

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

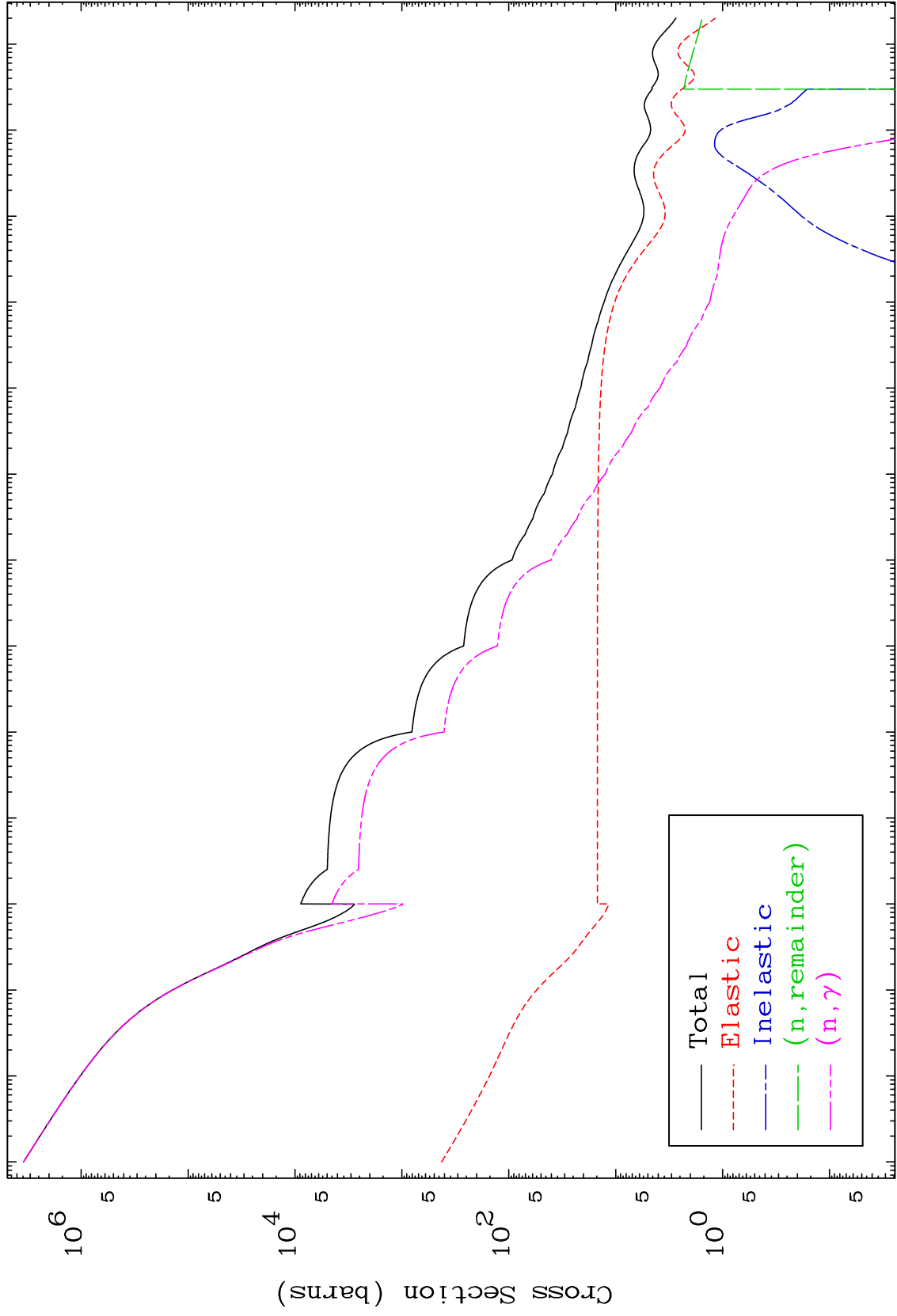
Press Mouse Button to Start

MAT 7874

Major

293 Kelvin Cross Sections

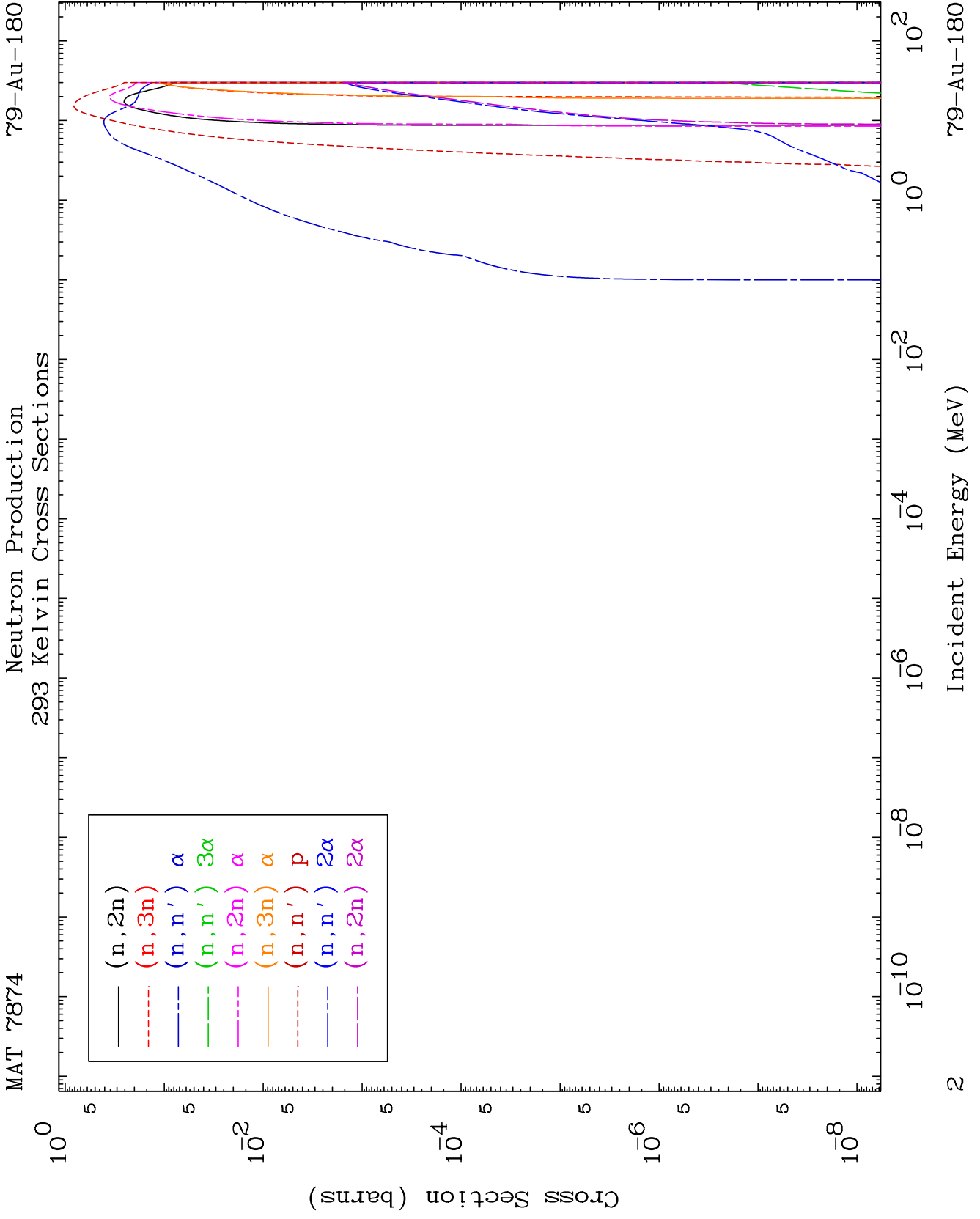
79-Au-180

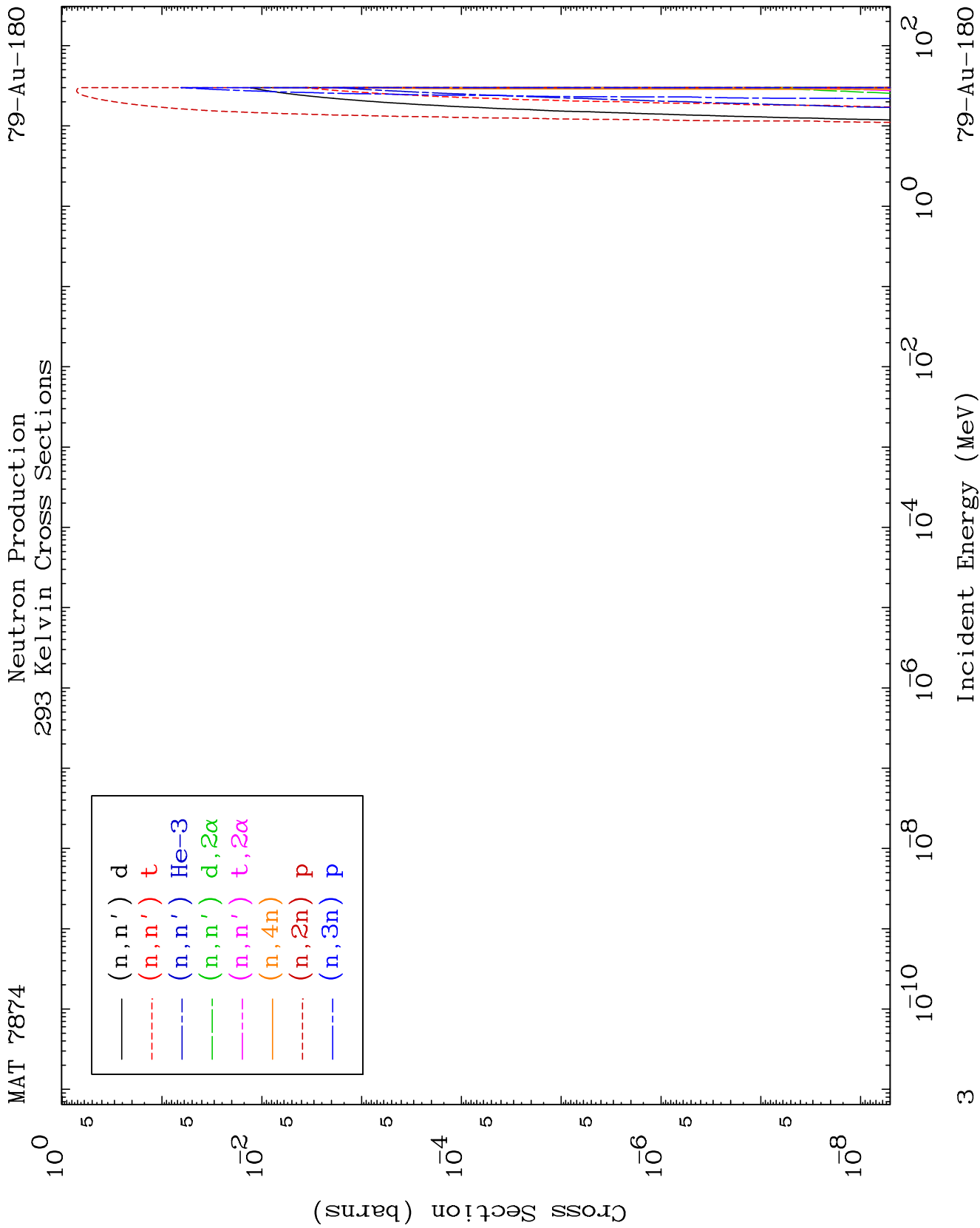


1

Incident Energy (MeV)

