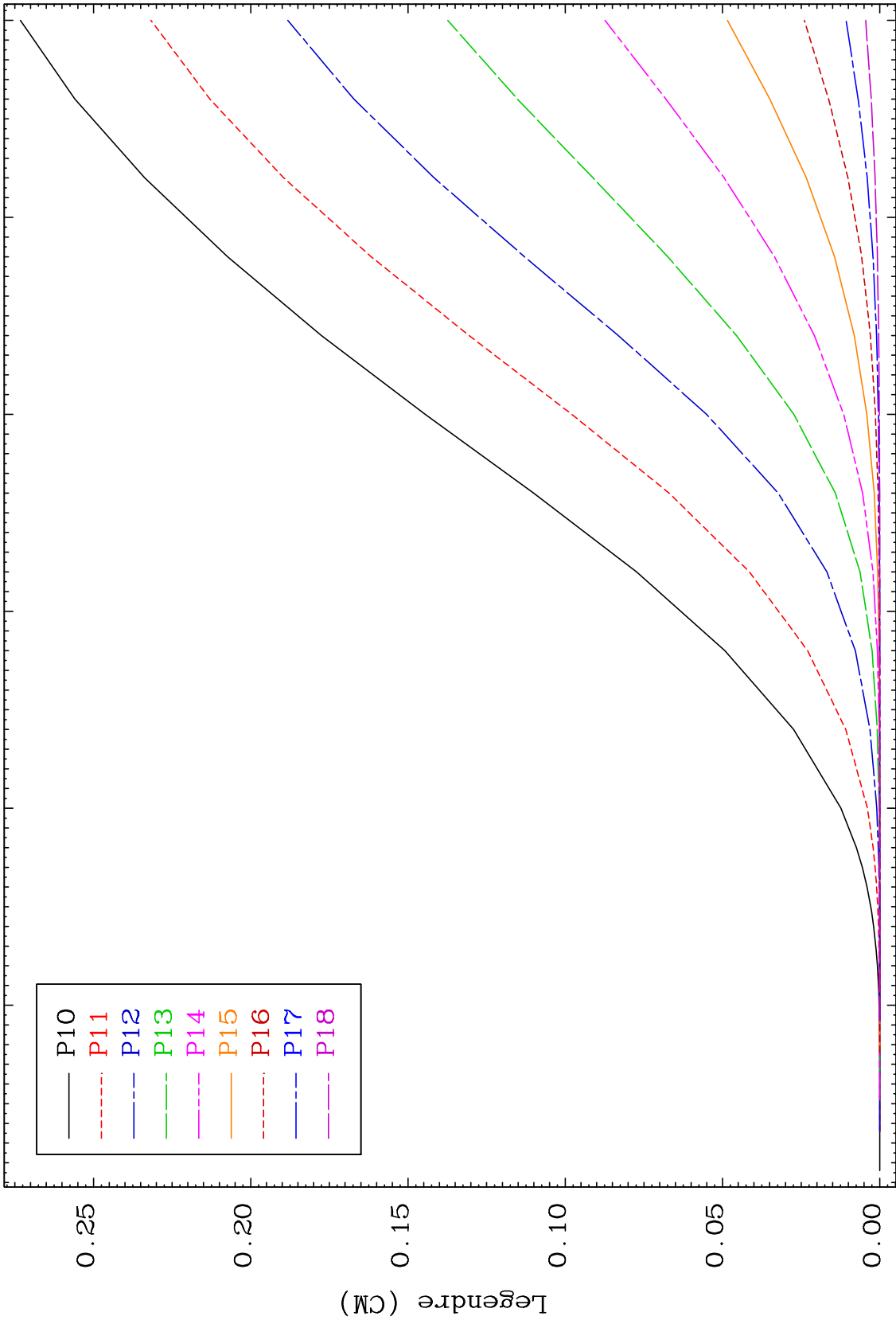
Incident Energy (MeV)

41-Nb-85

MAT 4101

Elastic Legendre Coefficients

41-Nb-85



14

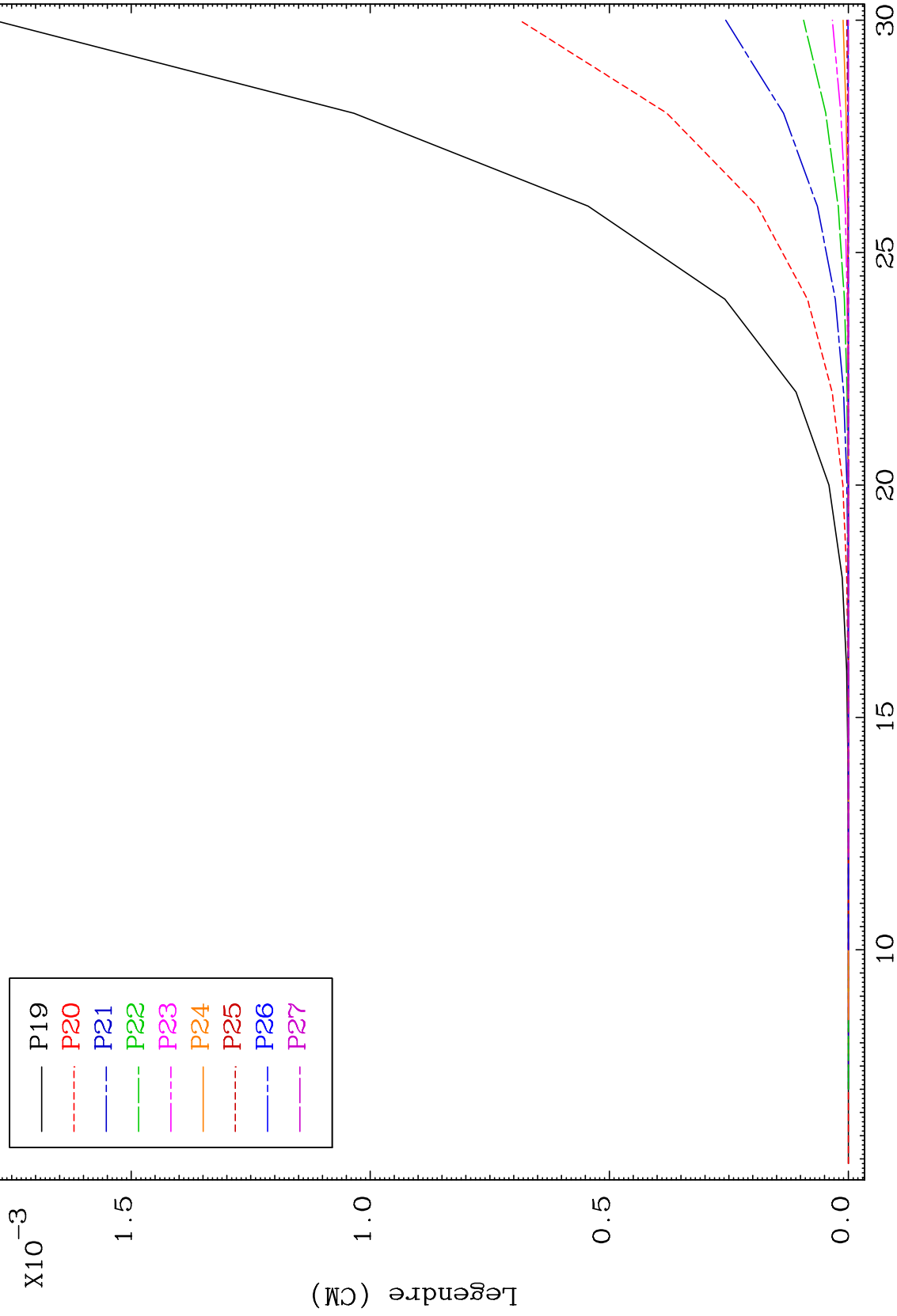
Incident Energy (MeV)

