

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

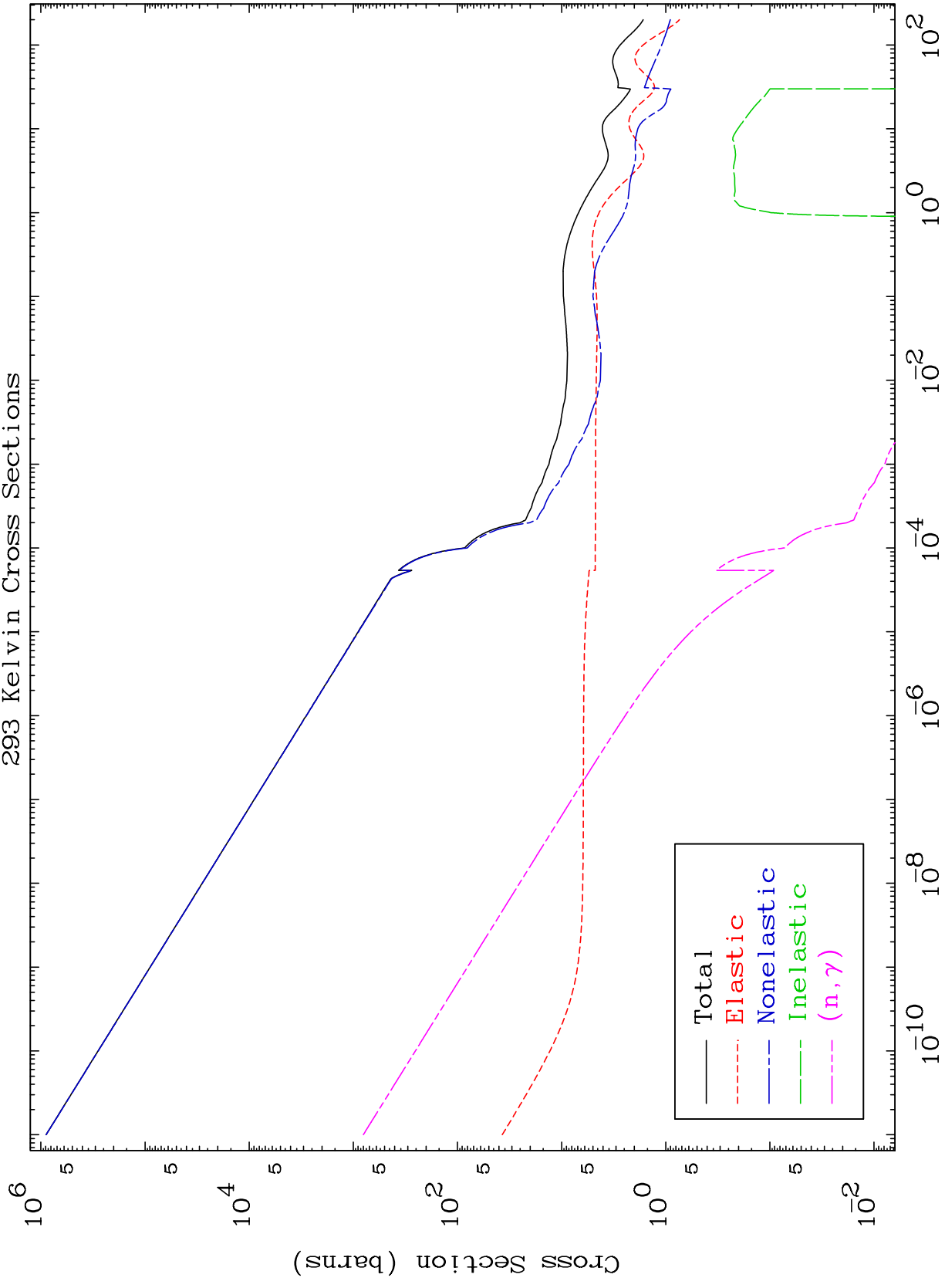
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4595

Neutron Major
293 Kelvin Cross Sections

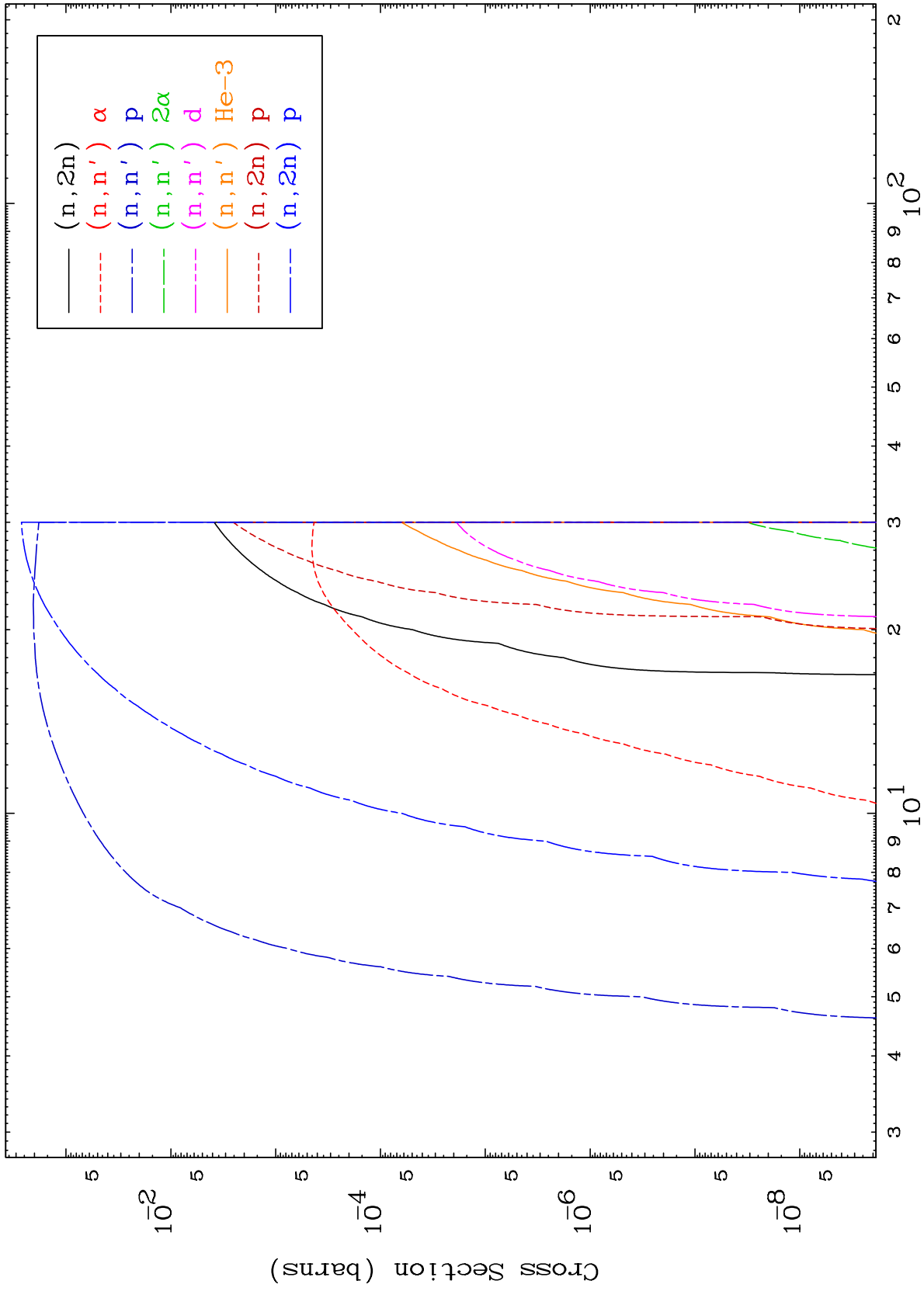
46-Pd-92



MAT 4595

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-92



2

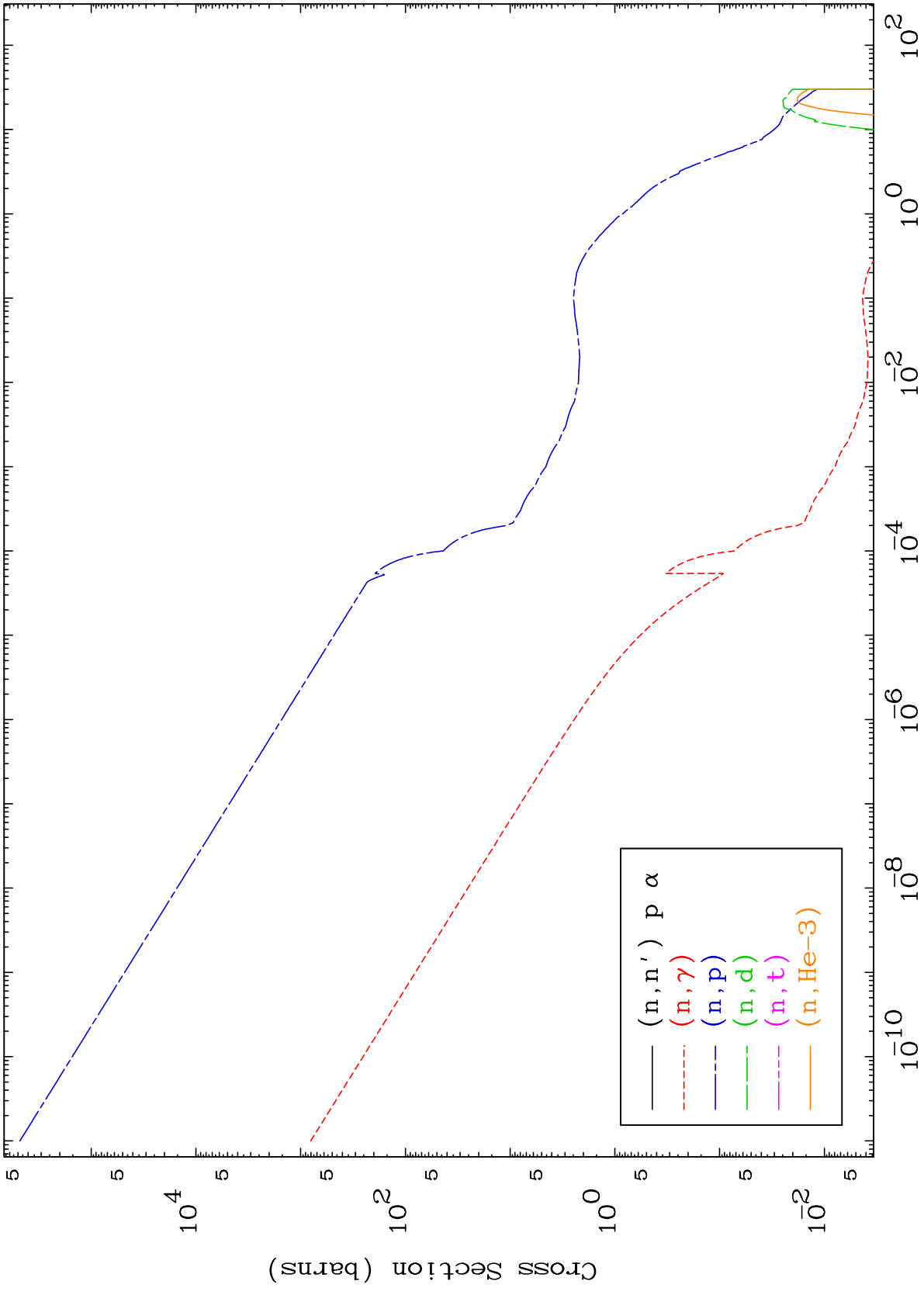
Incident Energy (MeV)