79-Au-180



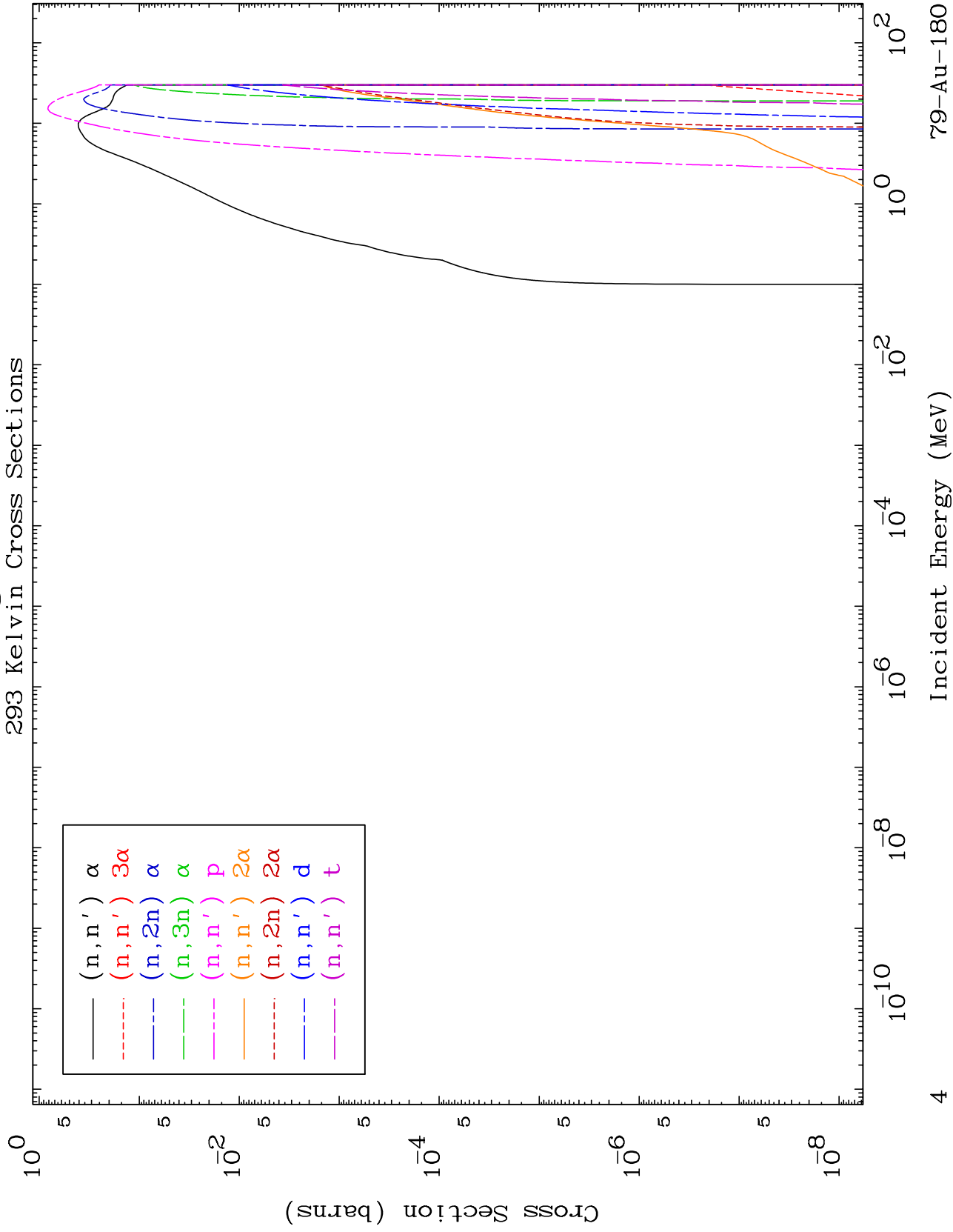


MAT 7874

MAT 7874

Charged Particle
293 Kelvin Cross Sections

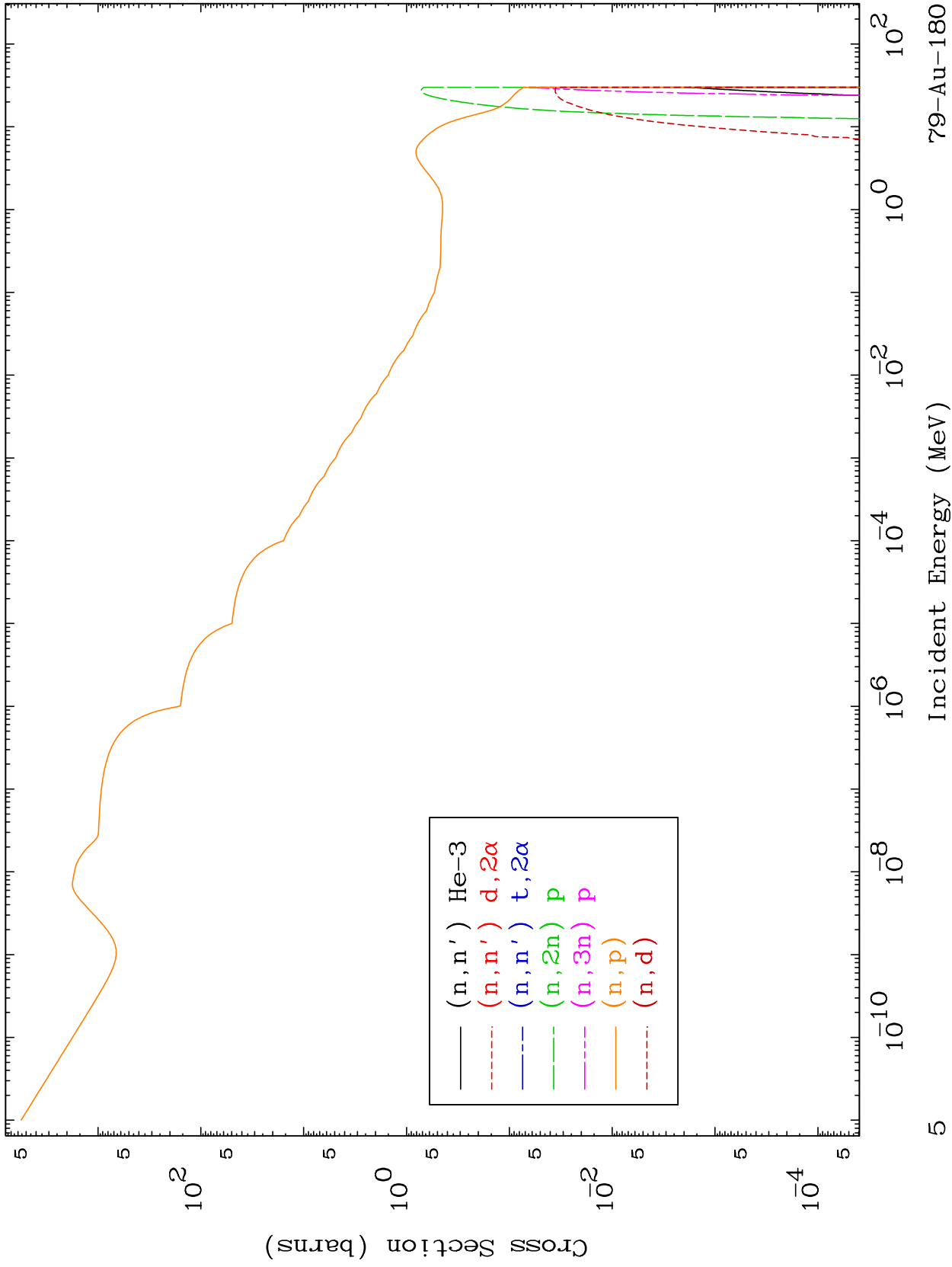
79-Au-180



MAT 7874

Charged Particle
293 Kelvin Cross Sections

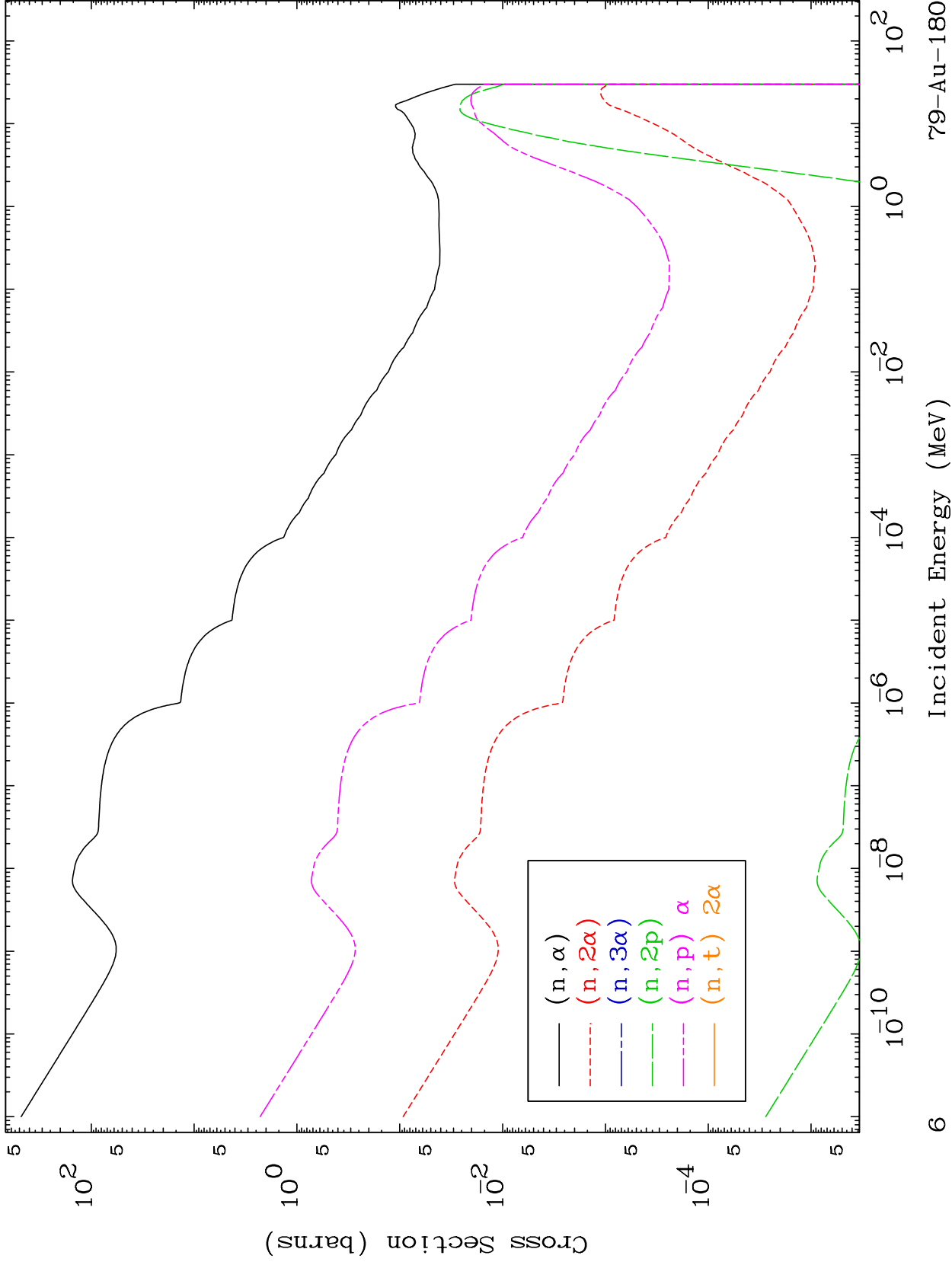