41-Nb-85

MAT 4101

Elastic
Legendre Coefficients

41-Nb-85



15

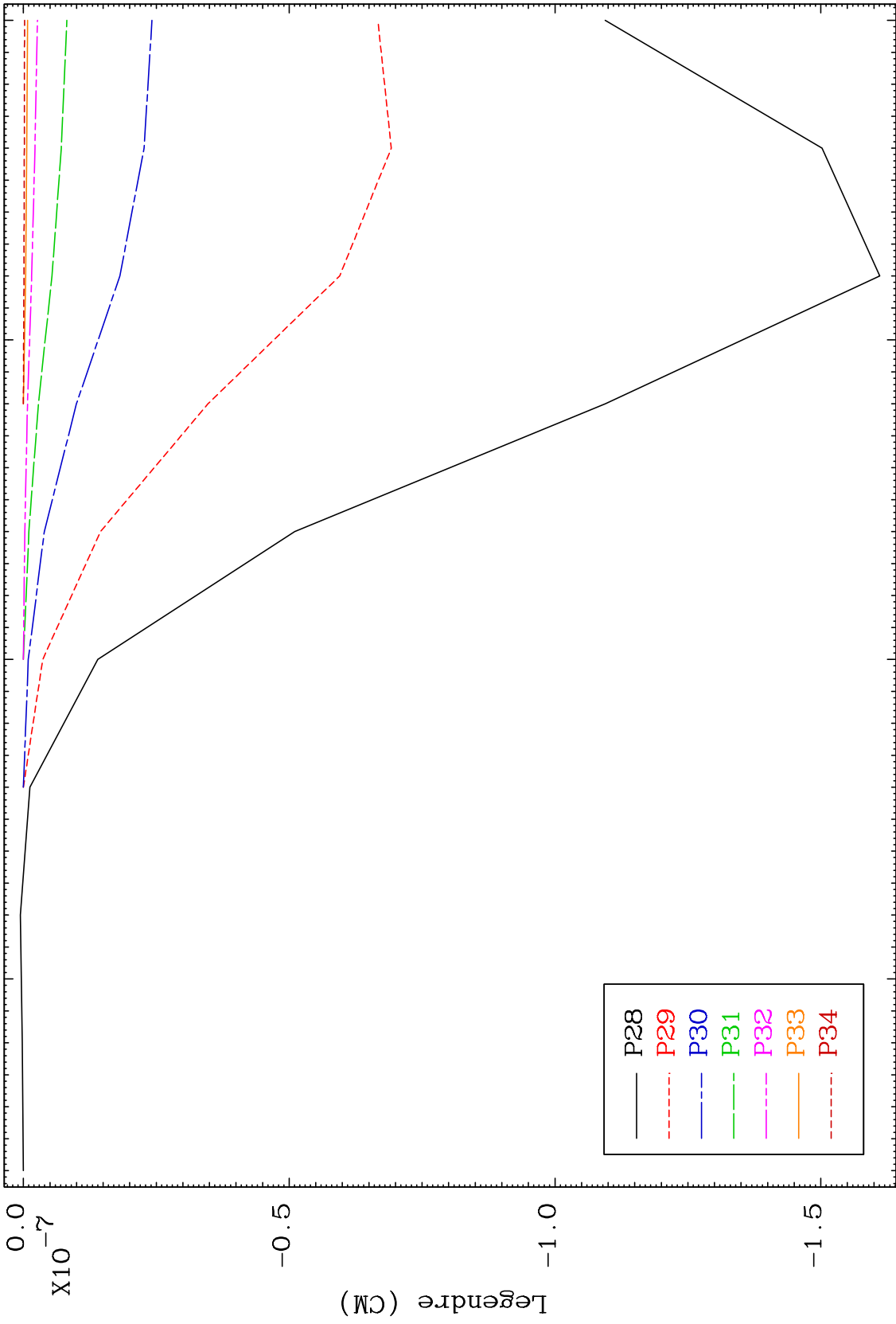
Incident Energy (MeV)

41-Nb-85

MAT 4101

41-Nb-85

Elastic Legendre Coefficients



16

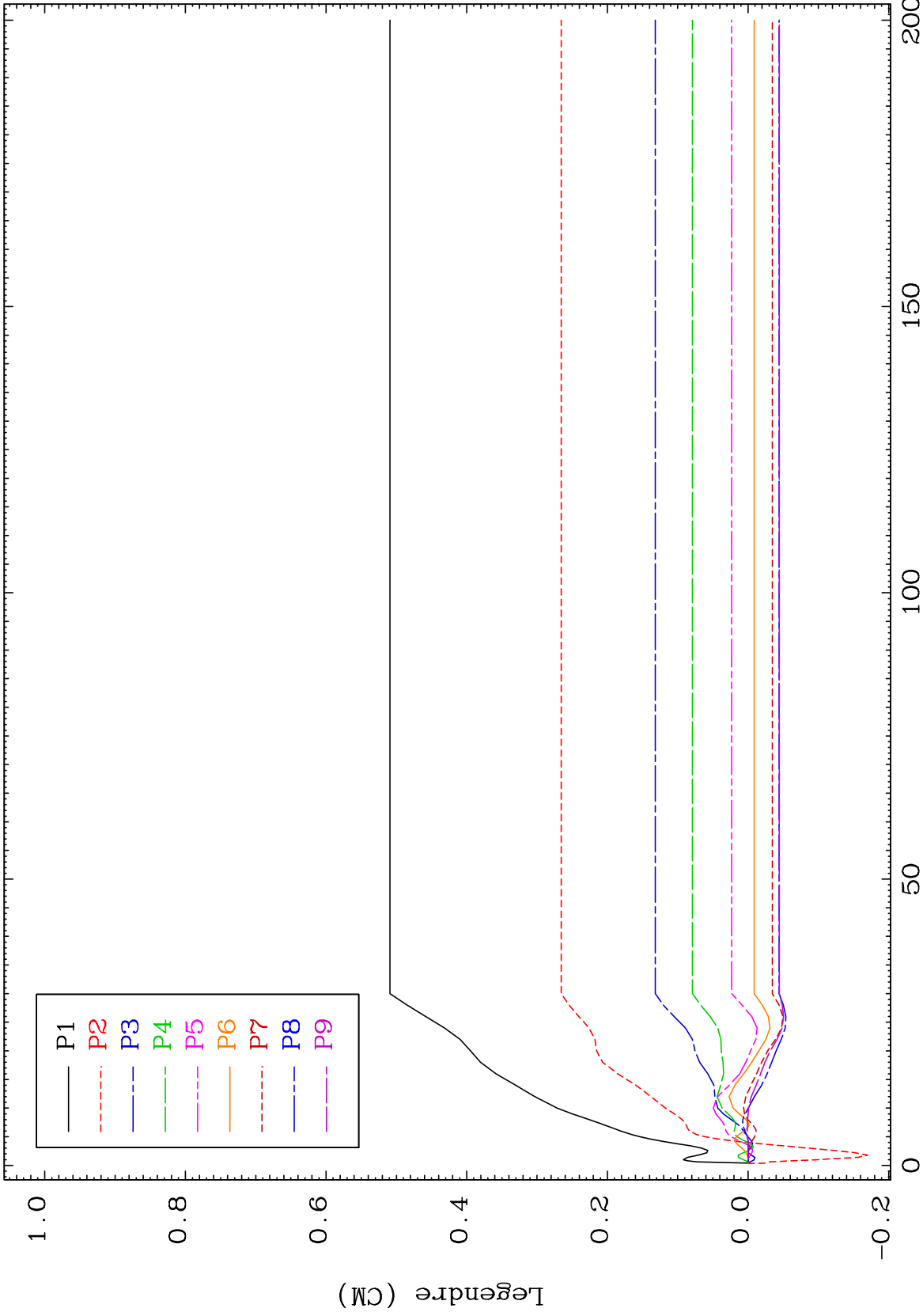
Incident Energy (MeV)