46-Pd-92

MAT 4595

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-92

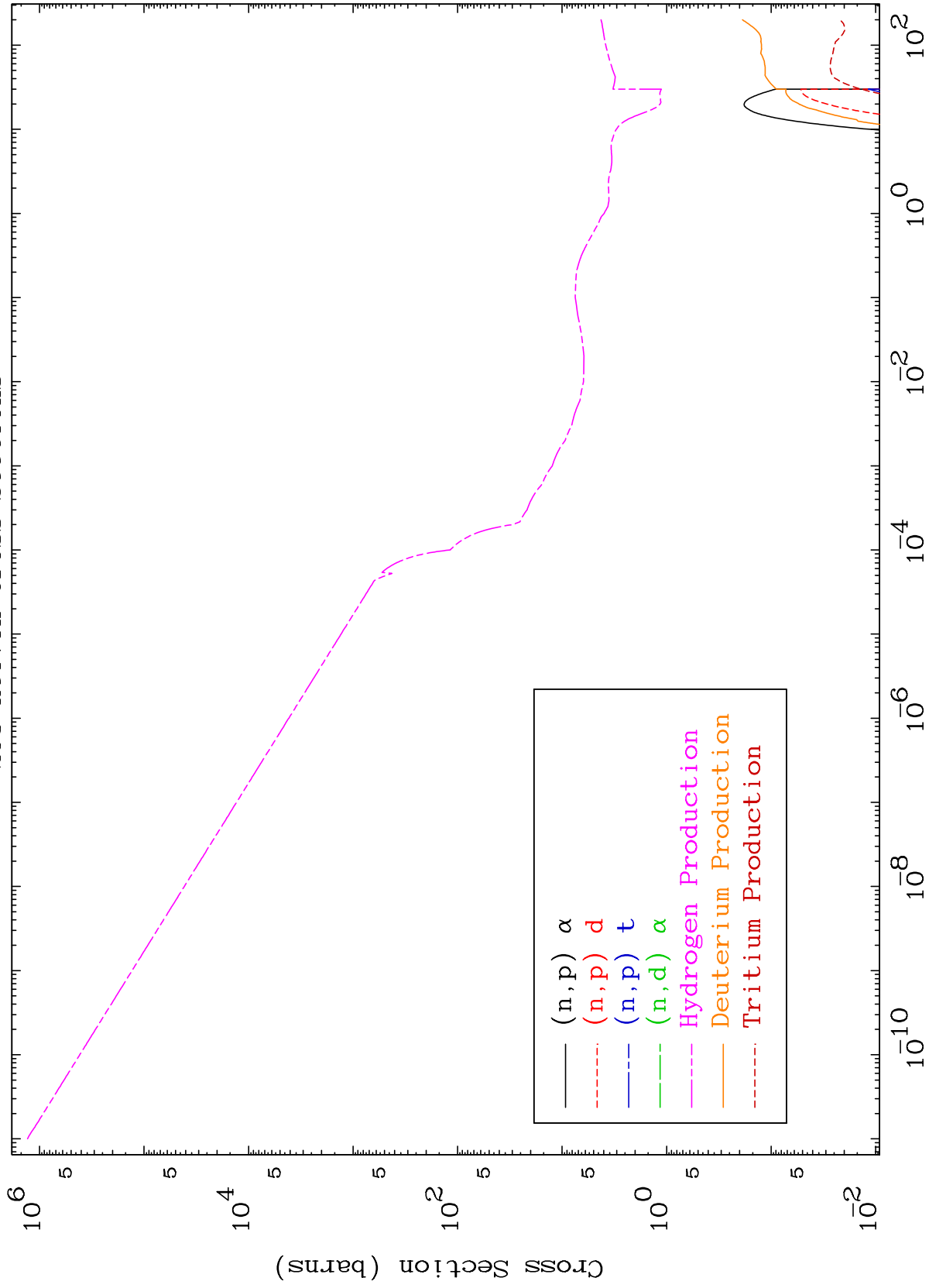


46-Pd-92

MAT 4595

Neutron Absorption
293 Kelvin Cross Sections

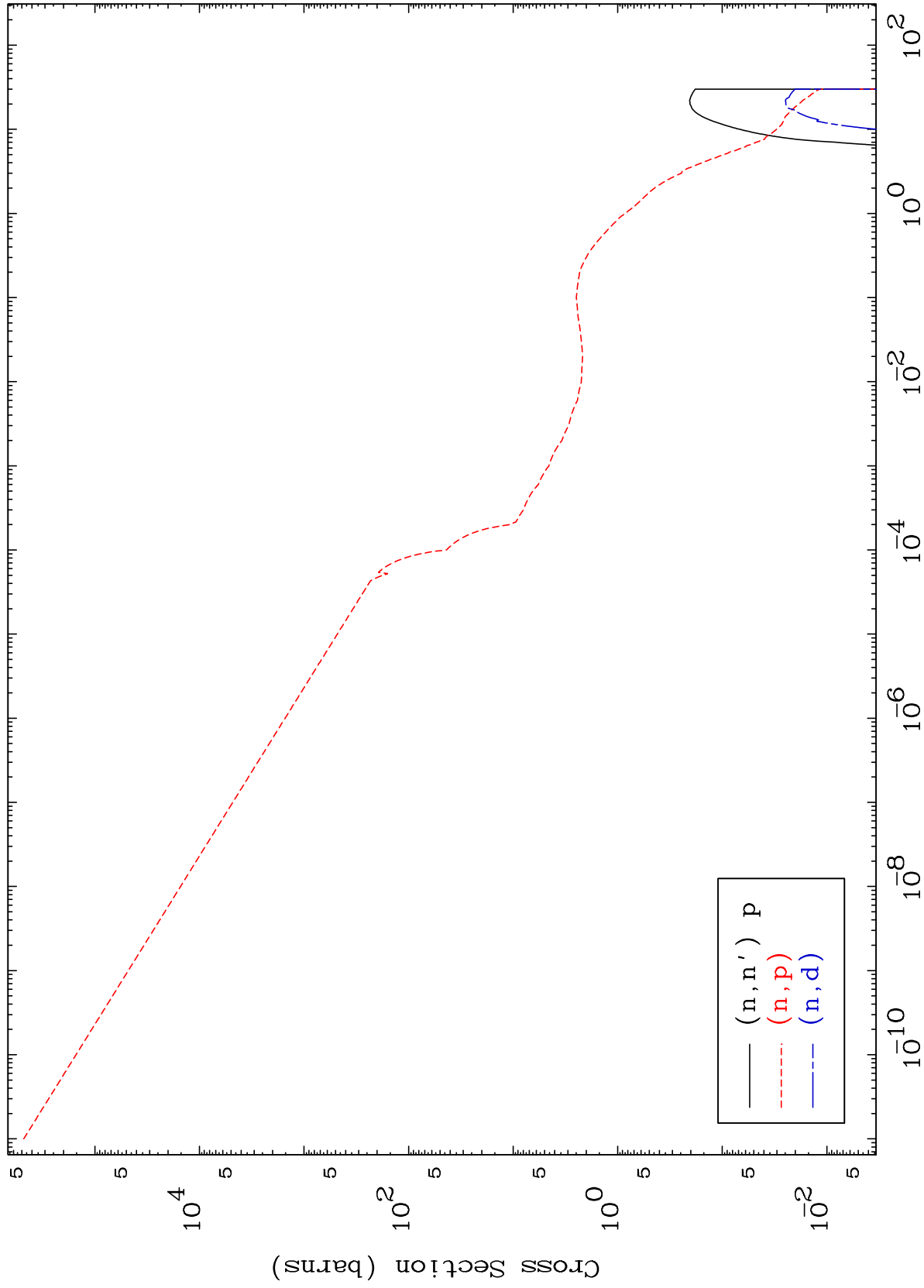
46-Pd-92



MAT 4595

Charged Particle
293 Kelvin Cross Sections

46-Pd-92



5

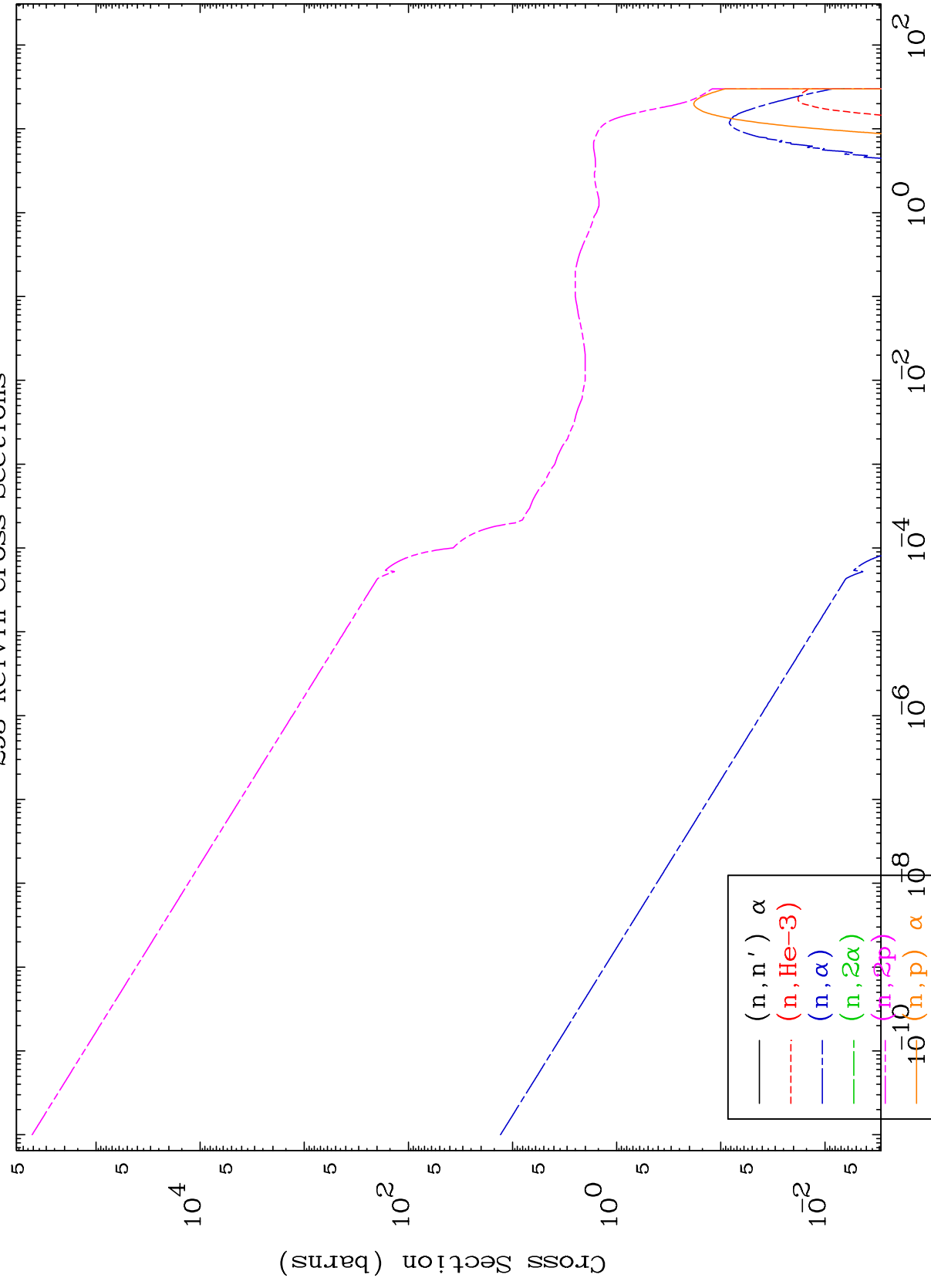
Incident Energy (MeV)