79-Au-180



MAT 7874

Charged Particle
293 Kelvin Cross Sections

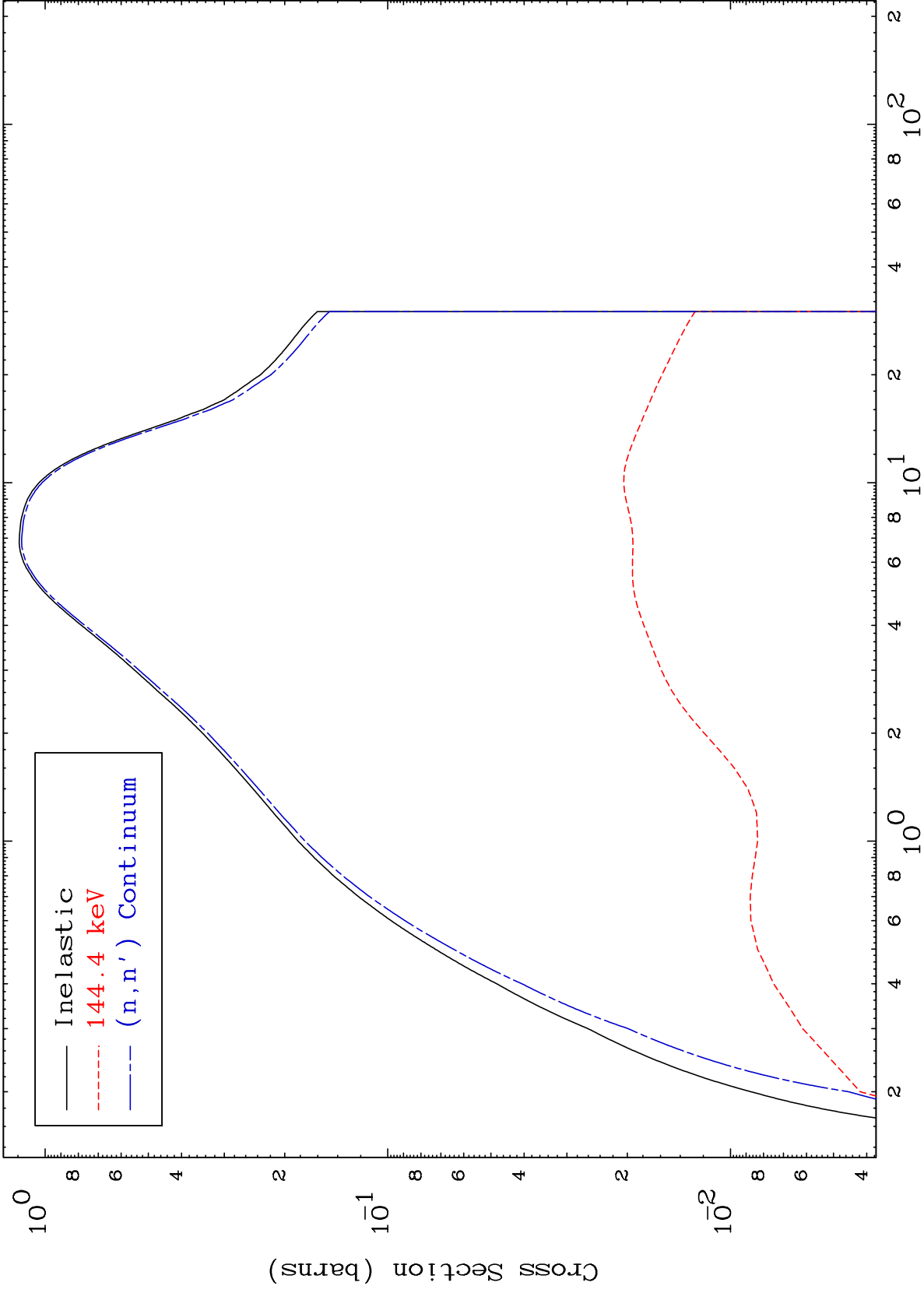
79-Au-180



MAT 7874

293 Kelvin Cross Sections
(n,n') Level

79-Au-180



7

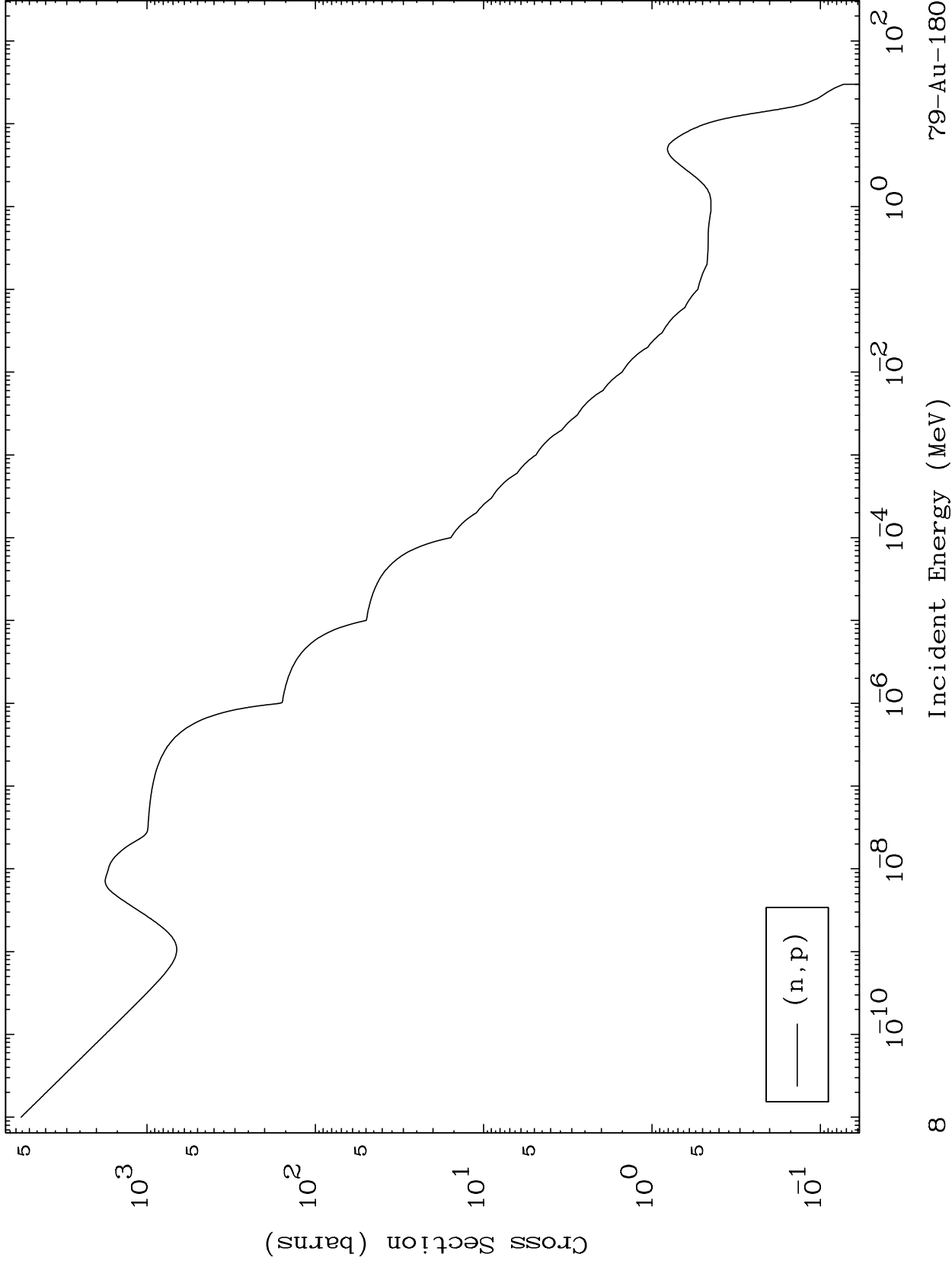
Incident Energy (MeV)