41-Nb-85

MAT 4101

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

41-Nb-85



17

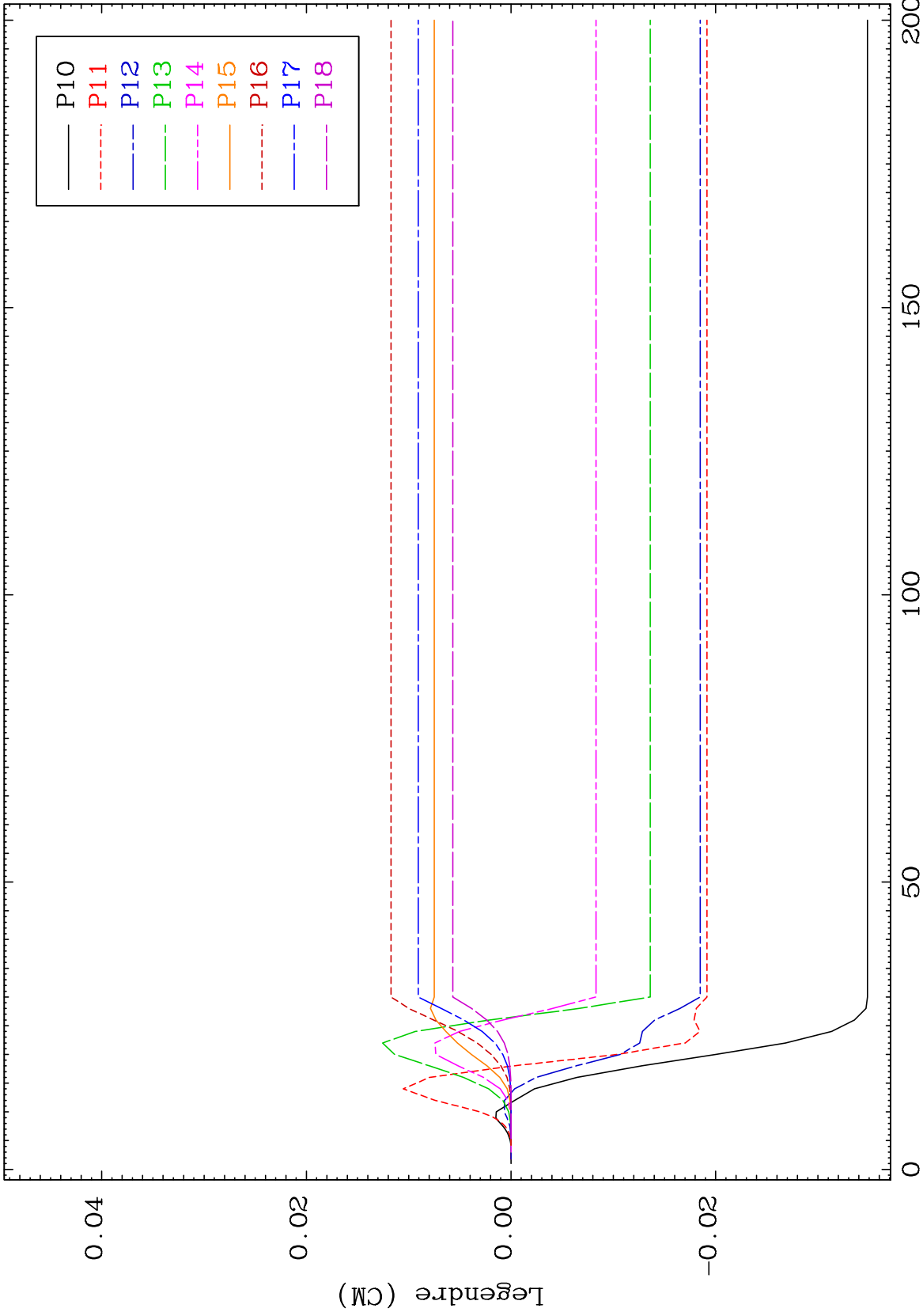
Incident Energy (MeV)

41-Nb-85

MAT 4101

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

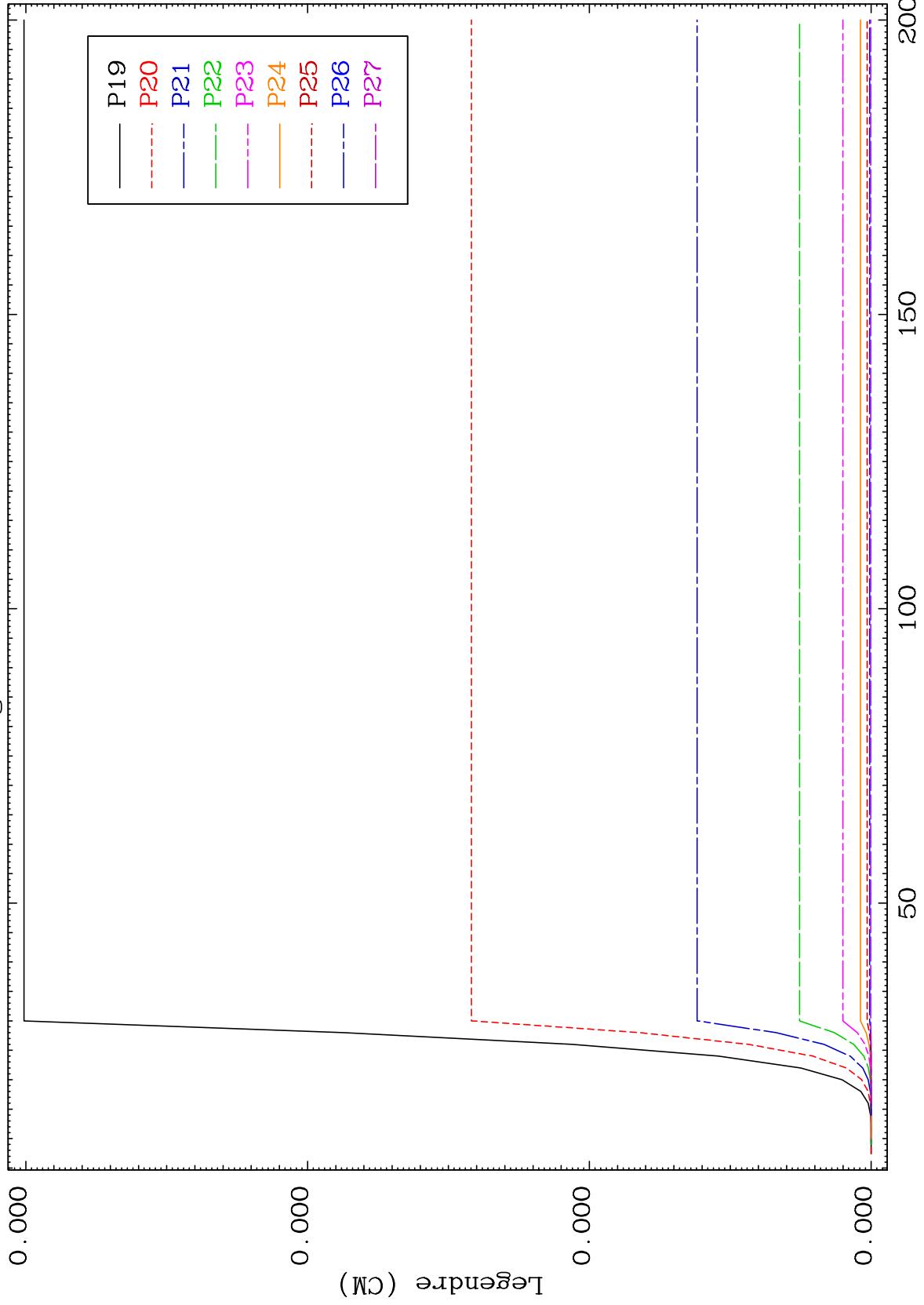
41-Nb-85



18

Incident Energy (MeV)