46-Pd-92

MAT 4595

Charged Particle
293 Kelvin Cross Sections

46-Pd-92



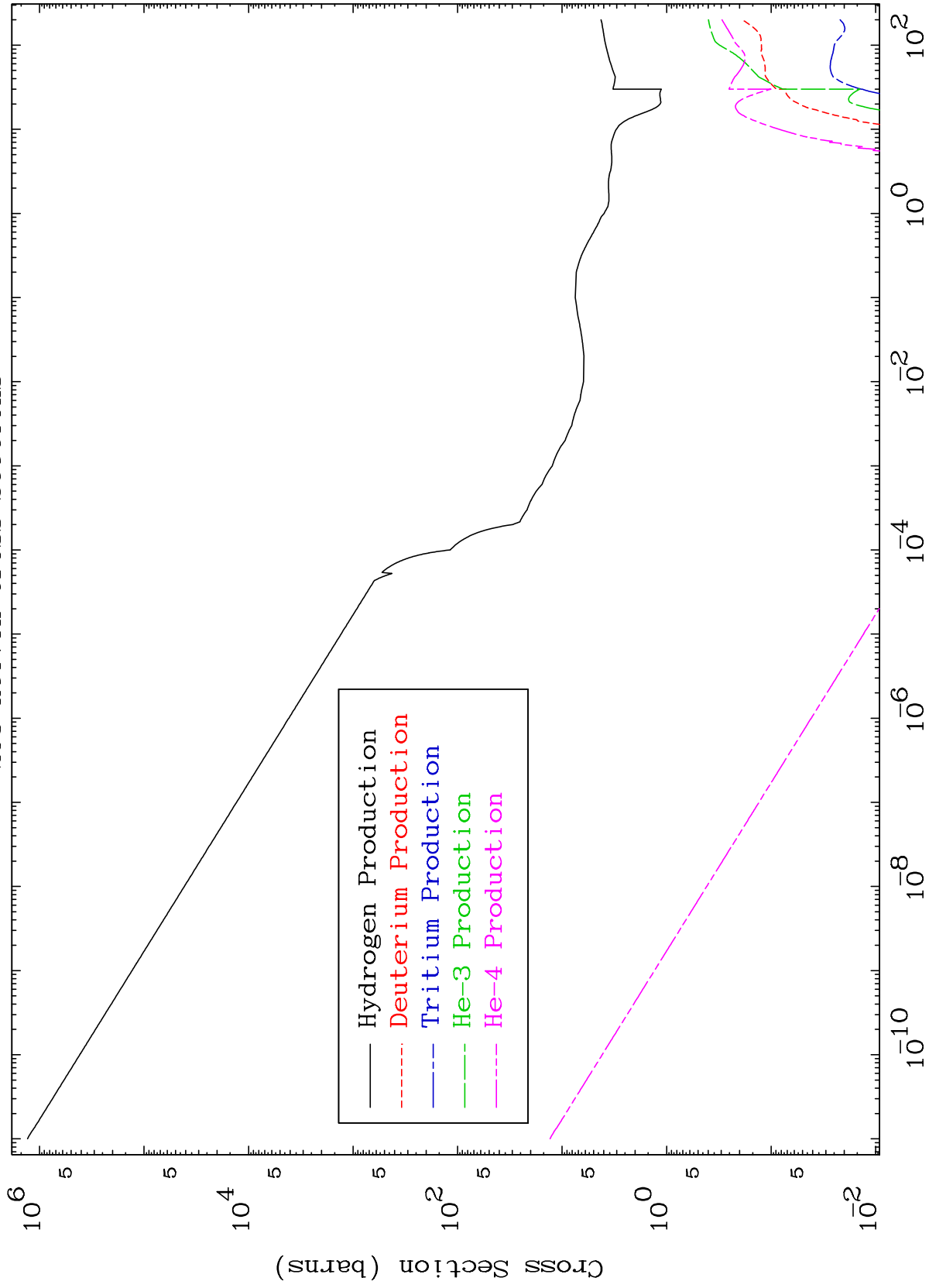
6

46-Pd-92

MAT 4595

Particle Production
293 Kelvin Cross Sections

46-Pd-92



7

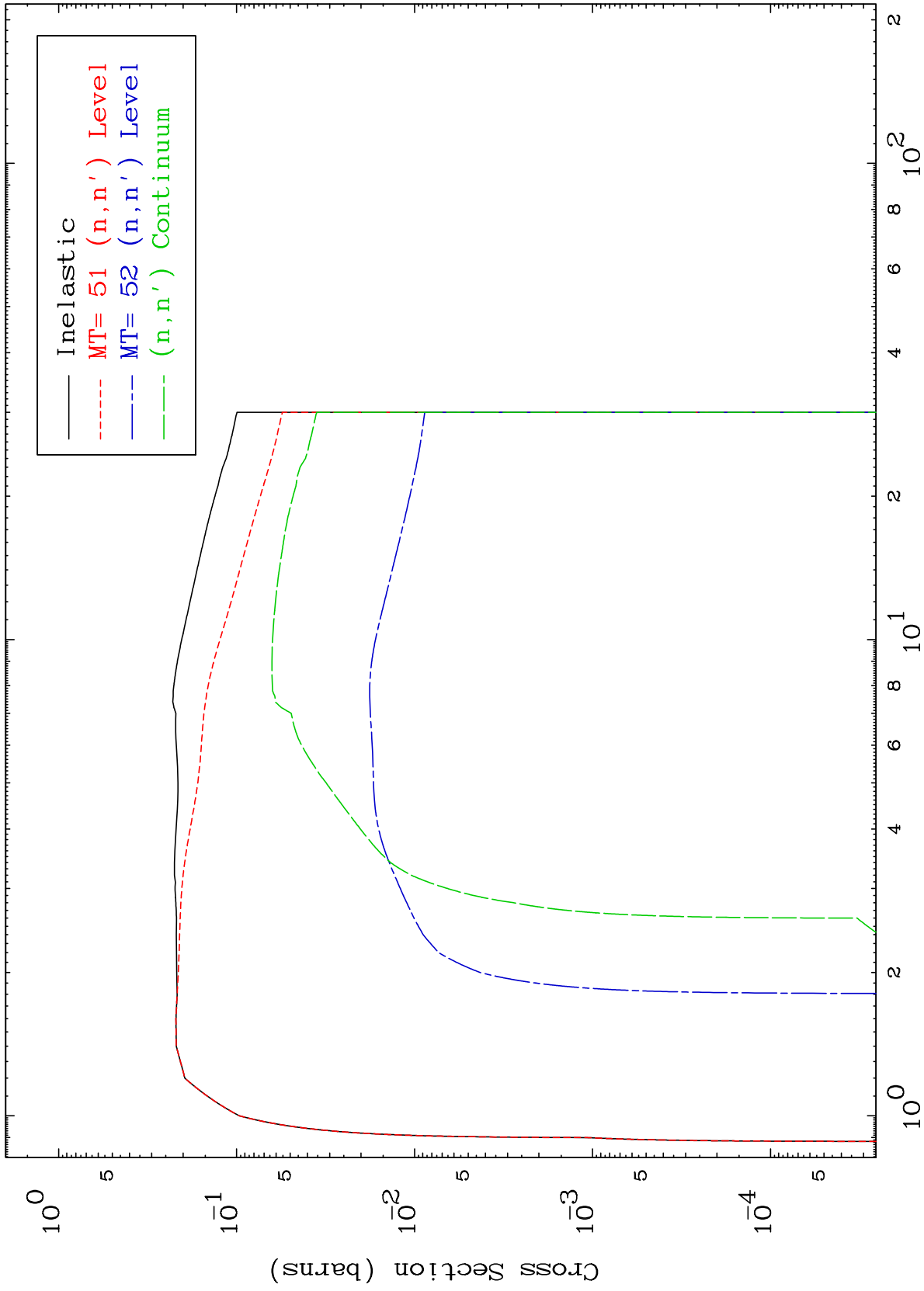
Incident Energy (MeV)

46-Pd-92

MAT 4595

(n,n') Levels
293 Kelvin Cross Sections

46-Pd-92



8

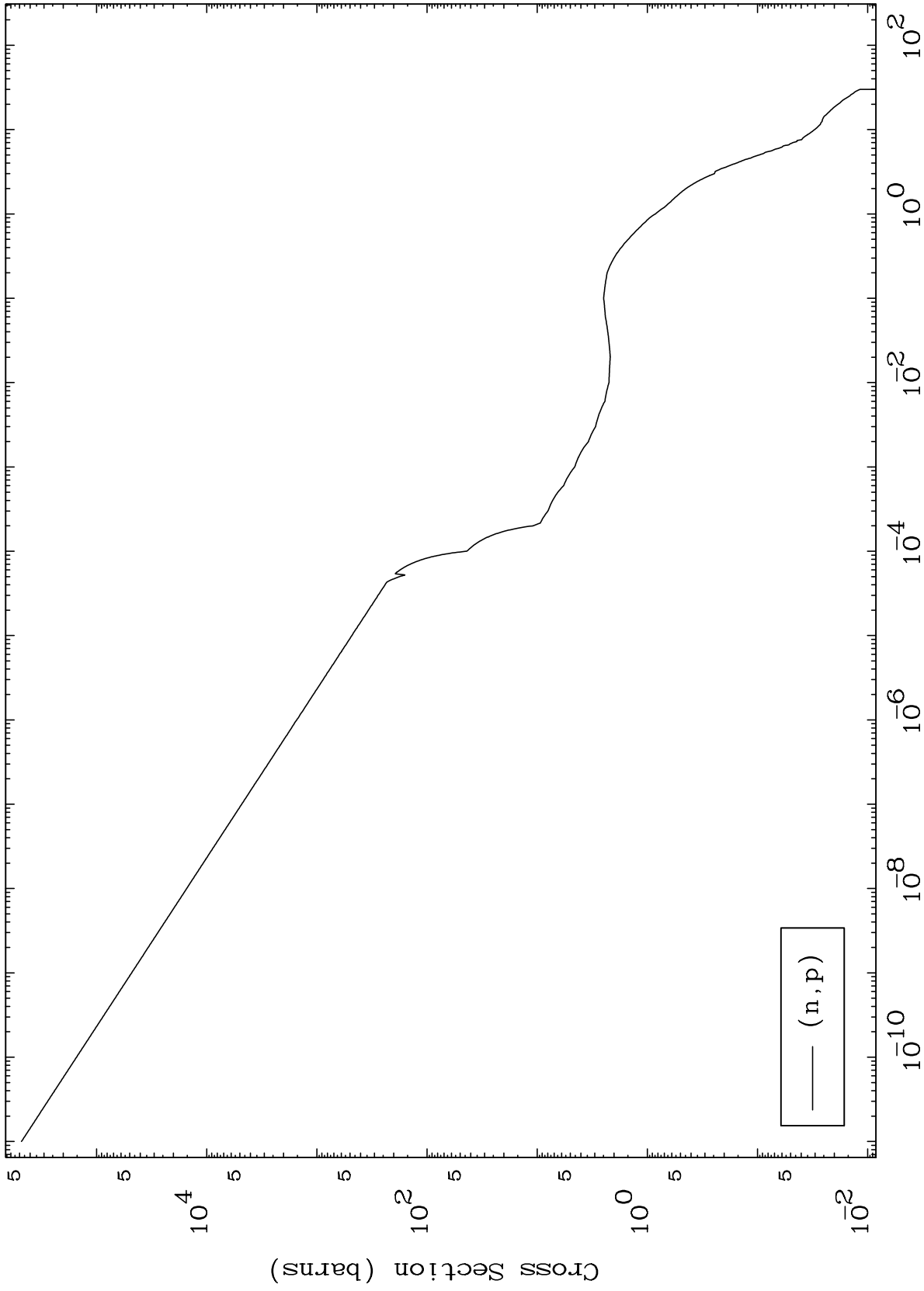
Incident Energy (MeV)

46-Pd-92

MAT 4595

(n,p) Levels
293 Kelvin Cross Sections

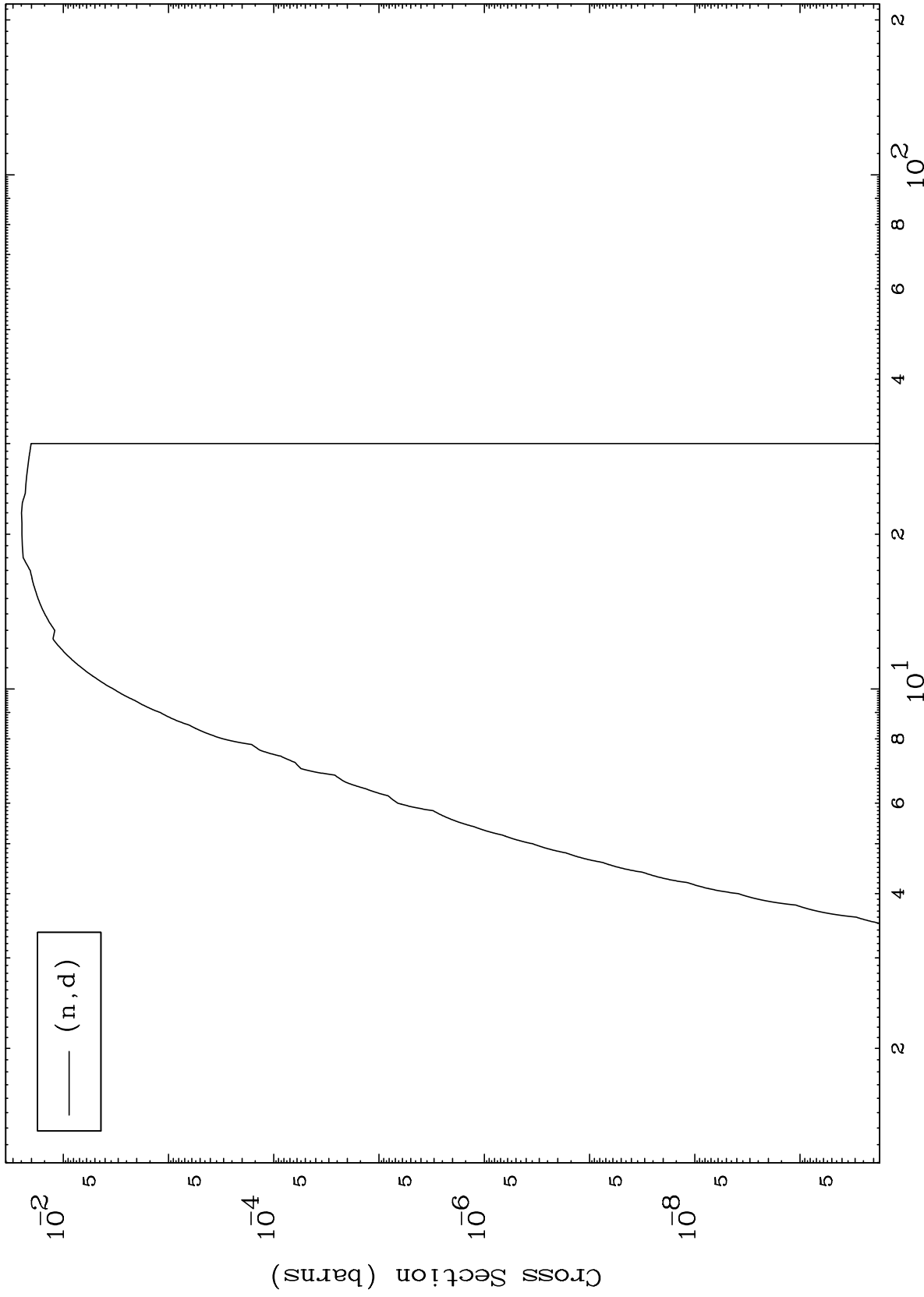
46-Pd-92



MAT 4595

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-92



10

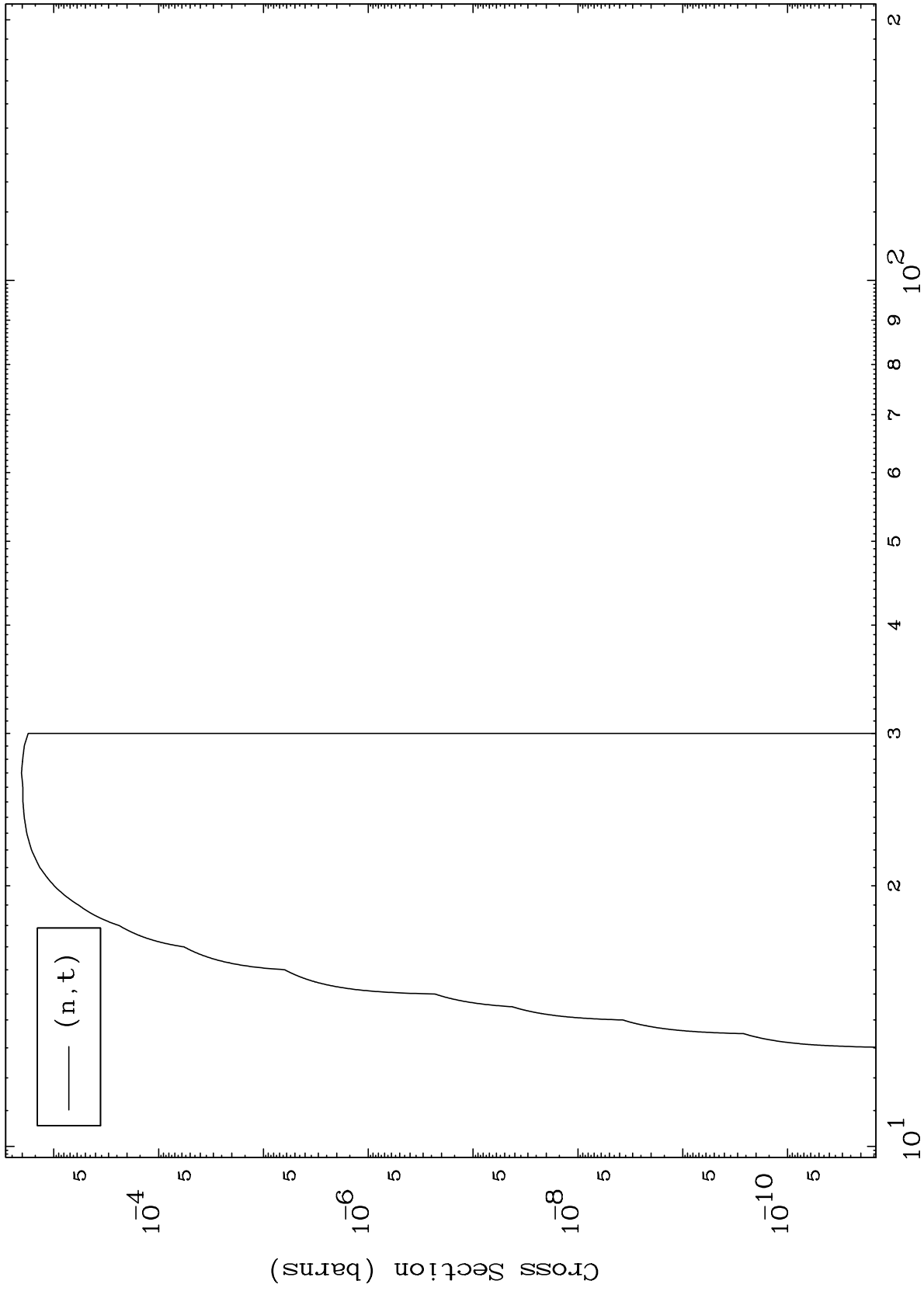
Incident Energy (MeV)