79-Au-180

MAT 7874

(n,p) Levels
293 Kelvin Cross Sections

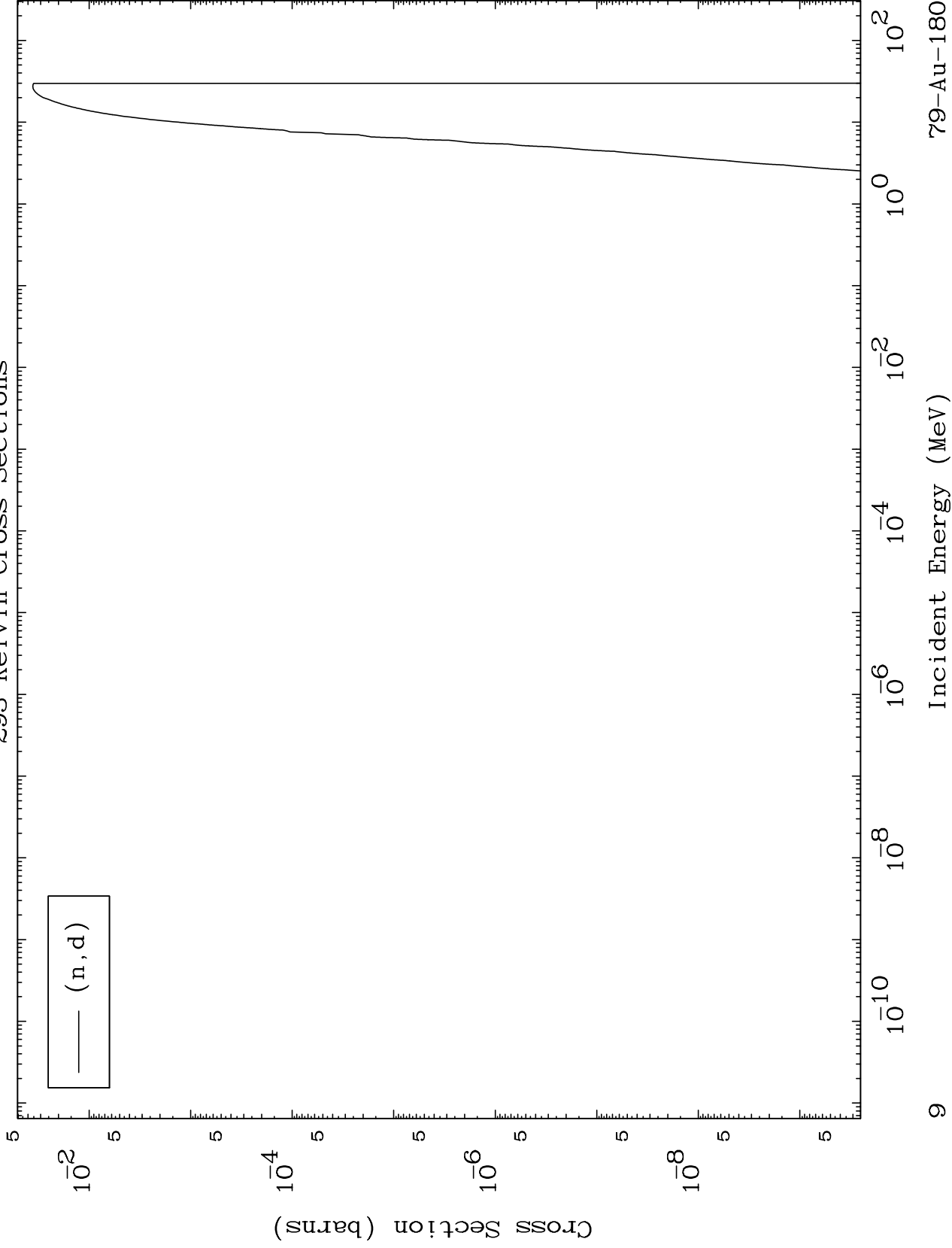
79-Au-180



MAT 7874

(n,d) Levels
293 Kelvin Cross Sections

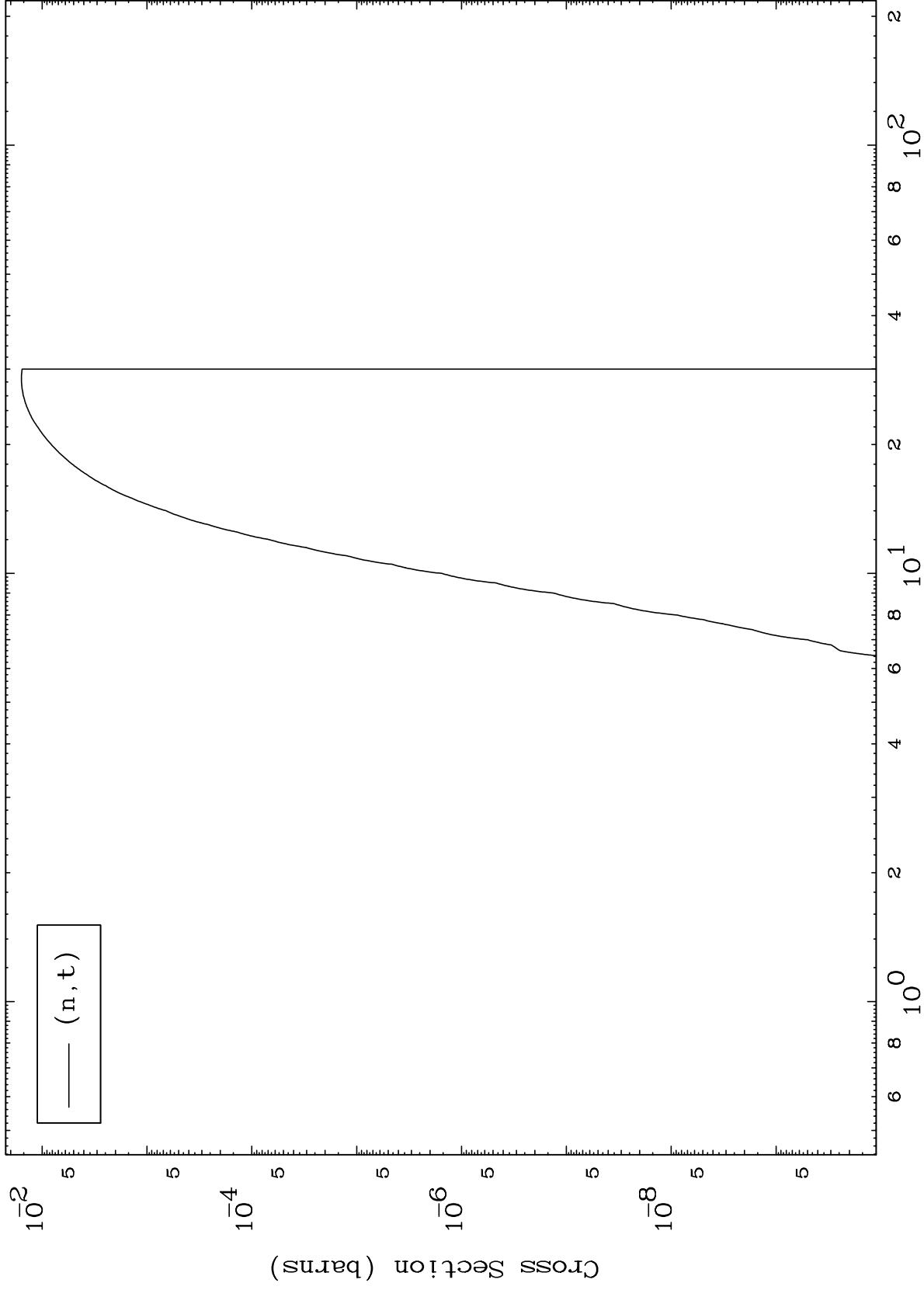
79-Au-180



MAT 7874

(n,t) Levels
293 Kelvin Cross Sections

79-Au-180



10

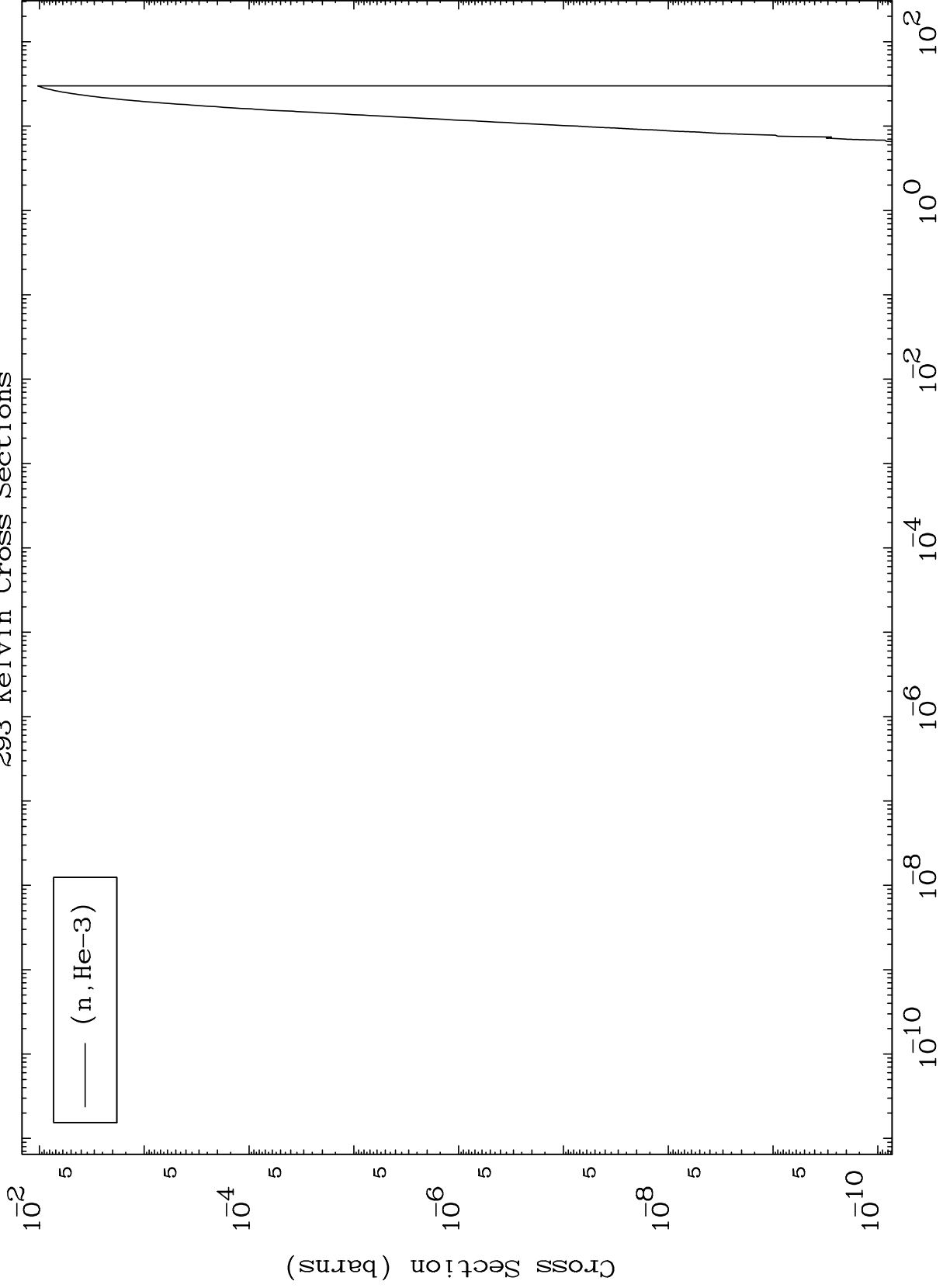
Incident Energy (MeV)