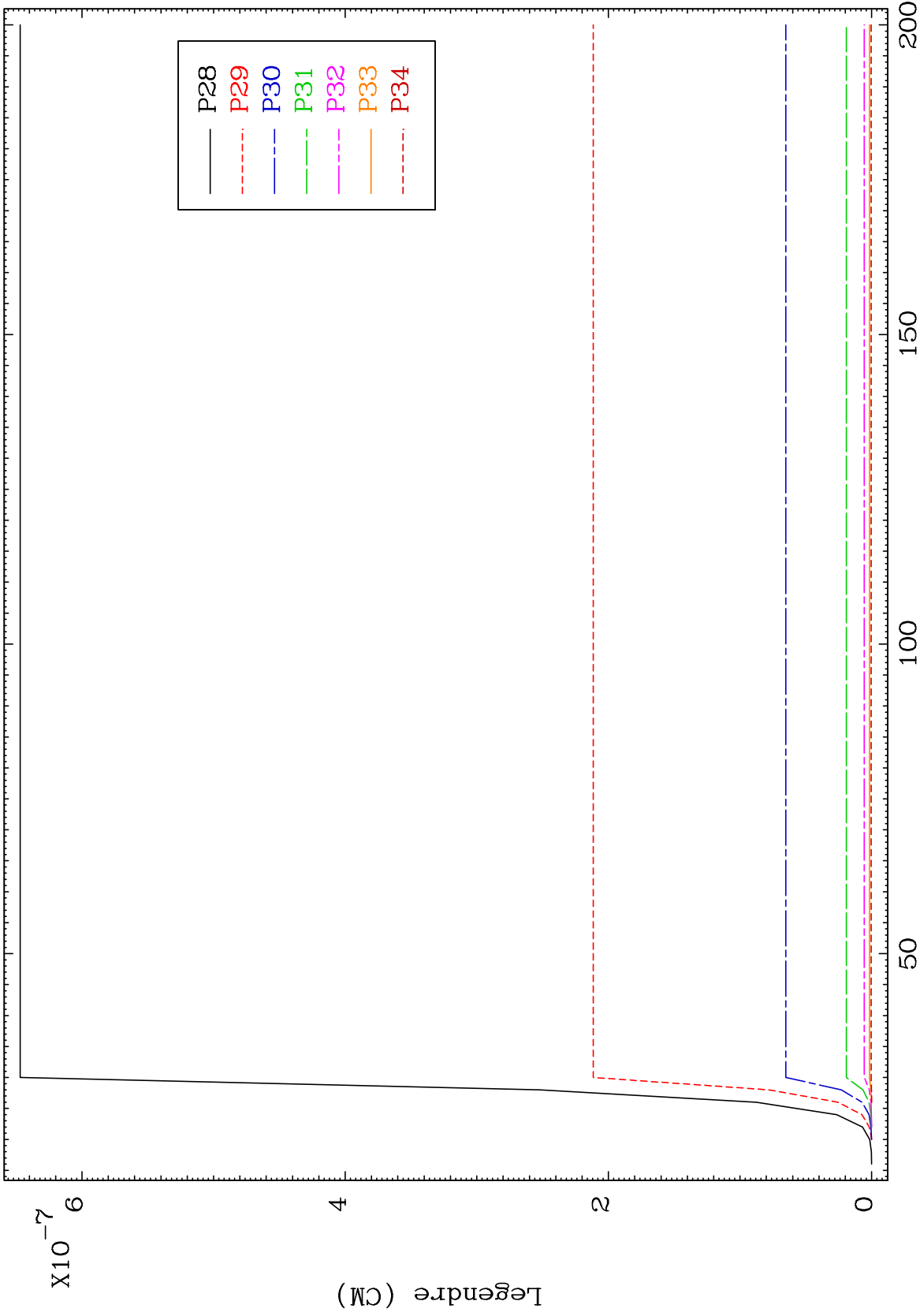
41-Nb-85



MAT 4101

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

41-Nb-85



20

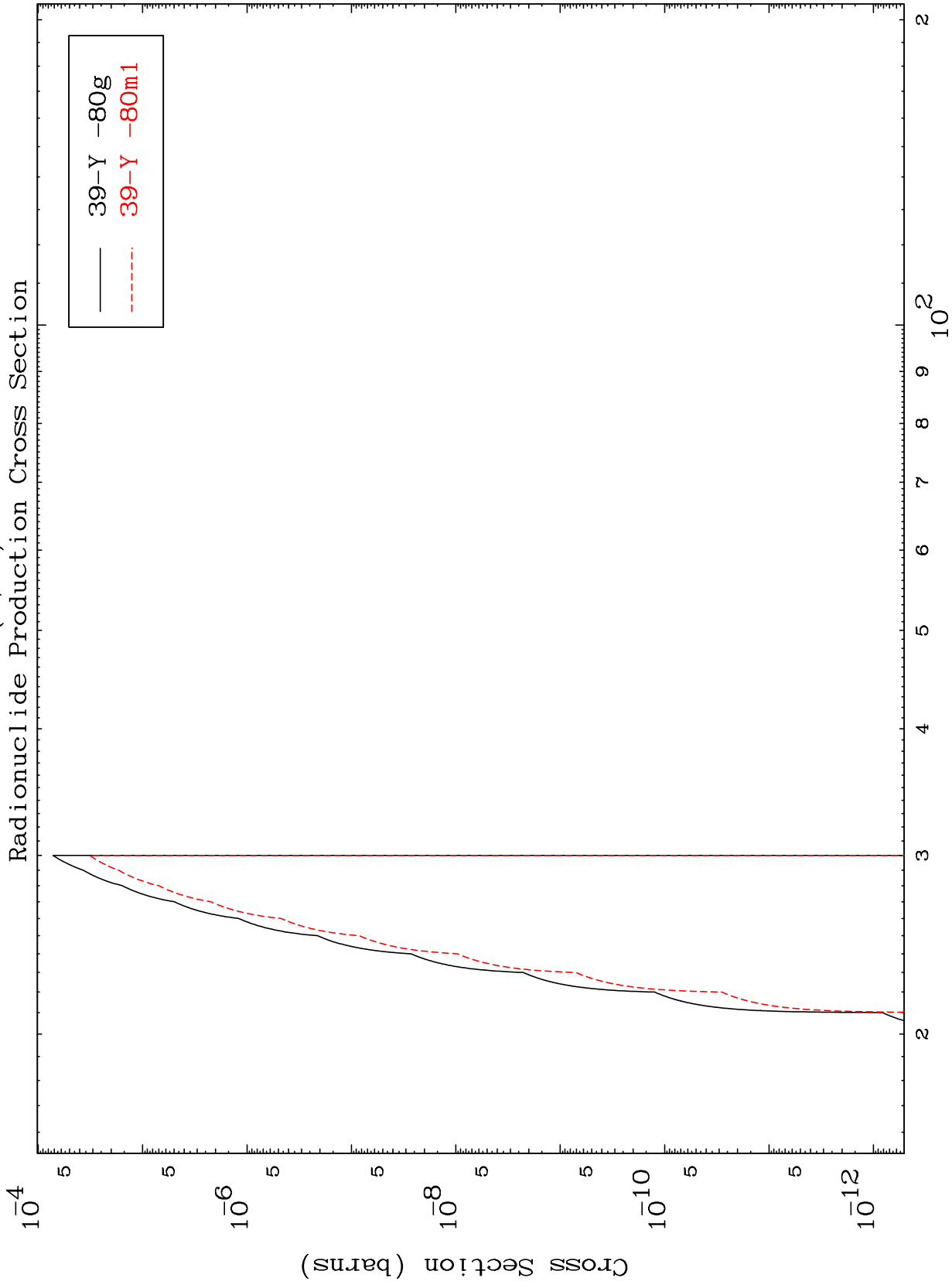
Incident Energy (MeV)

41-Nb-85

MAT 4101

(n,2n) α

41-Nb-85



21

Incident Energy (MeV)