46-Pd-92

MAT 4595

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-92



11

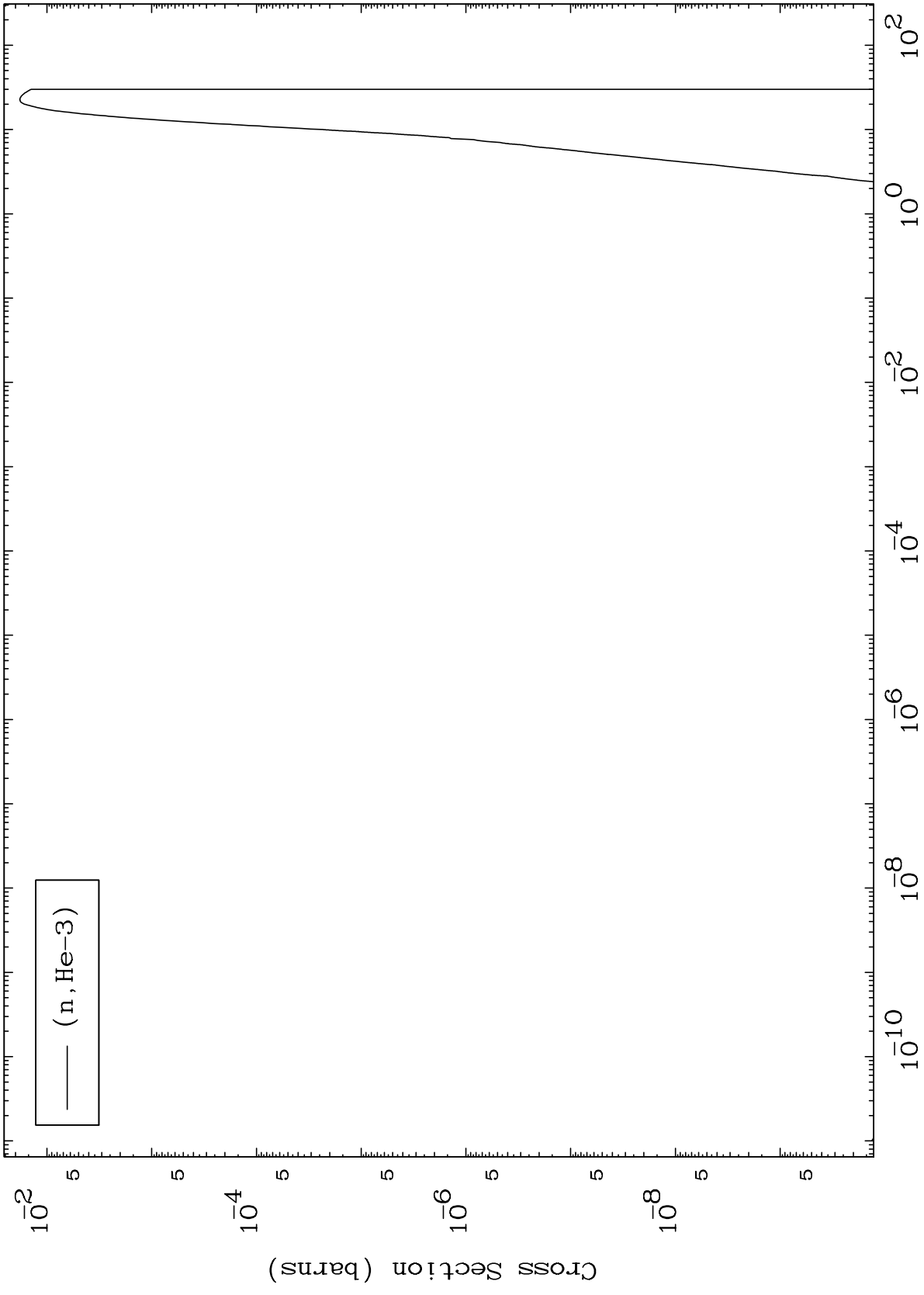
Incident Energy (MeV)

46-Pd-92

MAT 4595

(n,He3) Levels
293 Kelvin Cross Sections

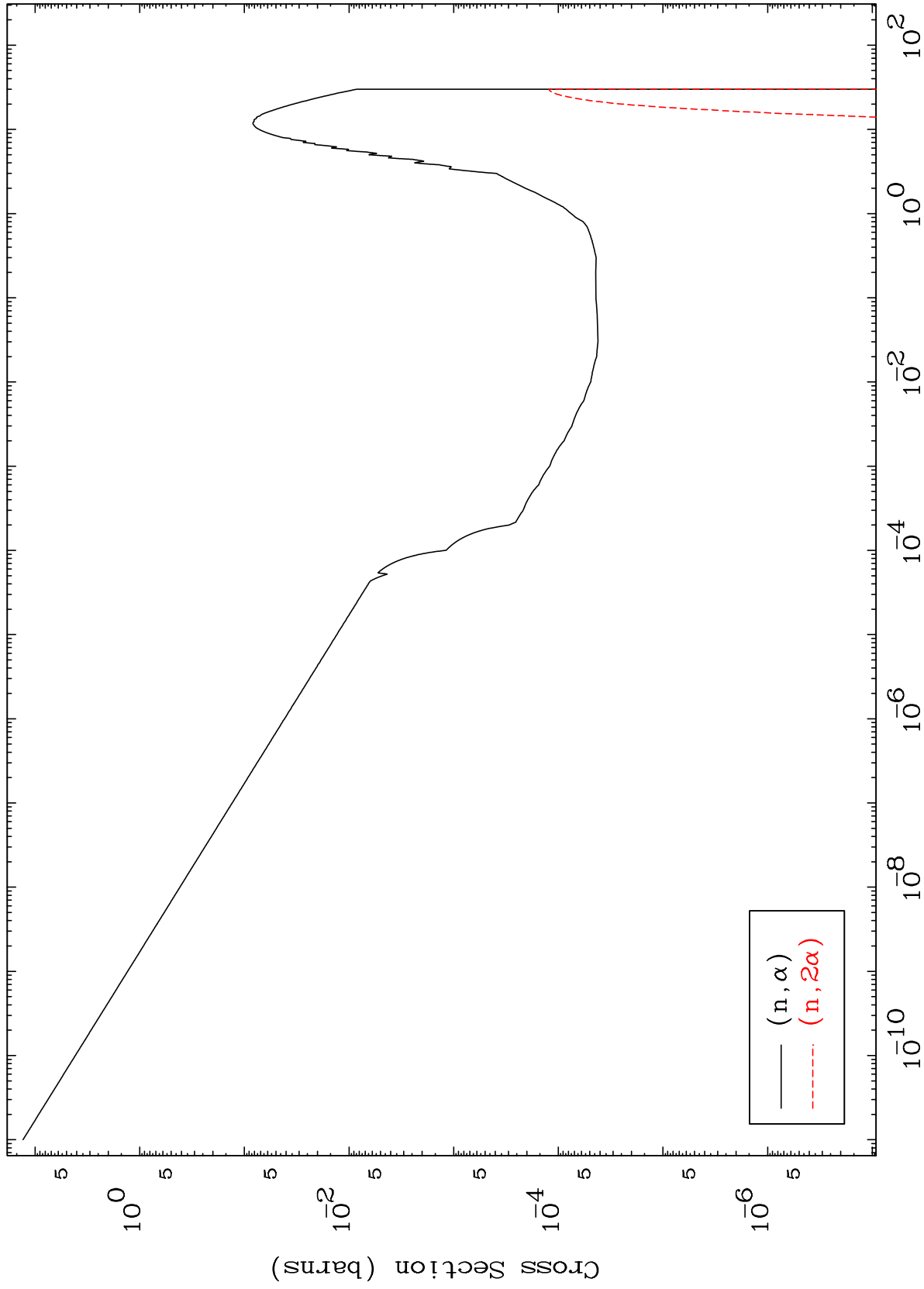
46-Pd-92



MAT 4595

(n, α) Levels
293 Kelvin Cross Sections

46-Pd-92



13

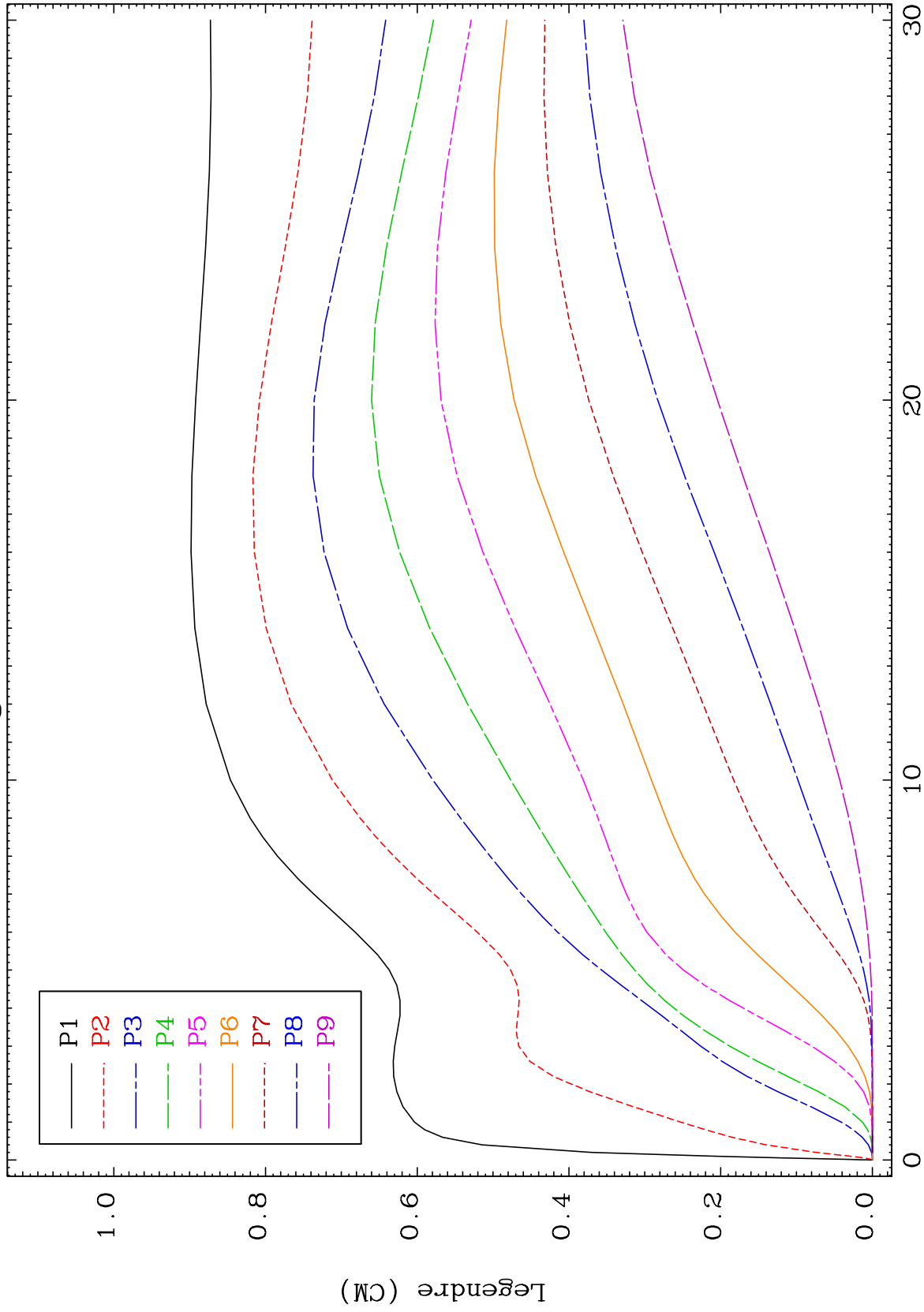
Incident Energy (MeV)