79-Au-180

MAT 7874

(n,He3) Levels
293 Kelvin Cross Sections

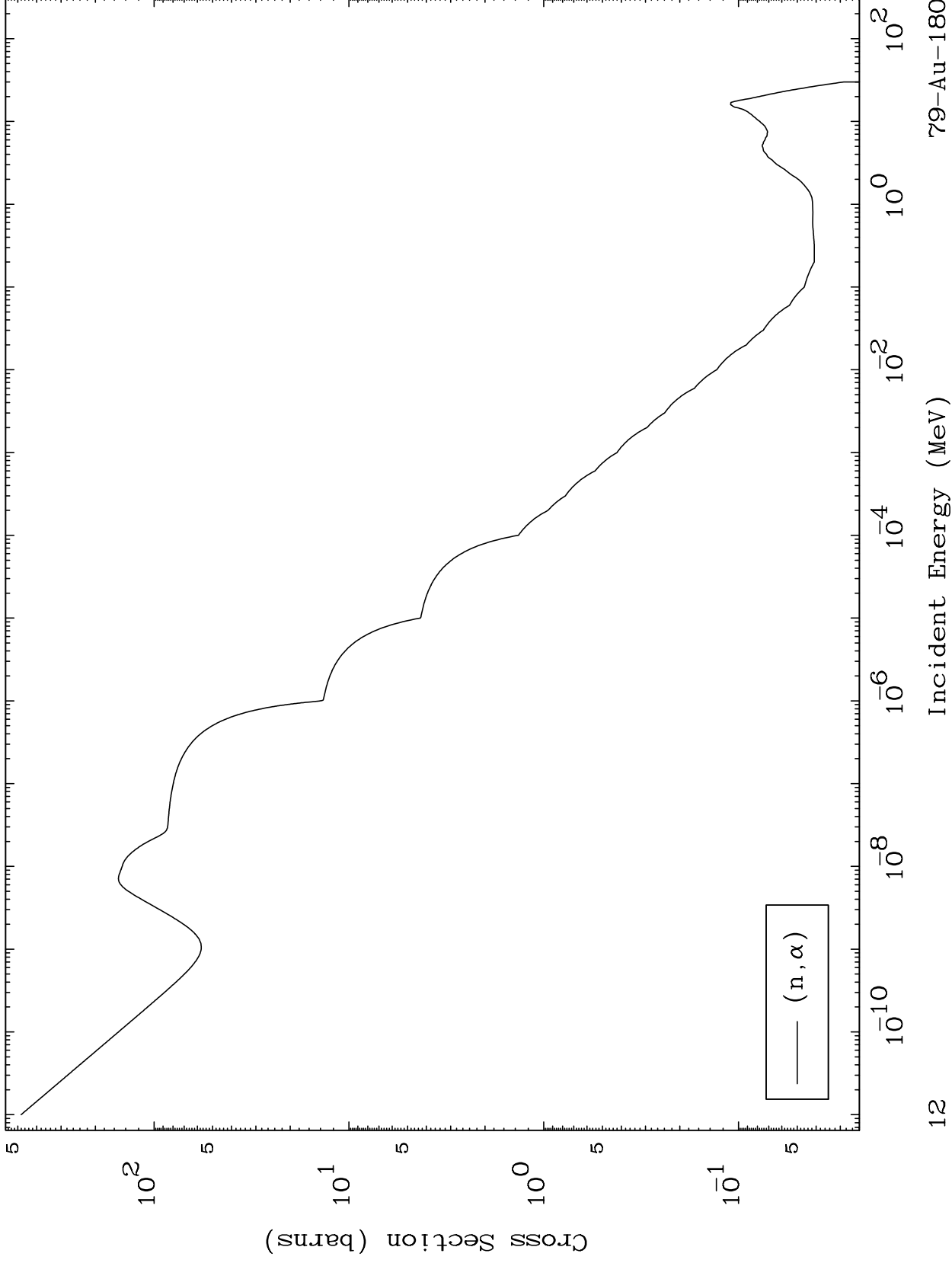
79-Au-180



MAT 7874

(n,α) Levels
293 Kelvin Cross Sections

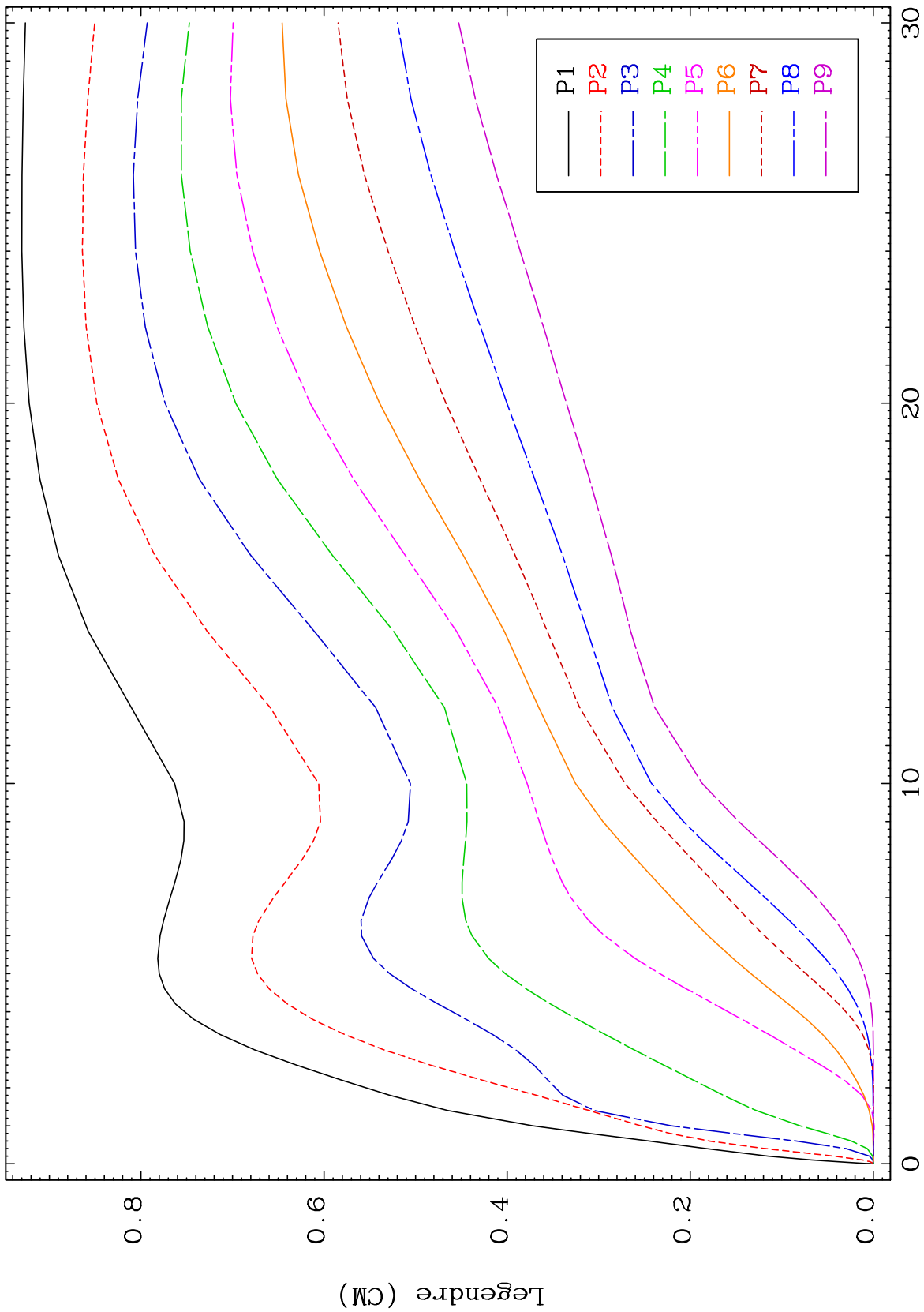
79-Au-180



MAT 7874

Elastic Legendre Coefficients