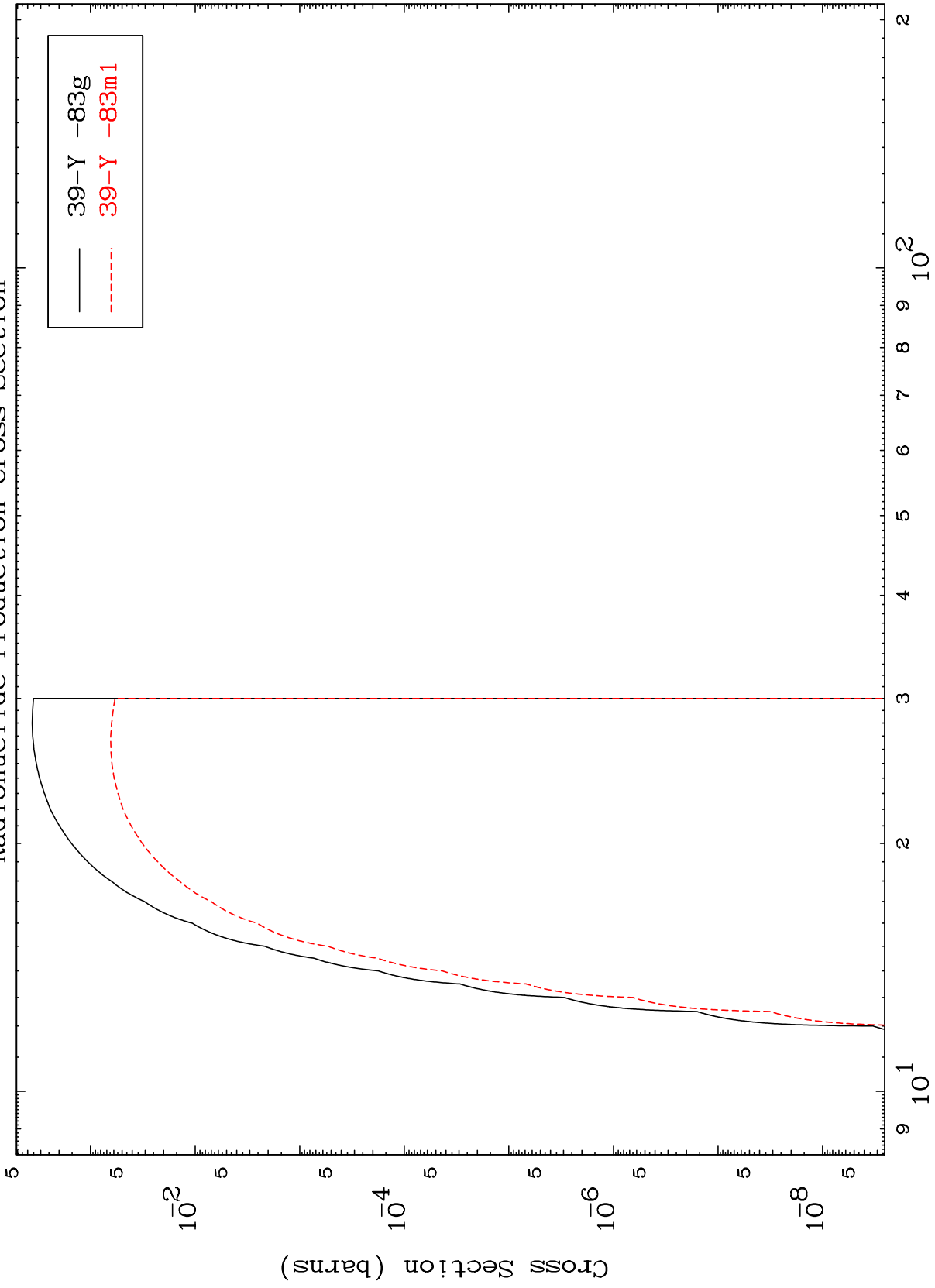
41-Nb-85

MAT 4101

(n,2n) p

41-Nb-85

Radionuclide Production Cross Section



22

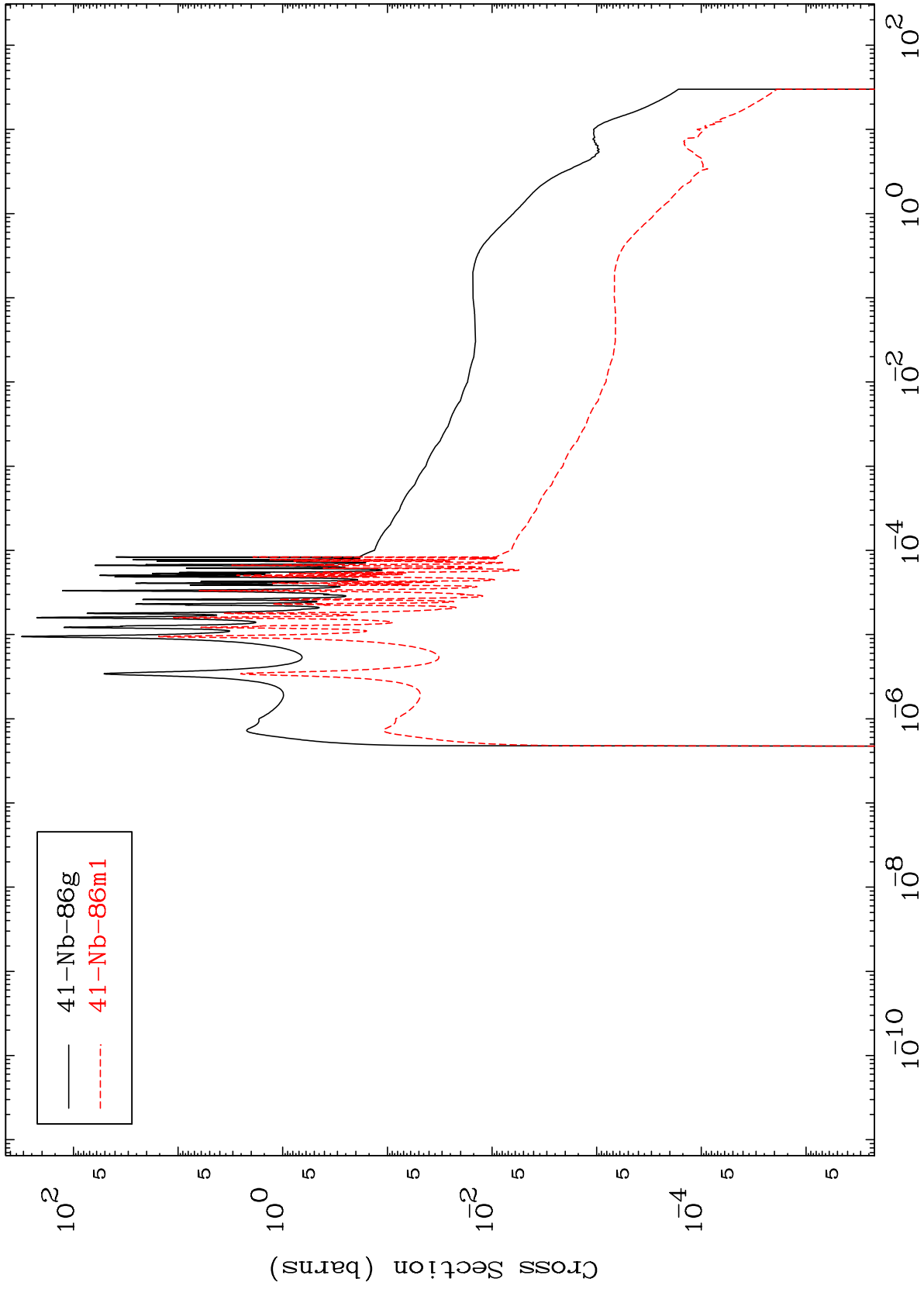
Incident Energy (MeV)