46-Pd-92

MAT 4595

Elastic Legendre Coefficients

46-Pd-92



14

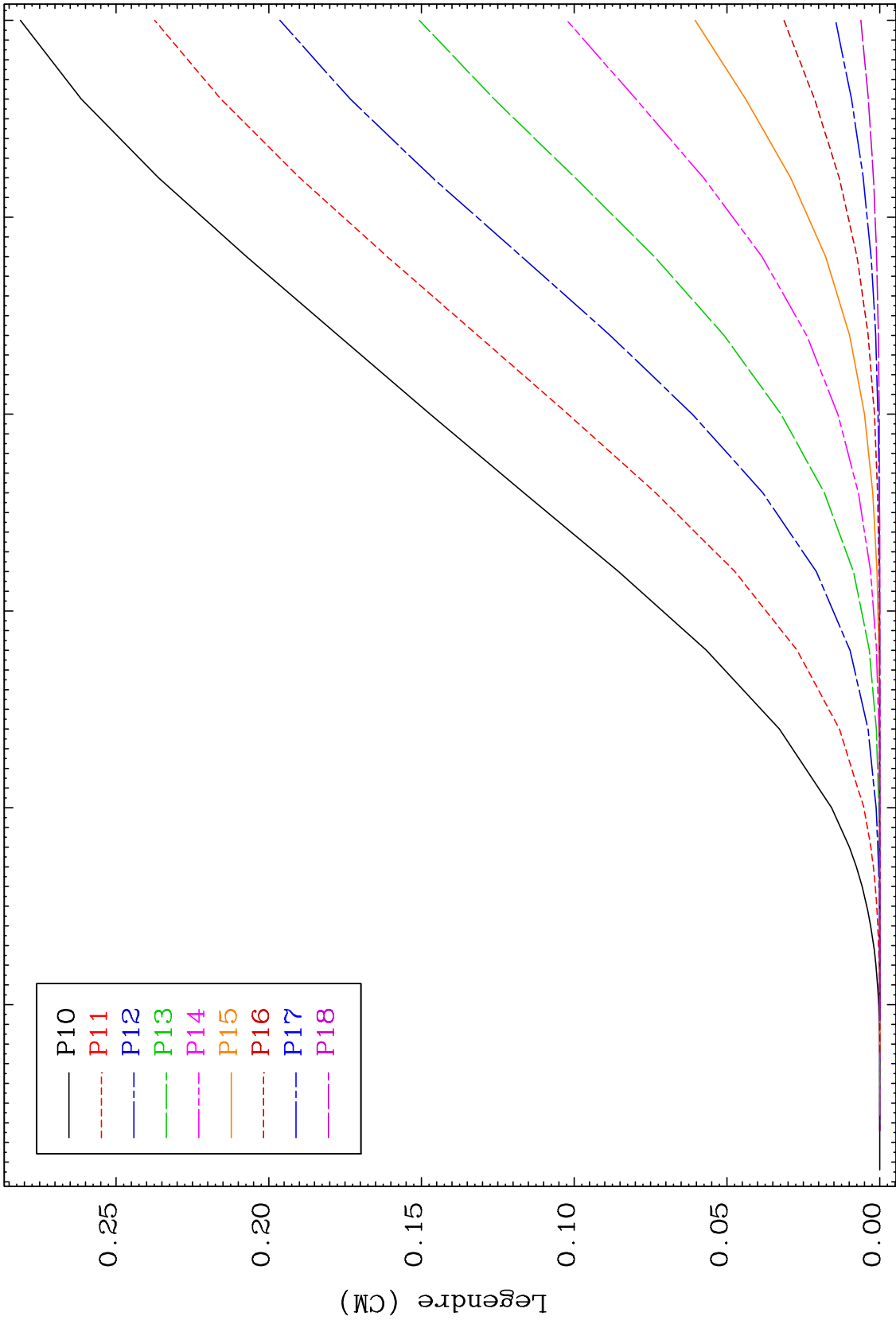
Incident Energy (MeV)

46-Pd-92

MAT 4595

Elastic Legendre Coefficients

46-Pd-92



15

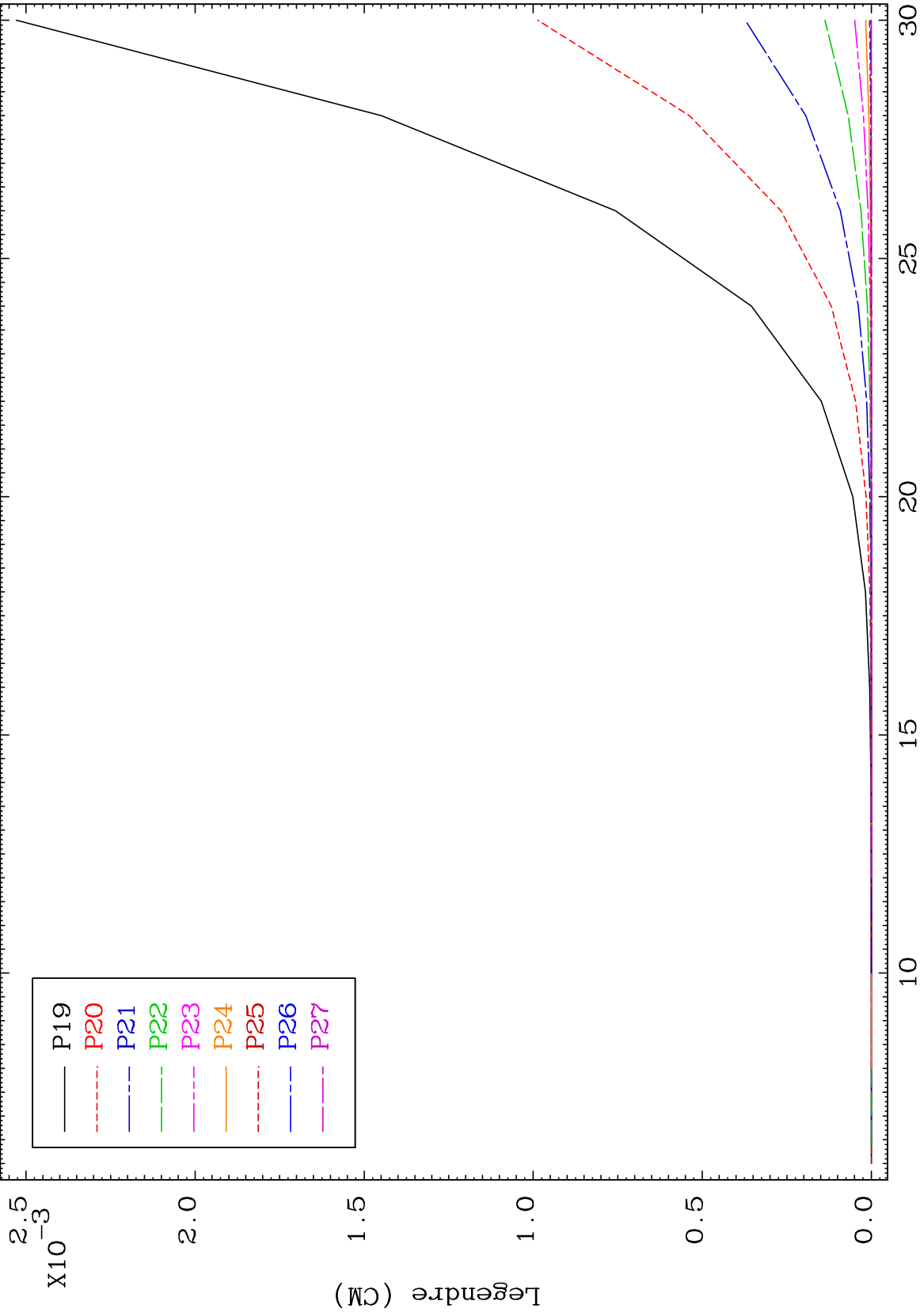
Incident Energy (MeV)

46-Pd-92

MAT 4595

Elastic
Legendre Coefficients

46-Pd-92



16

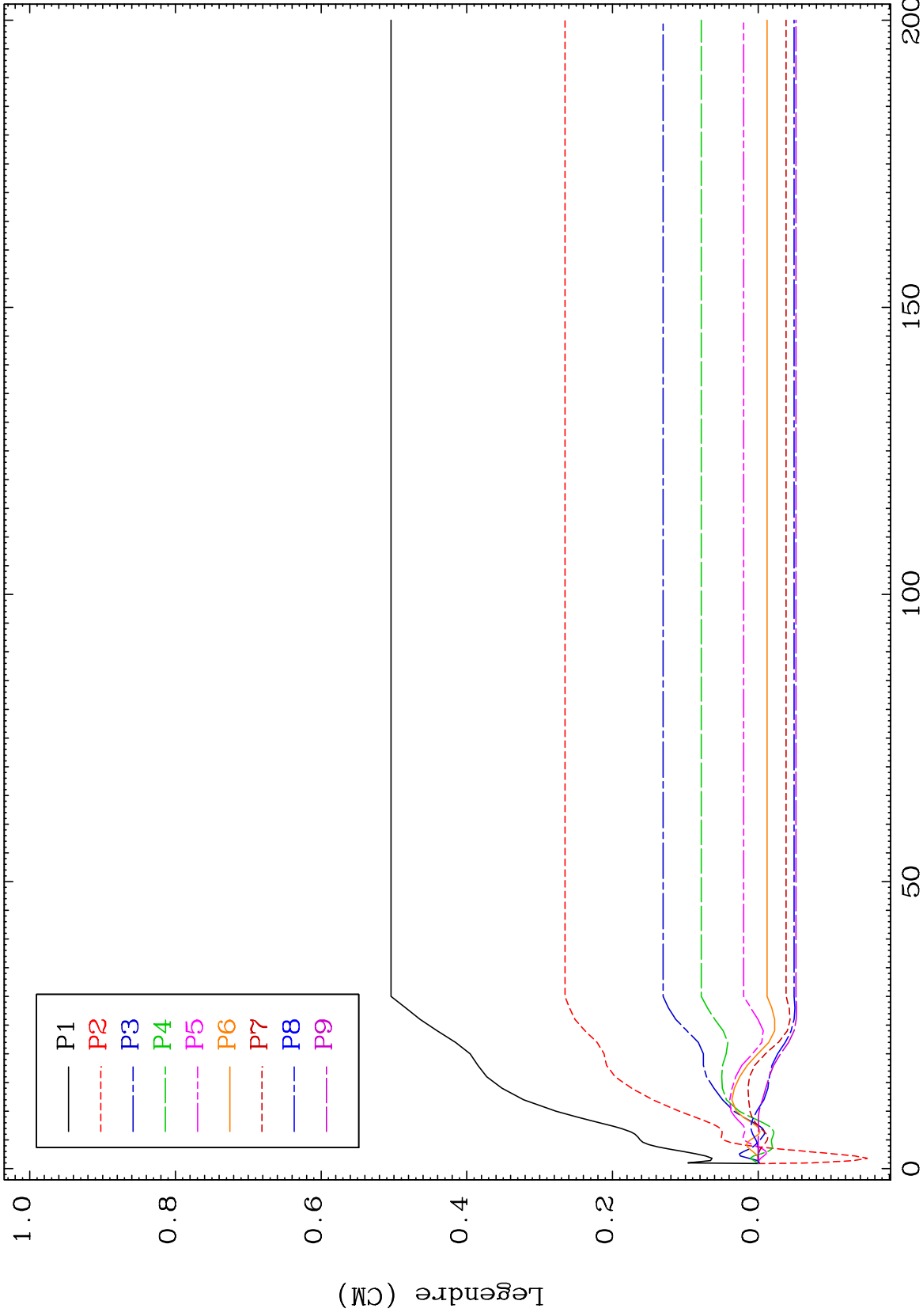
Incident Energy (MeV)

46-Pd-92

MAT 4595

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

46-Pd-92



18

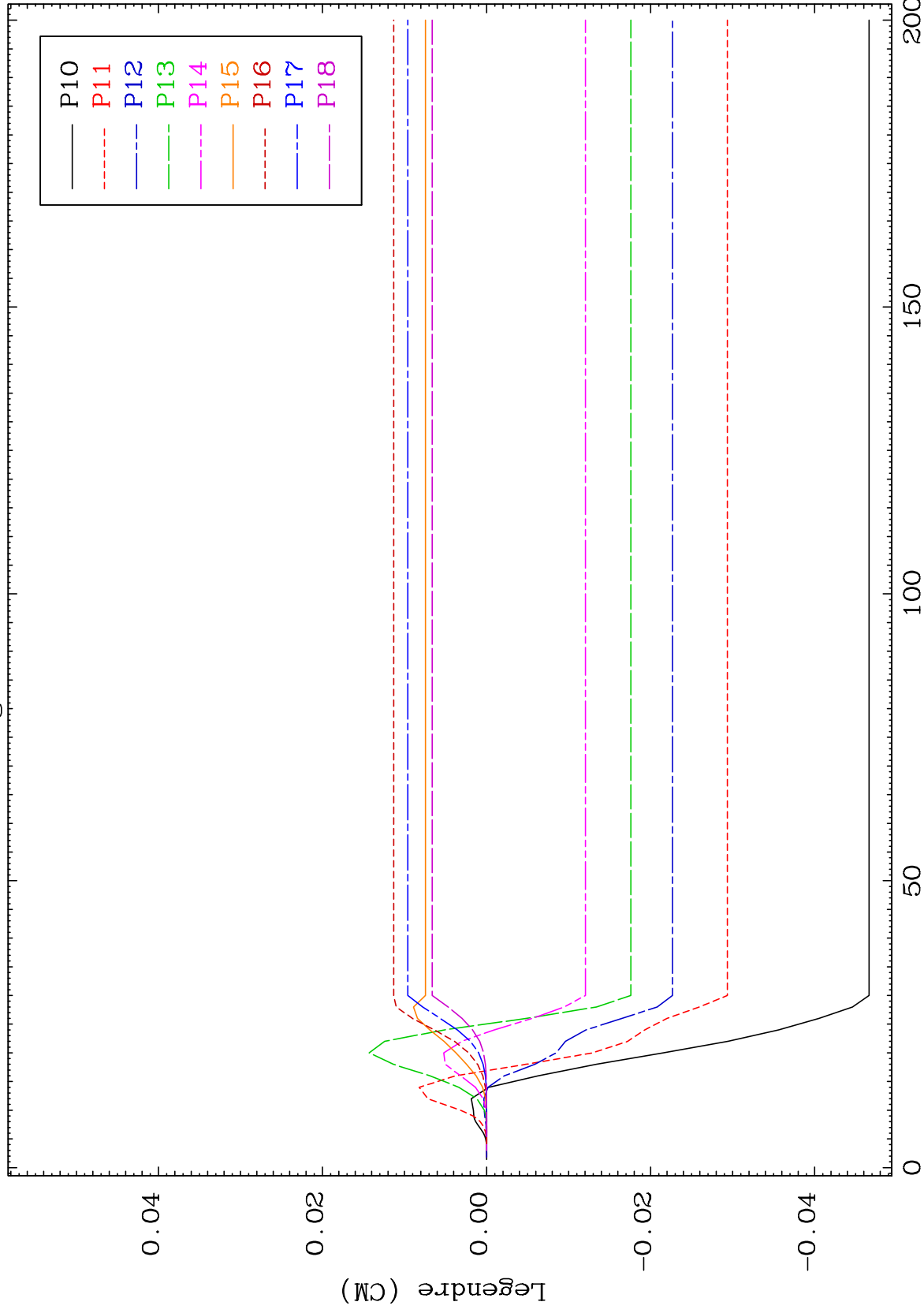
Incident Energy (MeV)