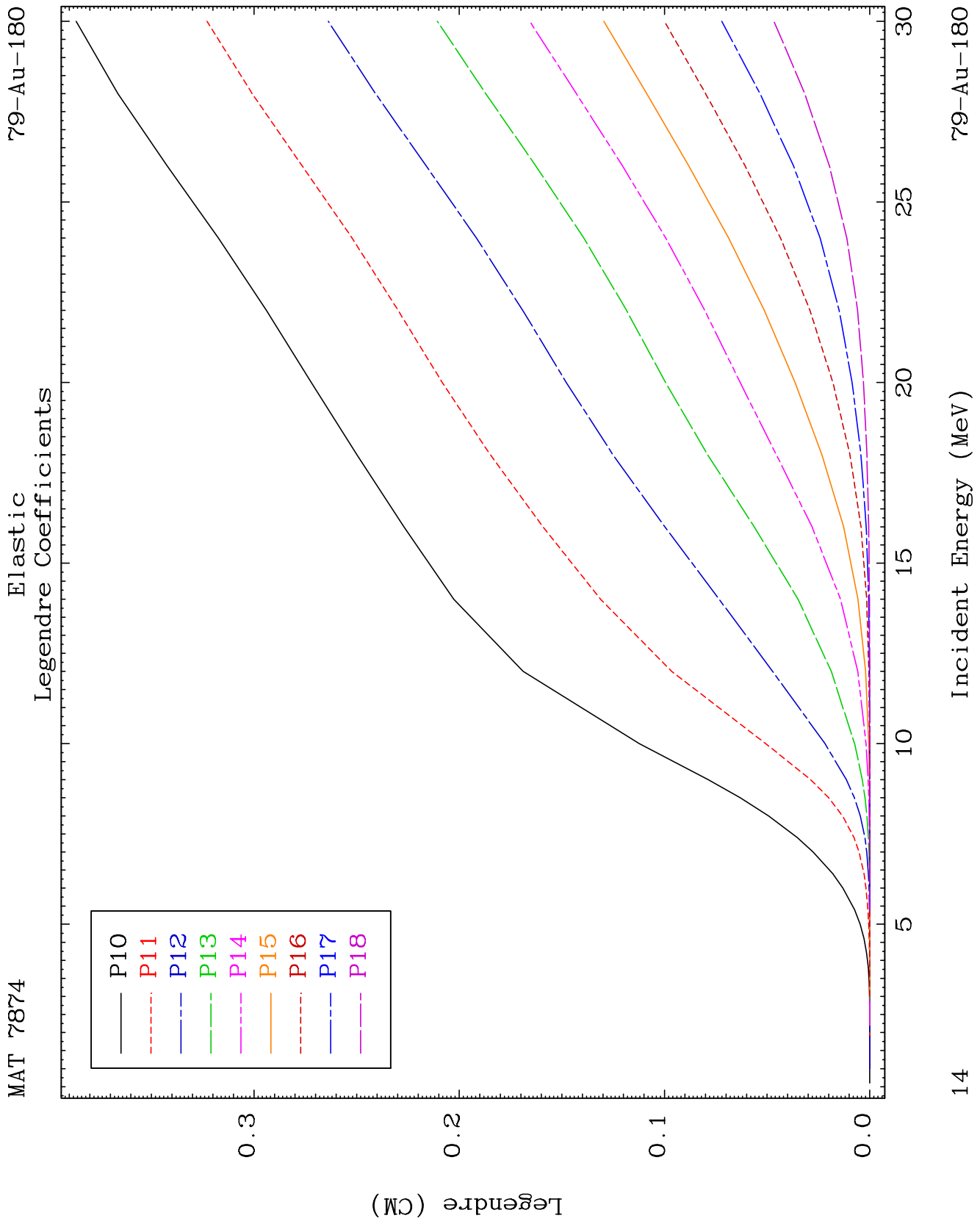
79-Au-180



13

Incident Energy (MeV)

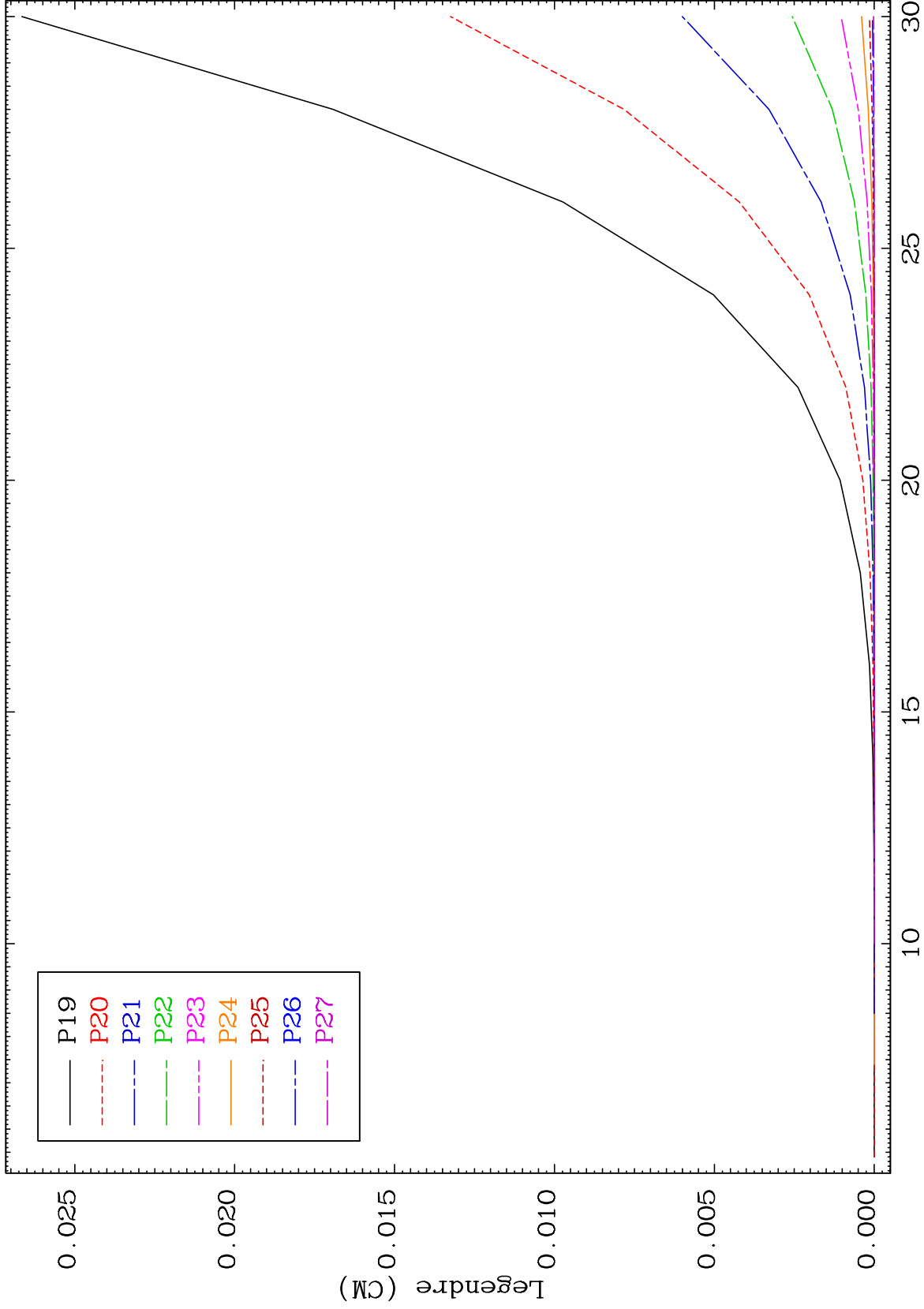
79-Au-180



MAT 7874

Elastic Legendre Coefficients

79-Au-180



15

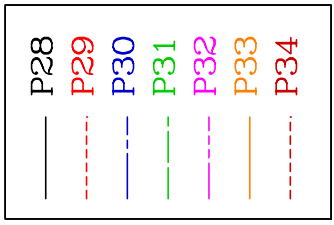
Incident Energy (MeV)