41-Nb-85

MAT 4101

41-Nb-85

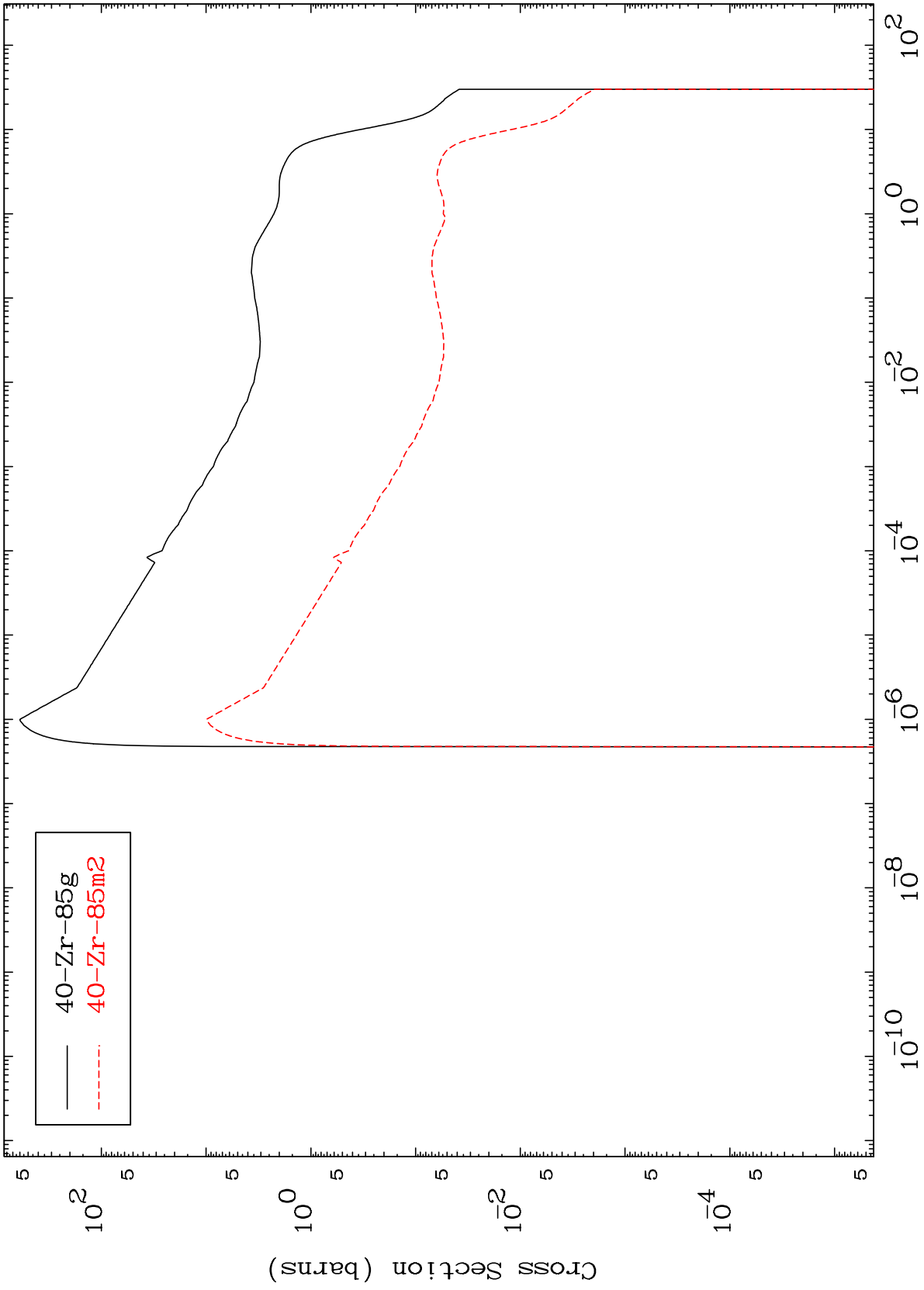
Radionuclide Production Cross Section (n,γ)



MAT 4101

41-Nb-85

(n,p)
Radionuclide Production Cross Section



24

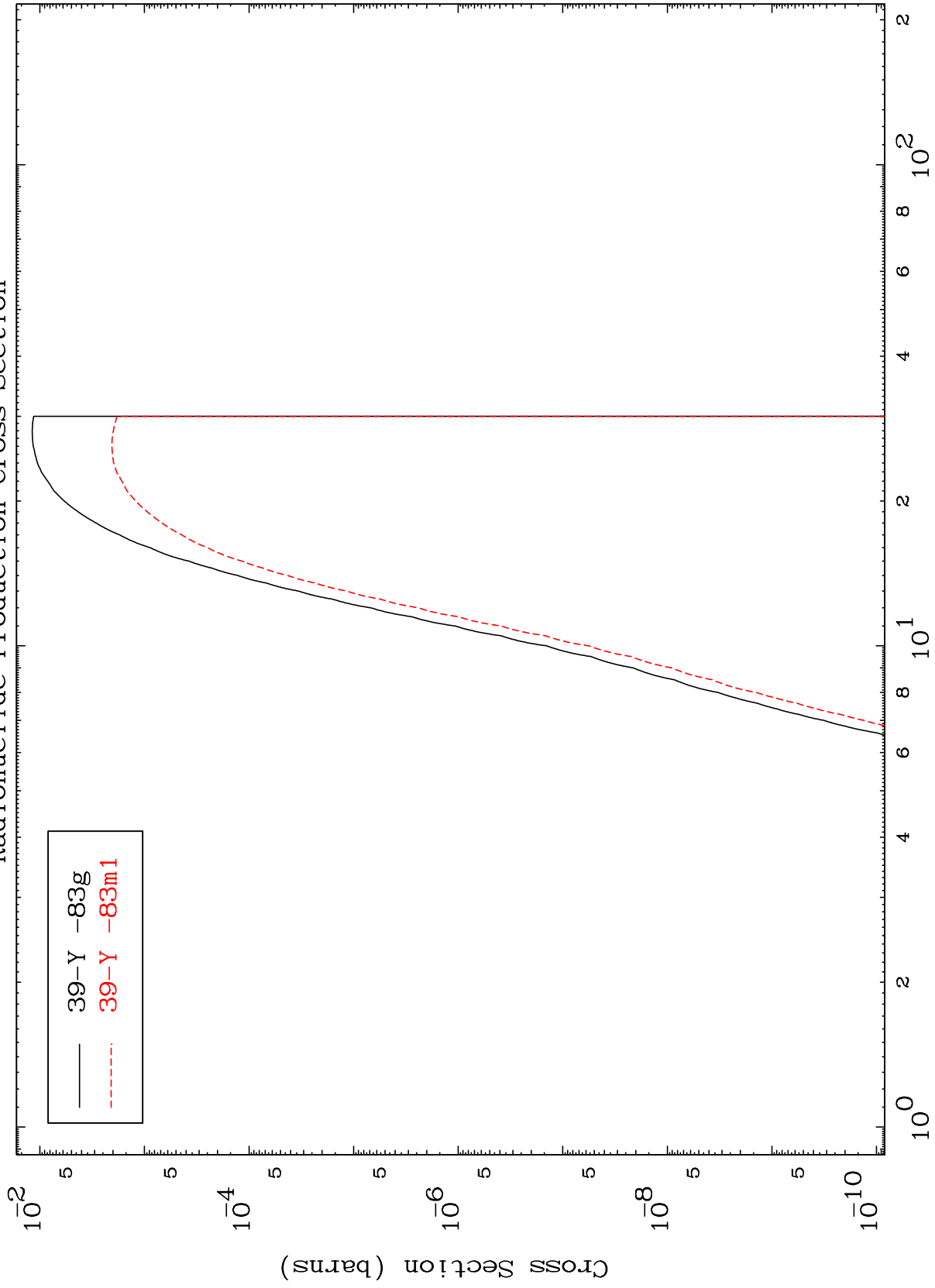
41-Nb-85

MAT 4101

(n,He-3)