46-Pd-92

MAT 4595

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

46-Pd-92



19

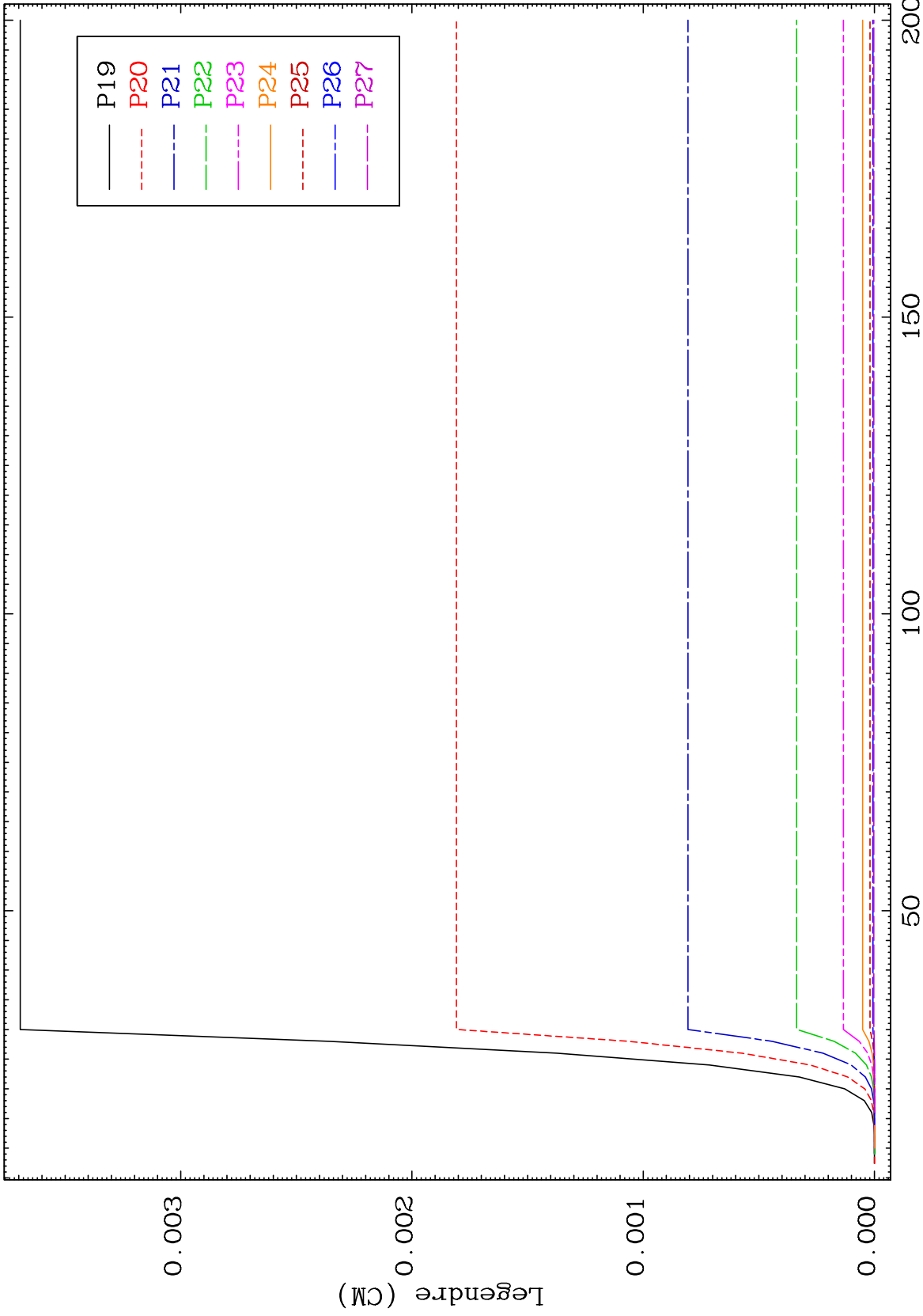
Incident Energy (MeV)

46-Pd-92

MAT 4595

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

46-Pd-92



20

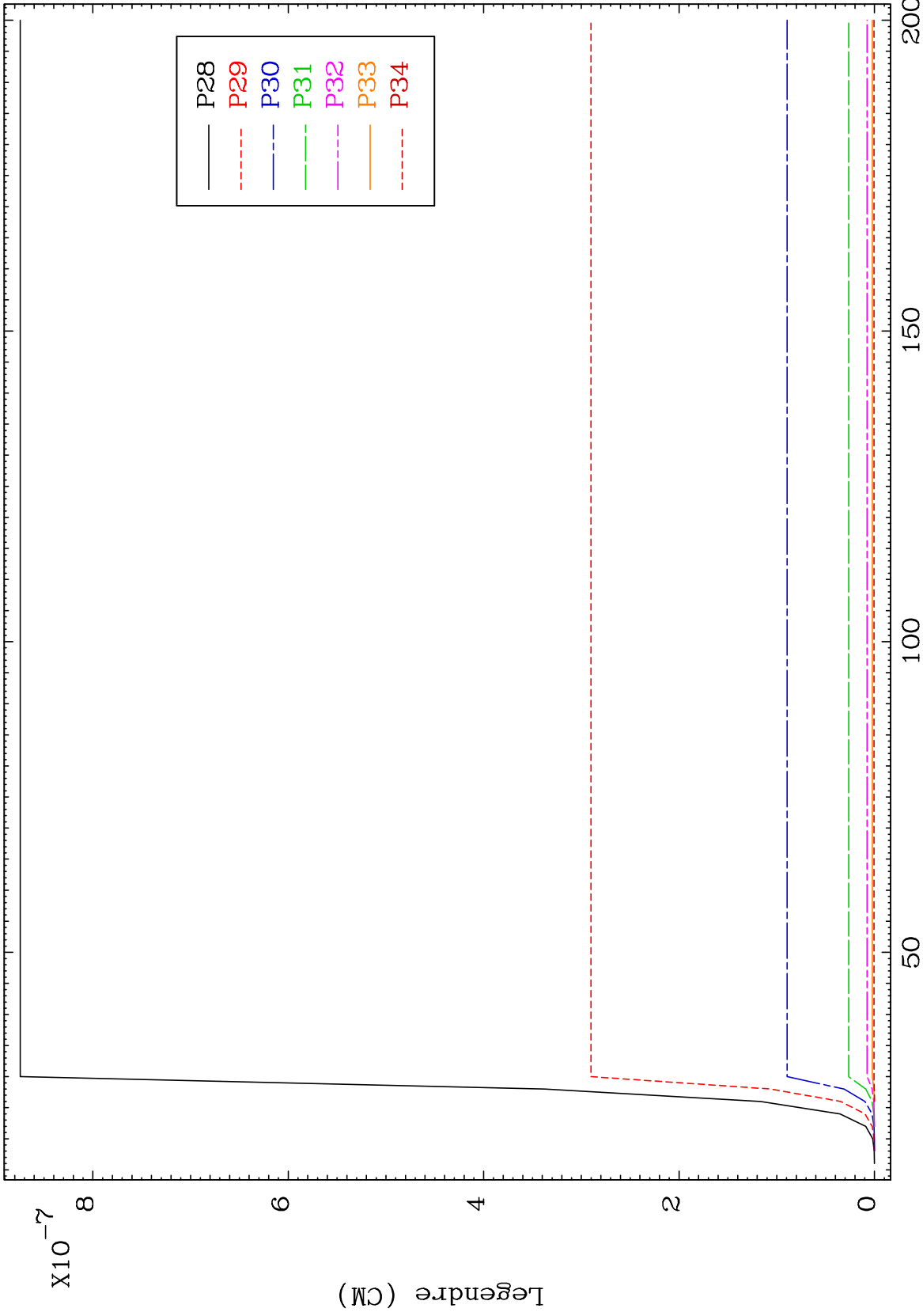
Incident Energy (MeV)