79-Au-180

MAT 7874

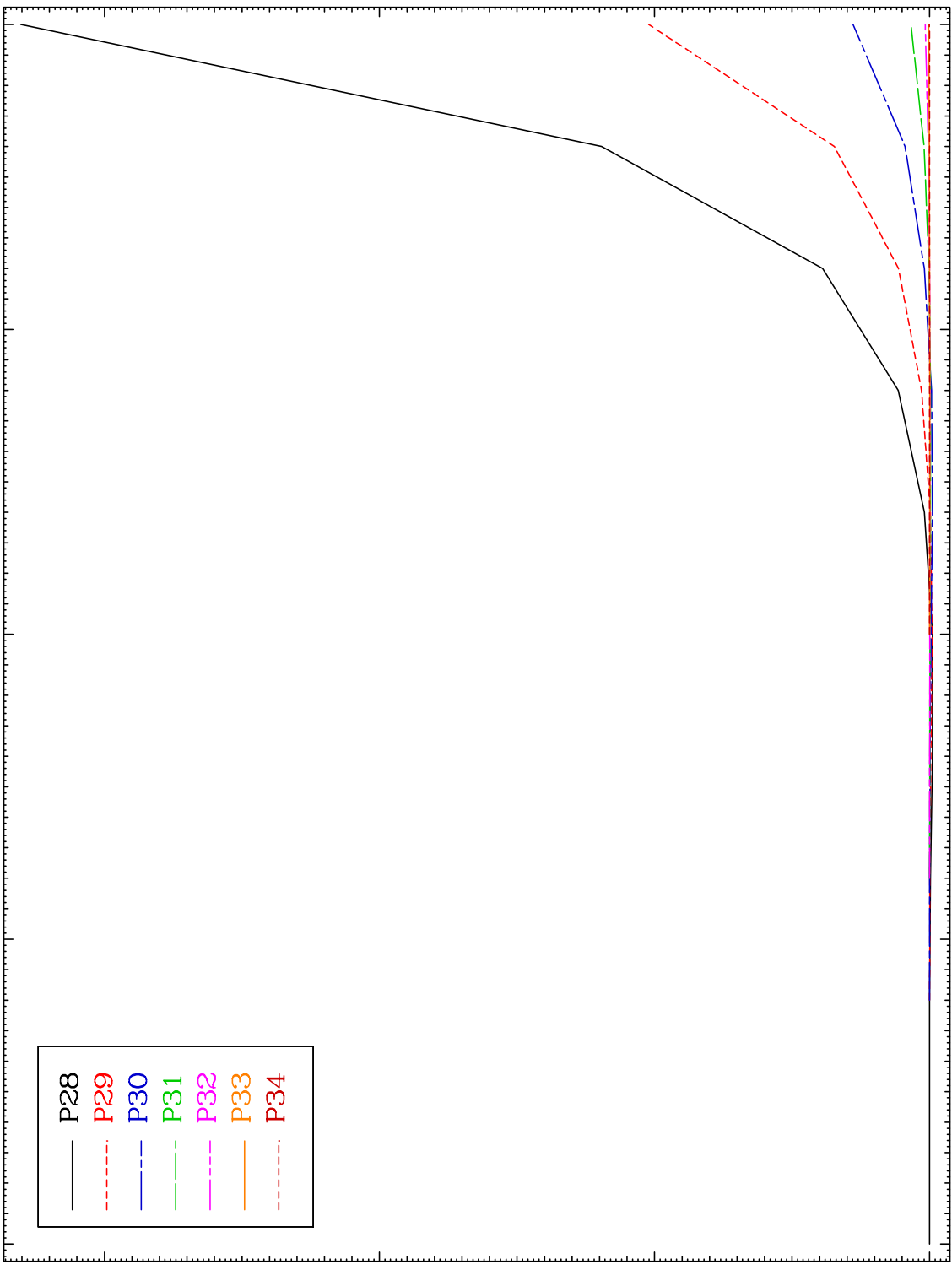
Elastic
Legendre Coefficients

79-Au-180



$\times 10^{-6}$

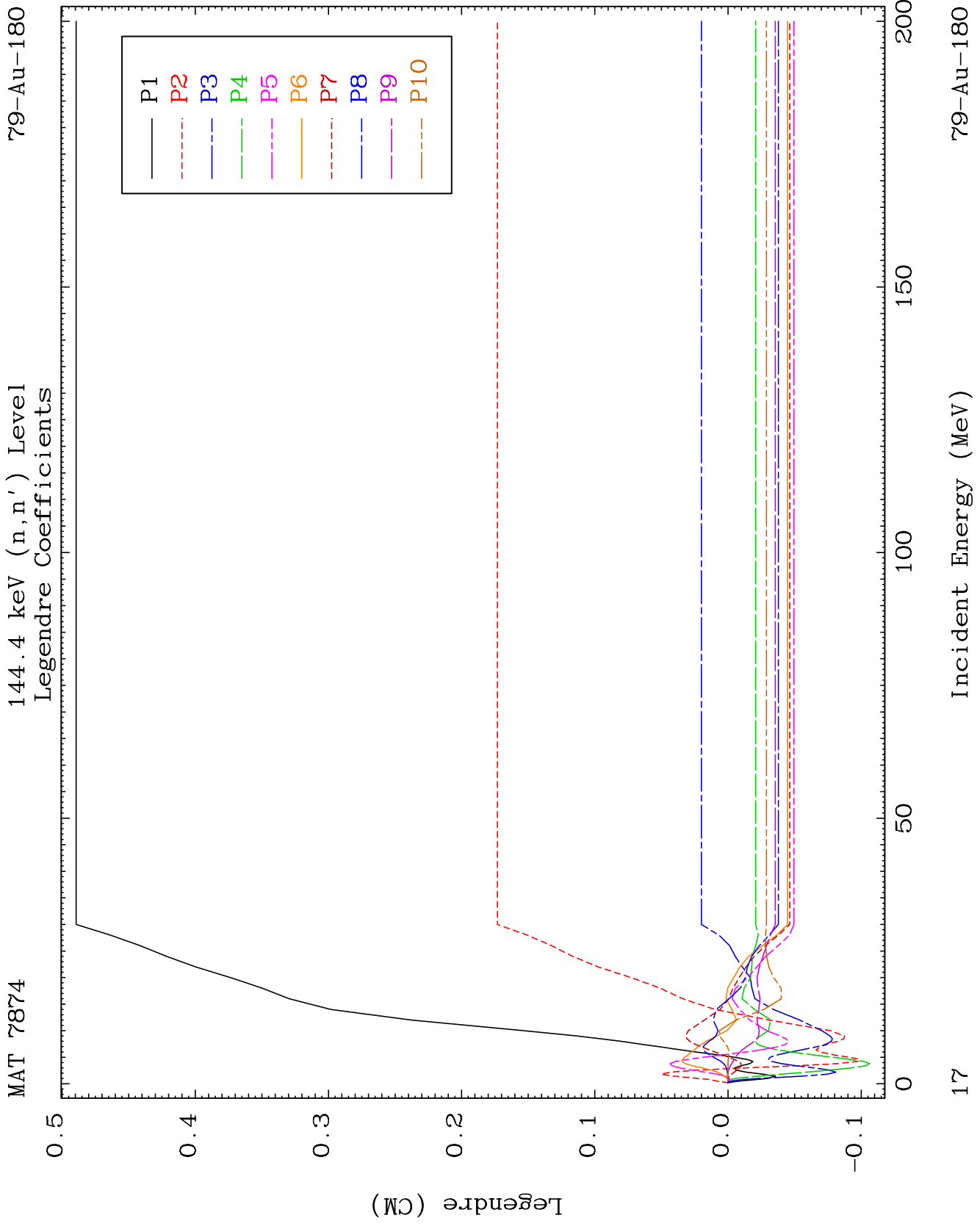
Legendre (CM)



16

Incident Energy (MeV)