41-Nb-85

Radionuclide Production Cross Section



25

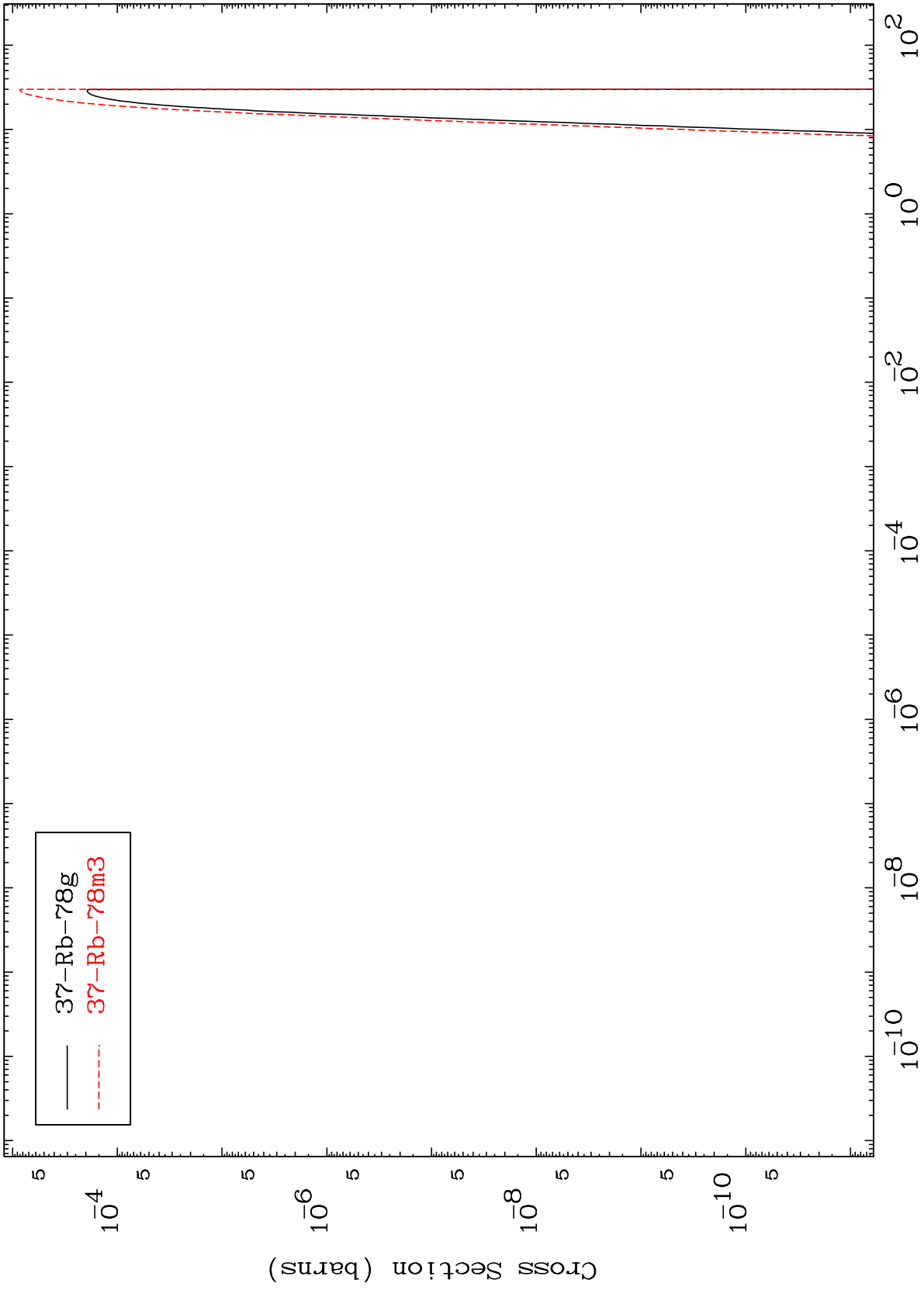
Incident Energy (MeV)

41-Nb-85

MAT 4101

Radionuclide Production Cross Section
(n,2α)

41-Nb-85



26

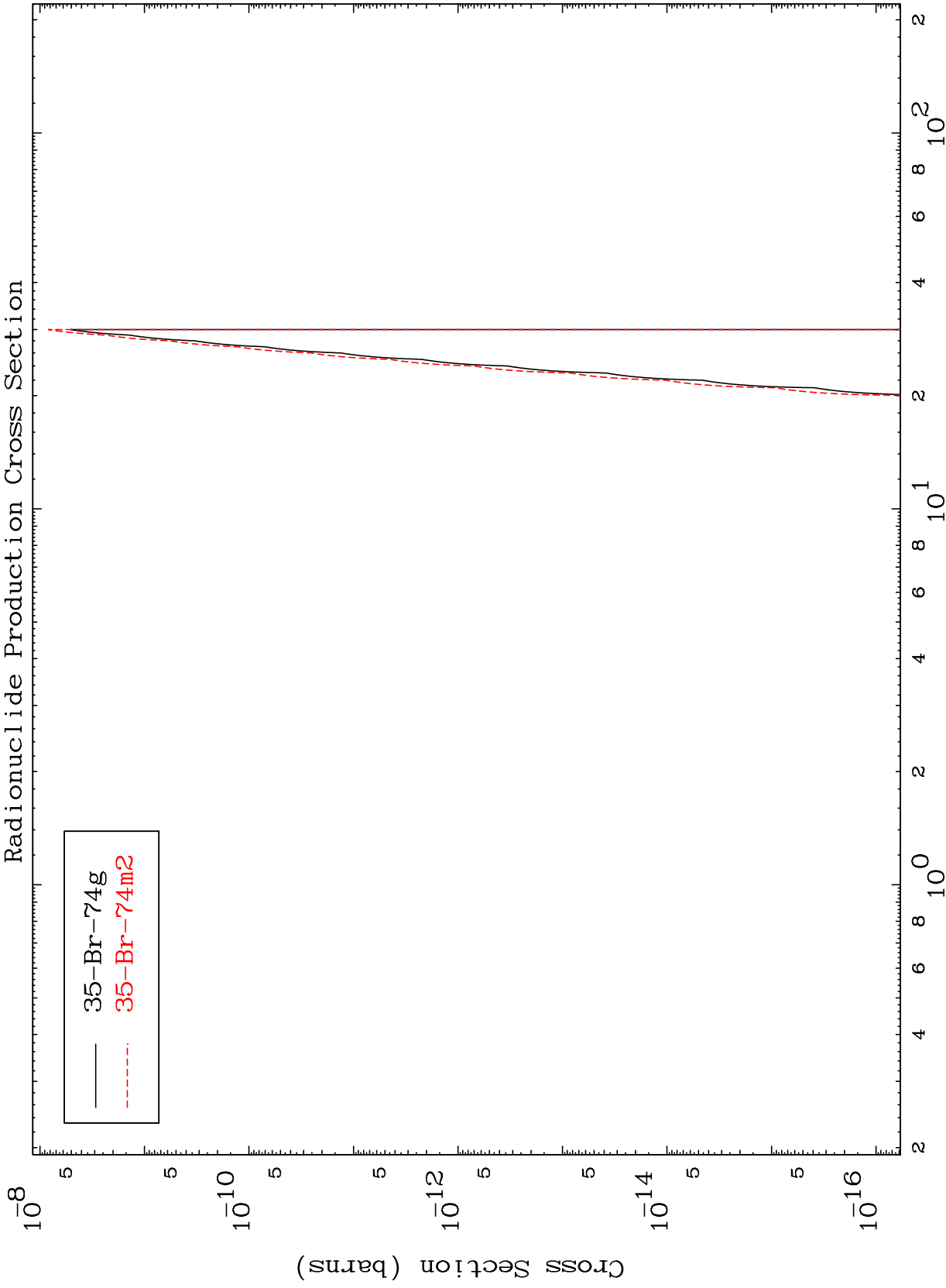
41-Nb-85

MAT 4101

(n,3α)