46-Pd-92

MAT 4595

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

46-Pd-92



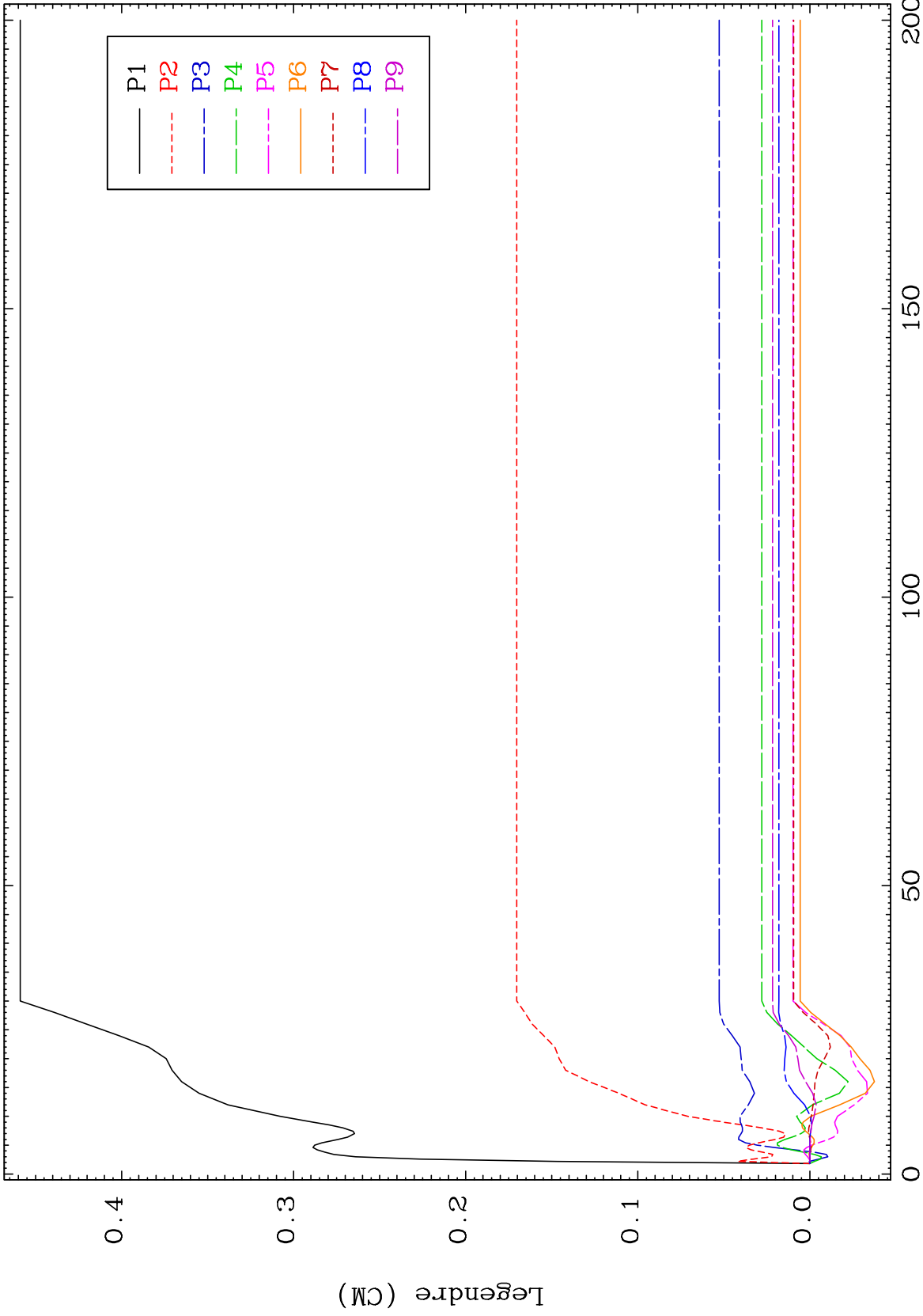
21

46-Pd-92

MAT 4595

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

46-Pd-92



22

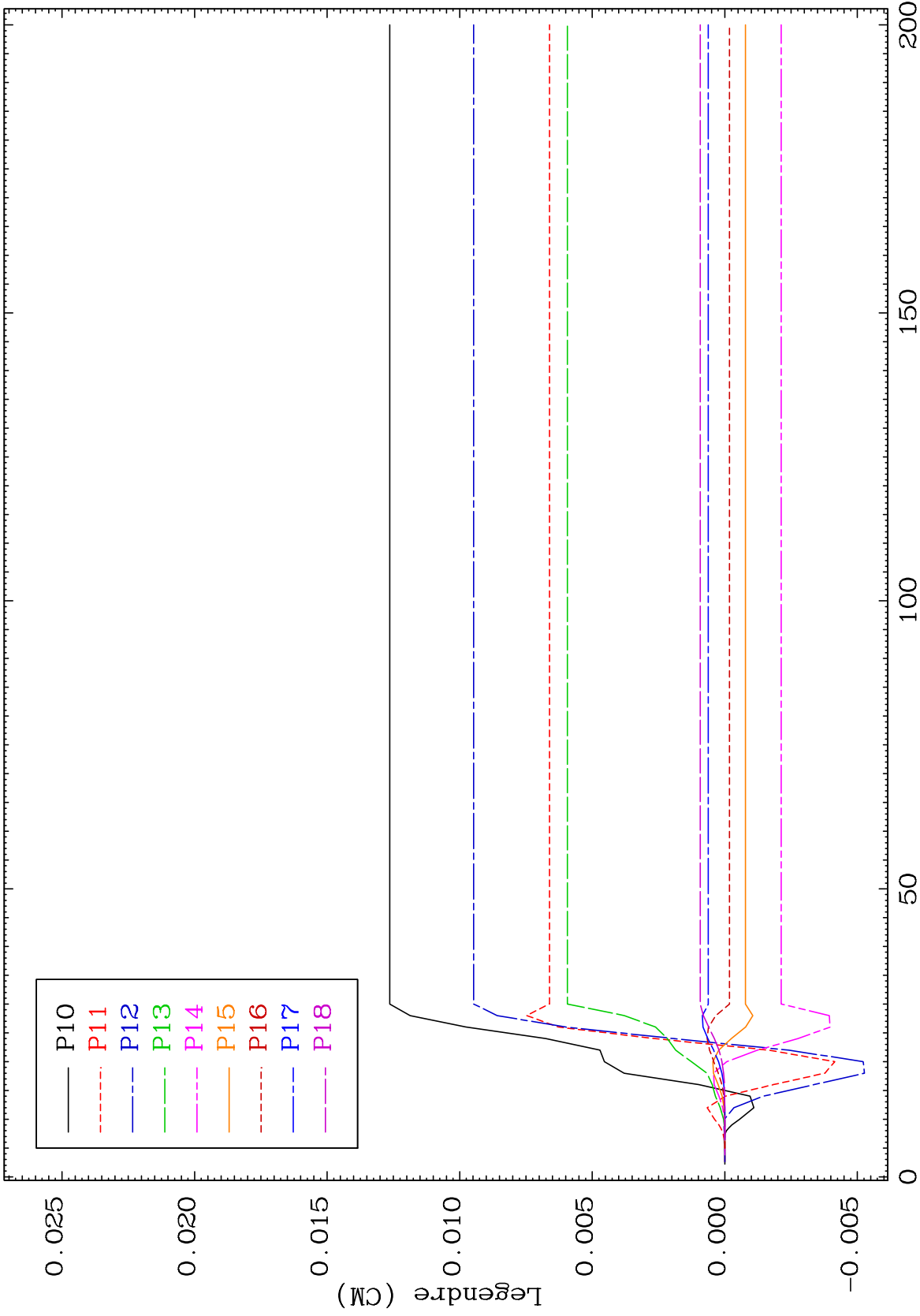
Incident Energy (MeV)

46-Pd-92

MAT 4595

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

46-Pd-92



23

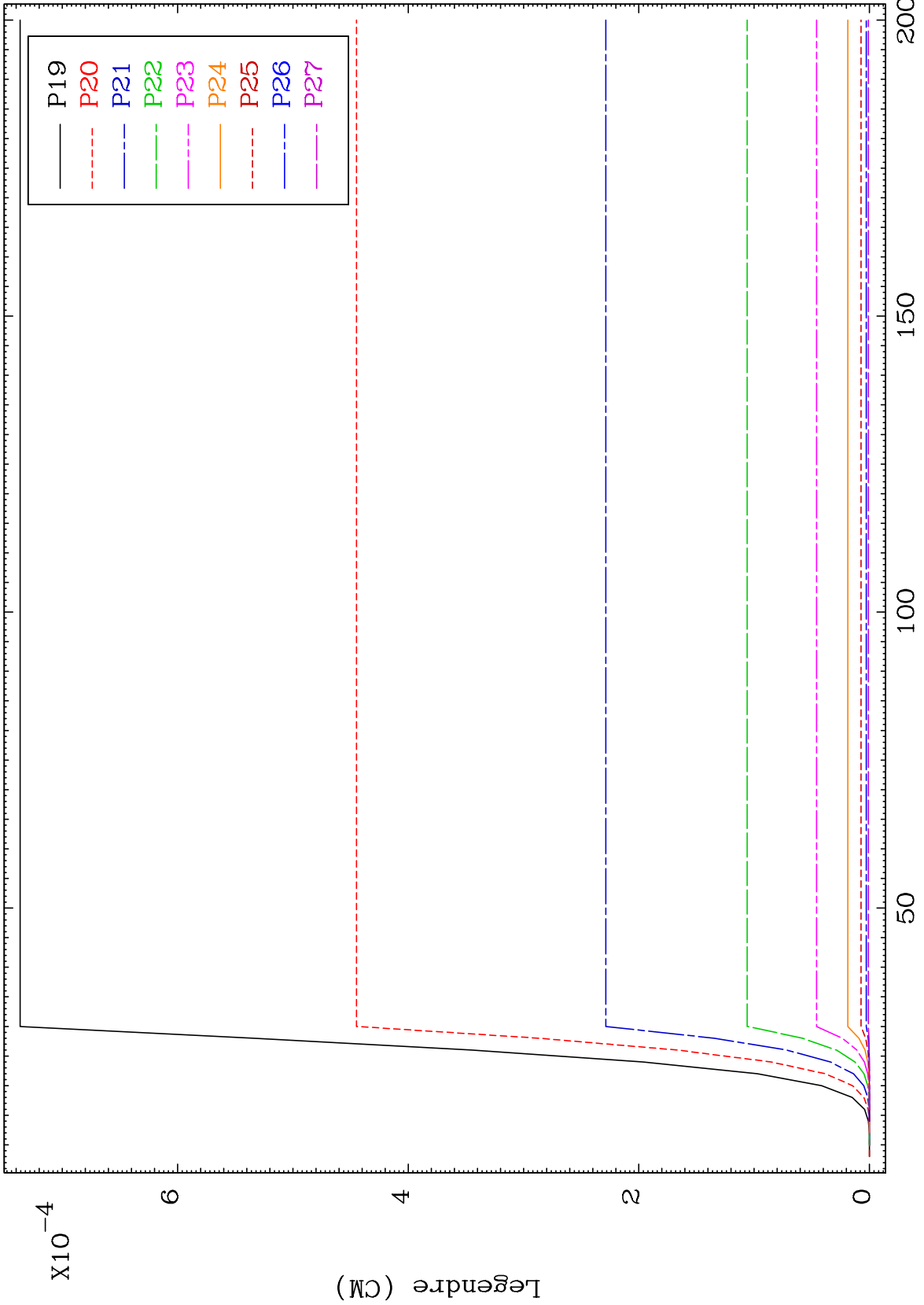
Incident Energy (MeV)

46-Pd-92

MAT 4595

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

46-Pd-92



24

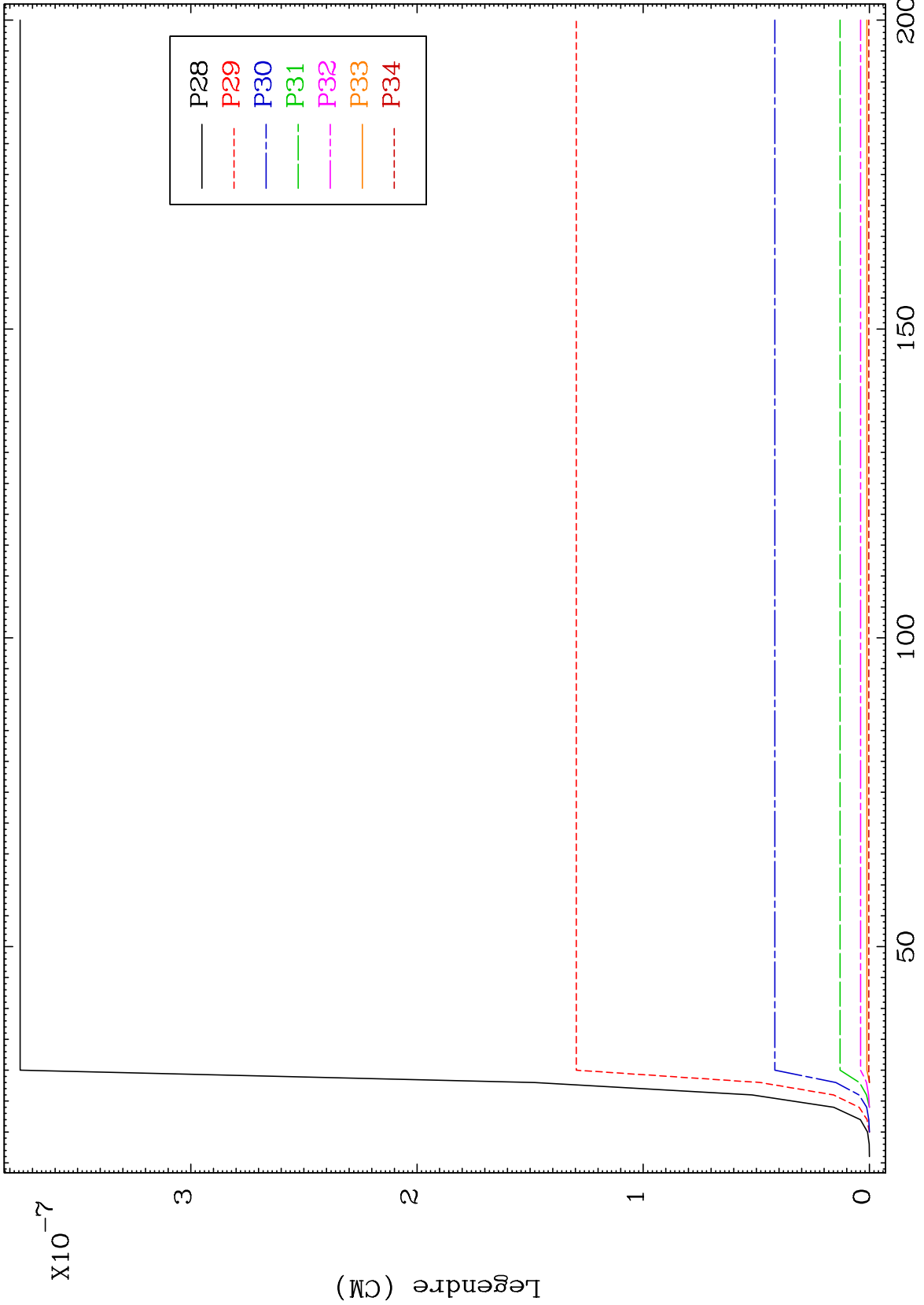
Incident Energy (MeV)

46-Pd-92

MAT 4595

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

46-Pd-92



25

Incident Energy (MeV)