41-Nb-85

Radionuclide Production Cross Section



27

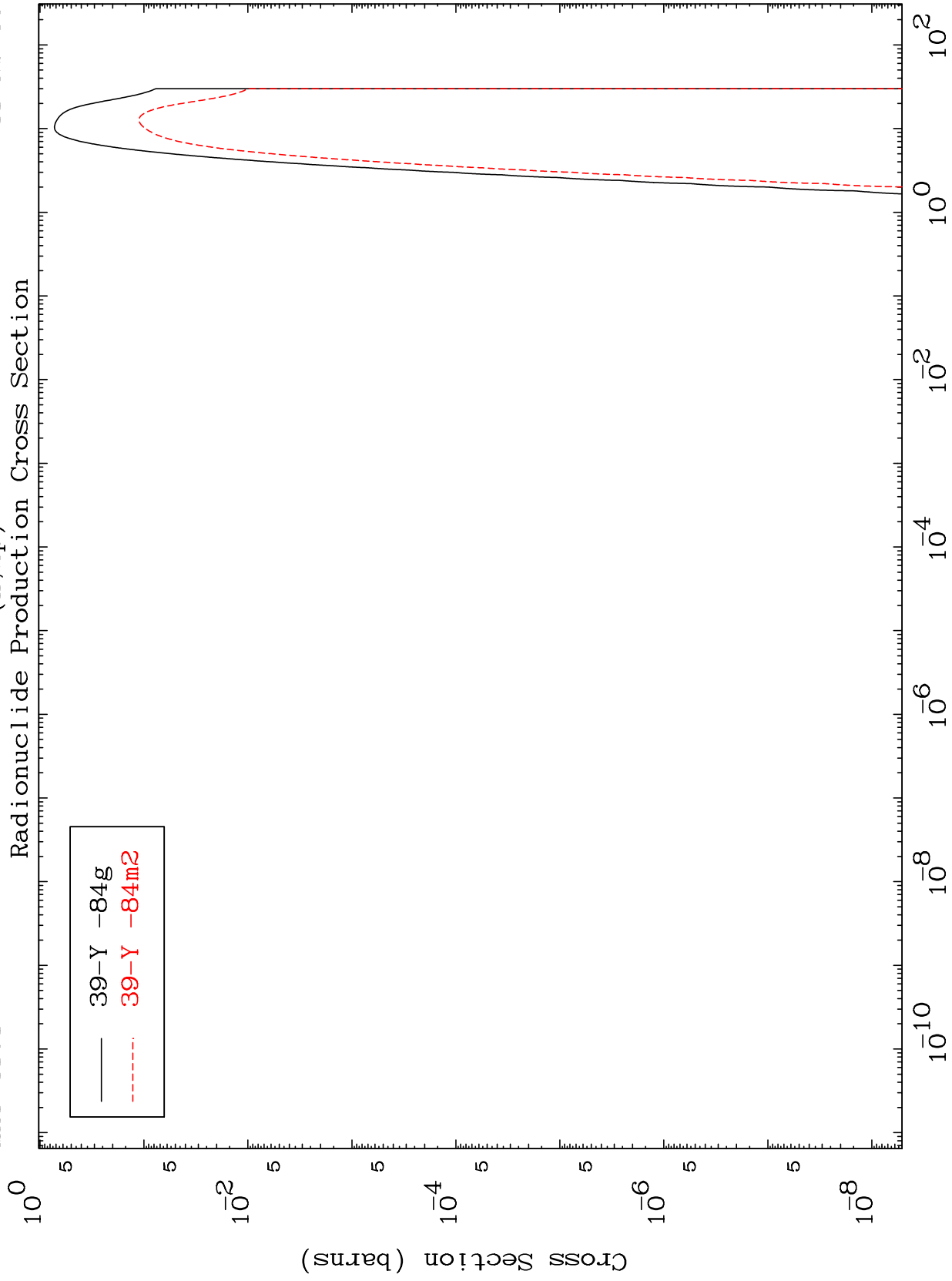
Incident Energy (MeV)

41-Nb-85

MAT 4101

Radionuclide Production Cross Section
(n,2p)

41-Nb-85



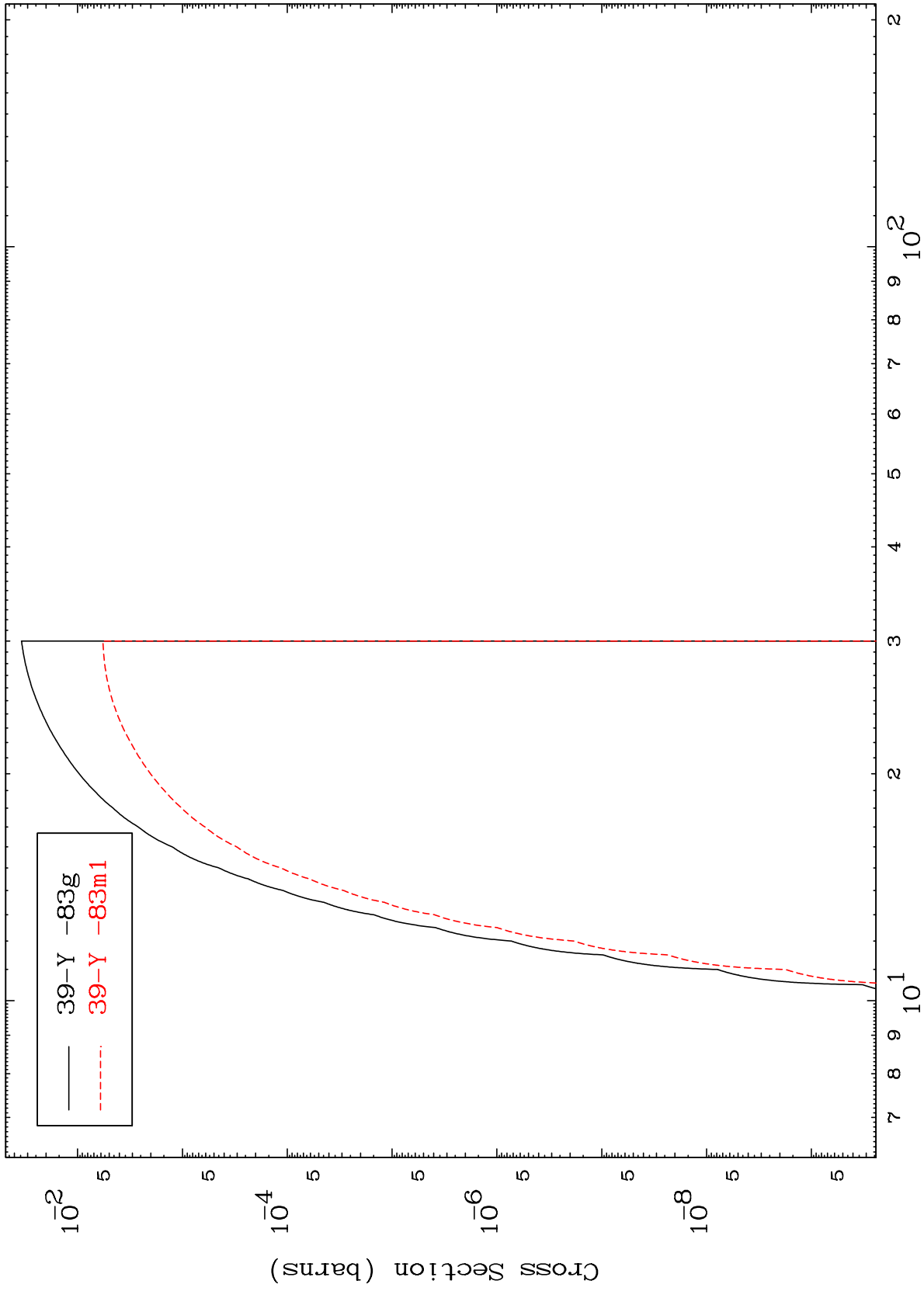
39-Y -84g
39-Y -84m2

MAT 4101

(n,p) d

41-Nb-85

Radionuclide Production Cross Section



29

Incident Energy (MeV)

41-Nb-85