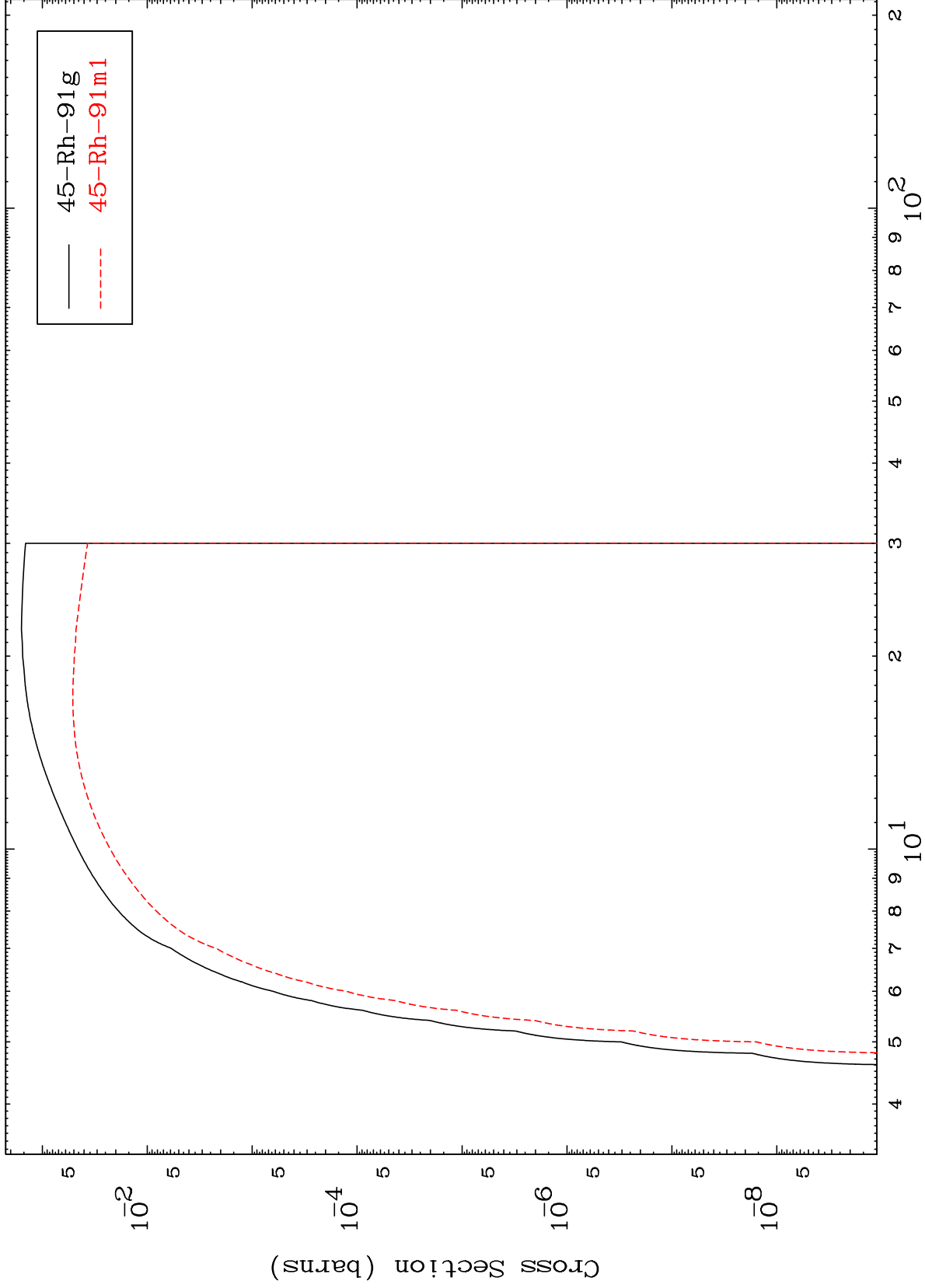
46-Pd-92

MAT 4595

(n,n') p

46-Pd-92

Radionuclide Production Cross Section



26

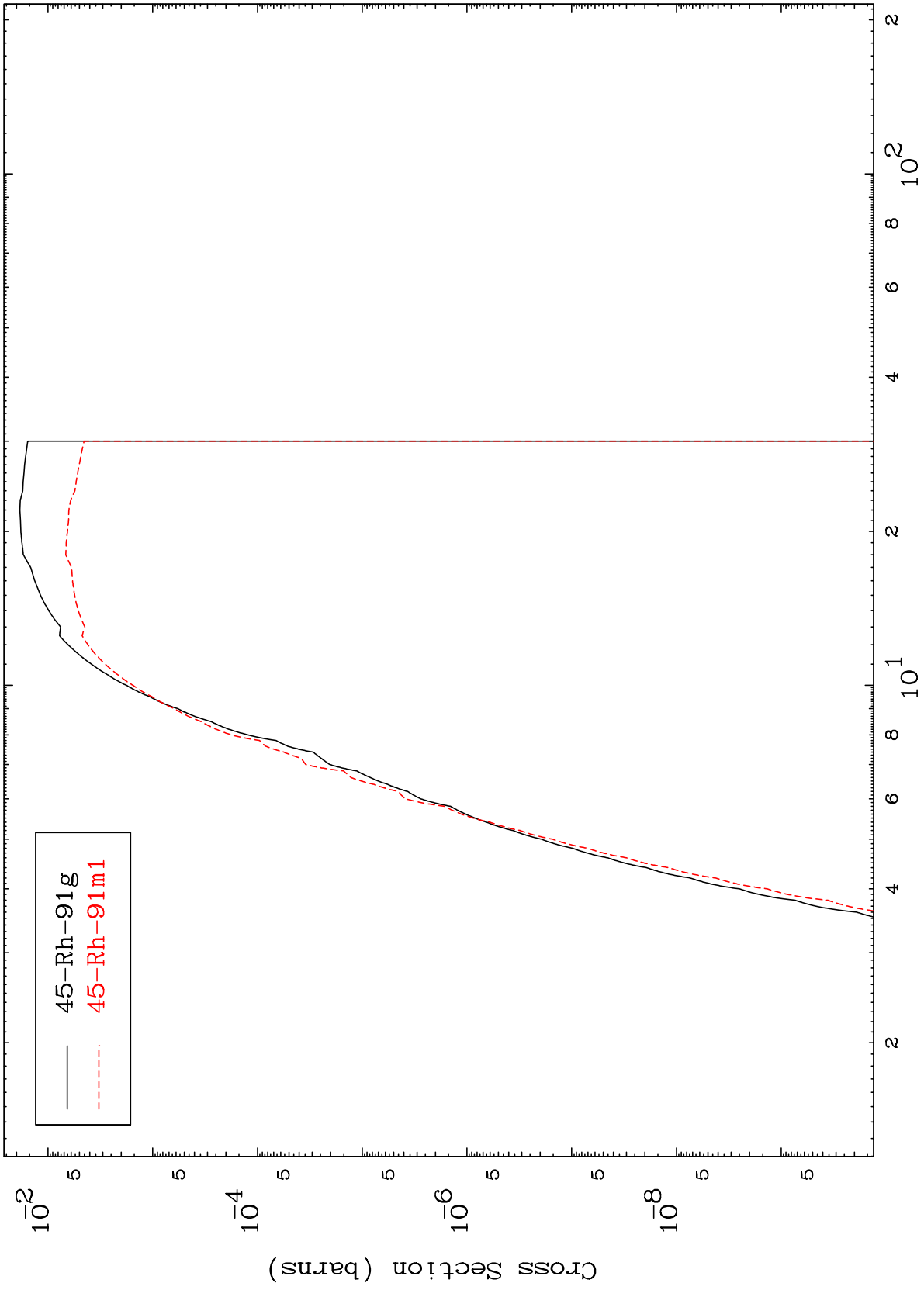
Incident Energy (MeV)

46-Pd-92

MAT 4595

(n,d)
Radionuclide Production Cross Section

46-Pd-92



27

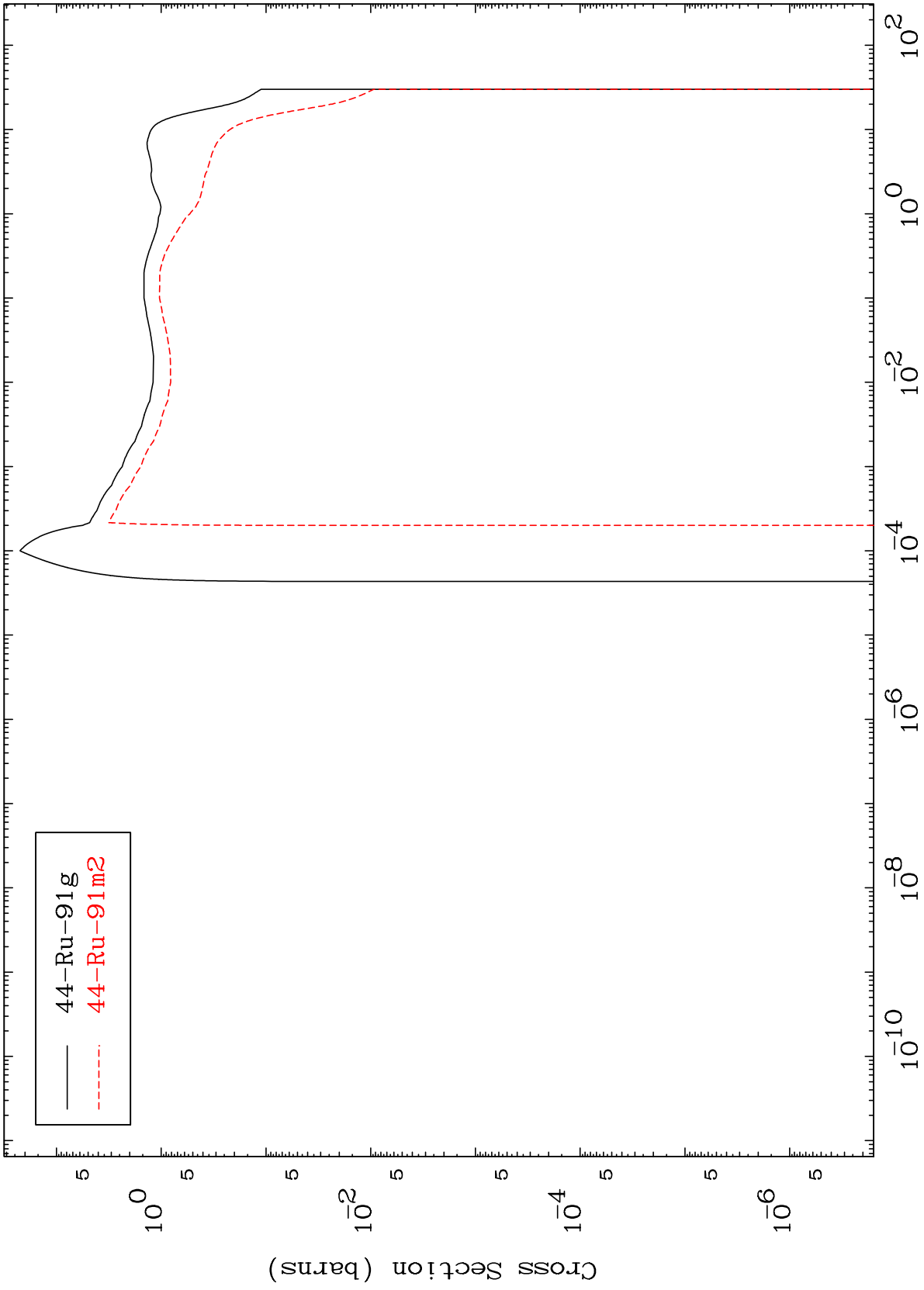
Incident Energy (MeV)

46-Pd-92

MAT 4595

46-Pd-92

Radionuclide Production Cross Section (n,2p)



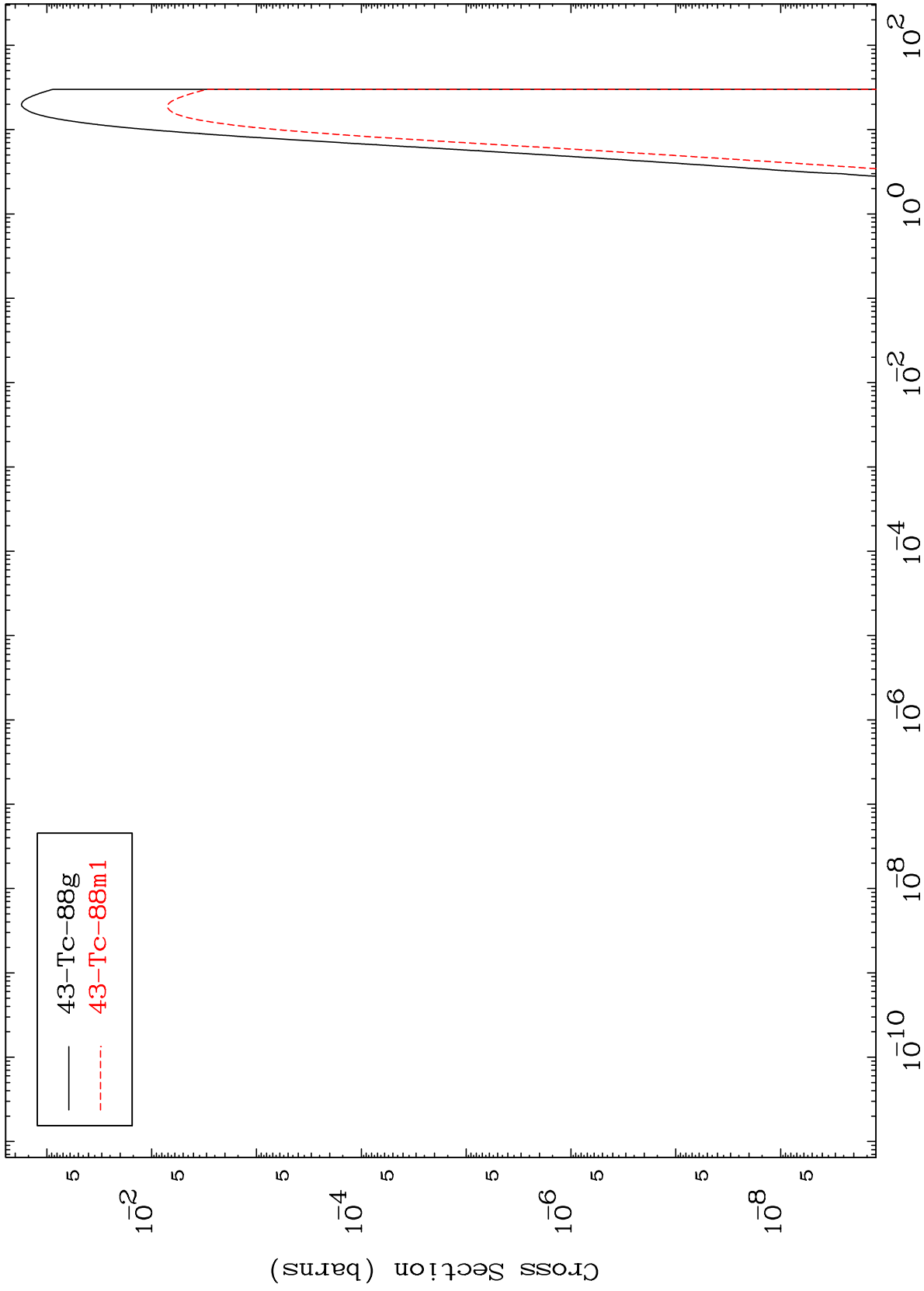
44-Ru-91g
44-Ru-91m2

MAT 4595

(n,p) α

46-Pd-92

Radionuclide Production Cross Section



29

Incident Energy (MeV)

46-Pd-92