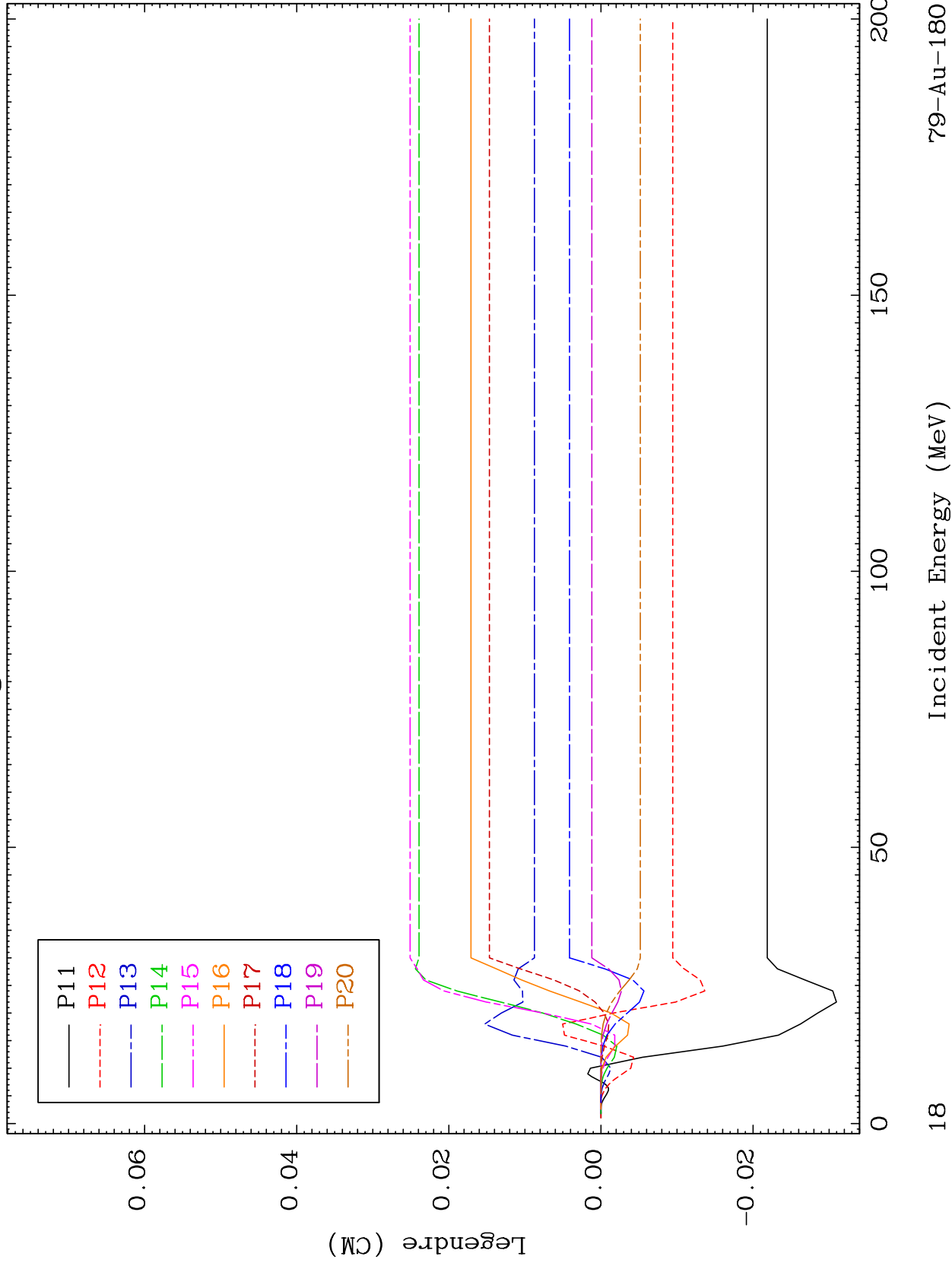
79-Au-180



MAT 7874

144.4 keV (n,n') Level
Legendre Coefficients

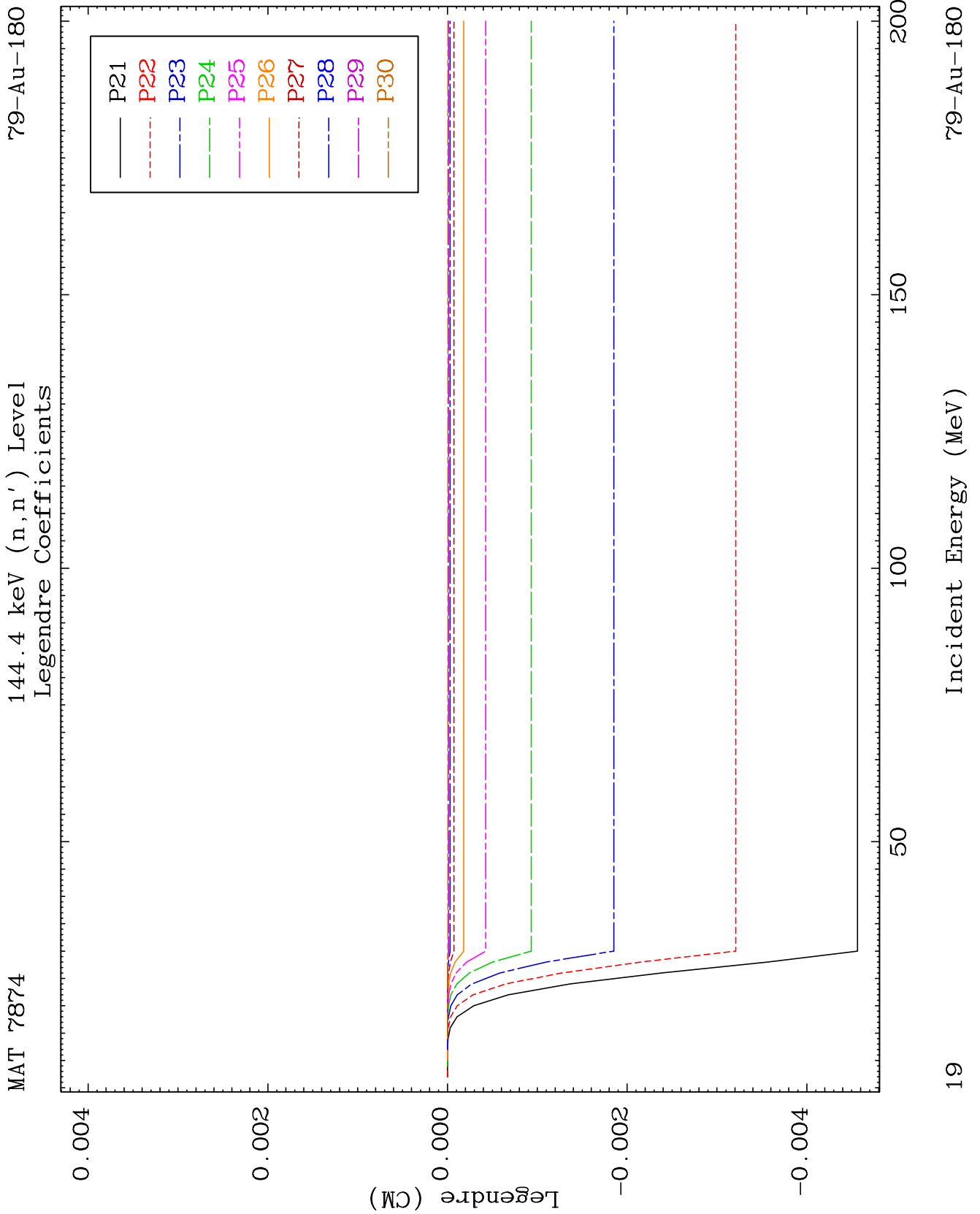
79-Au-180

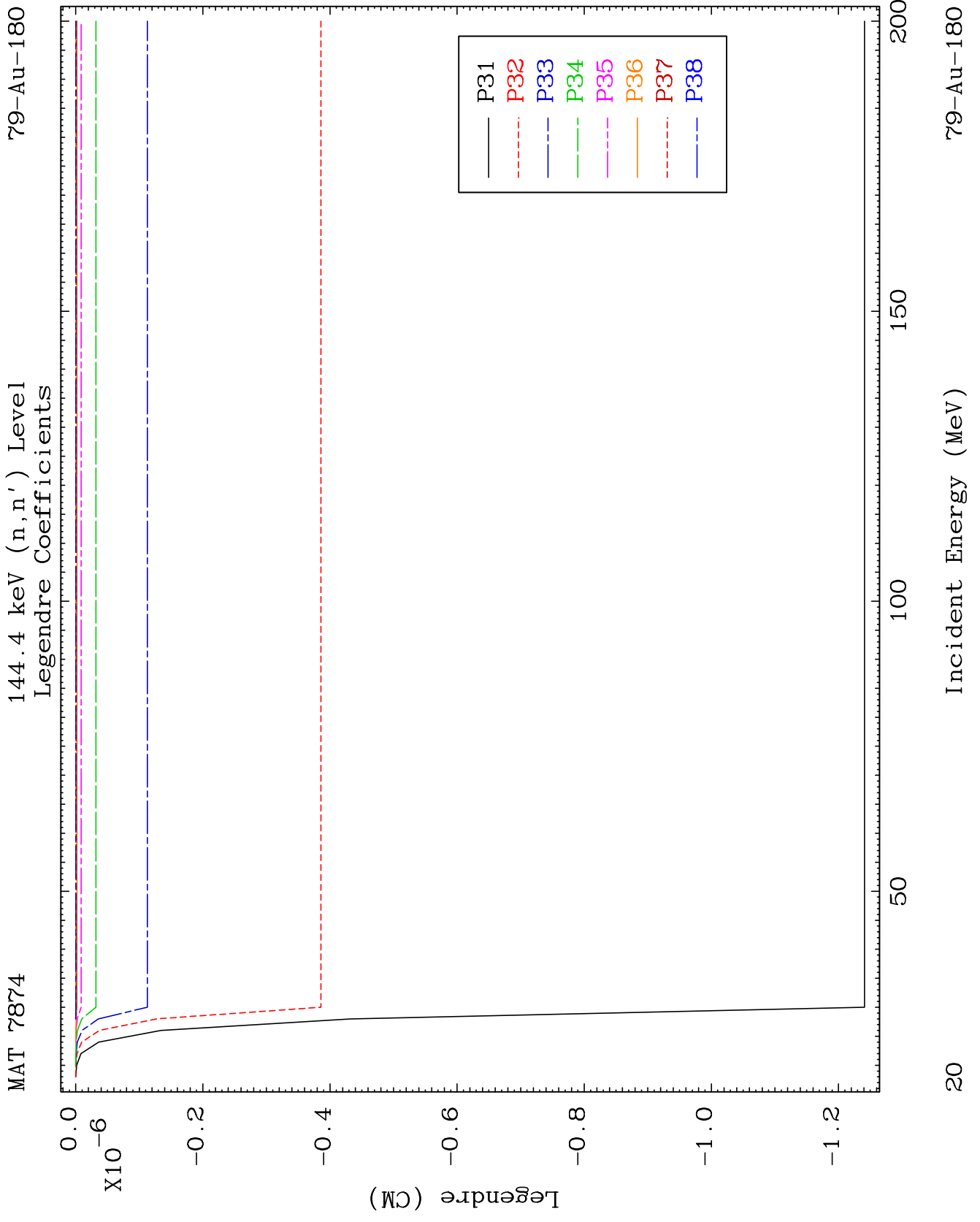


79-Au-180

Incident Energy (MeV)

18



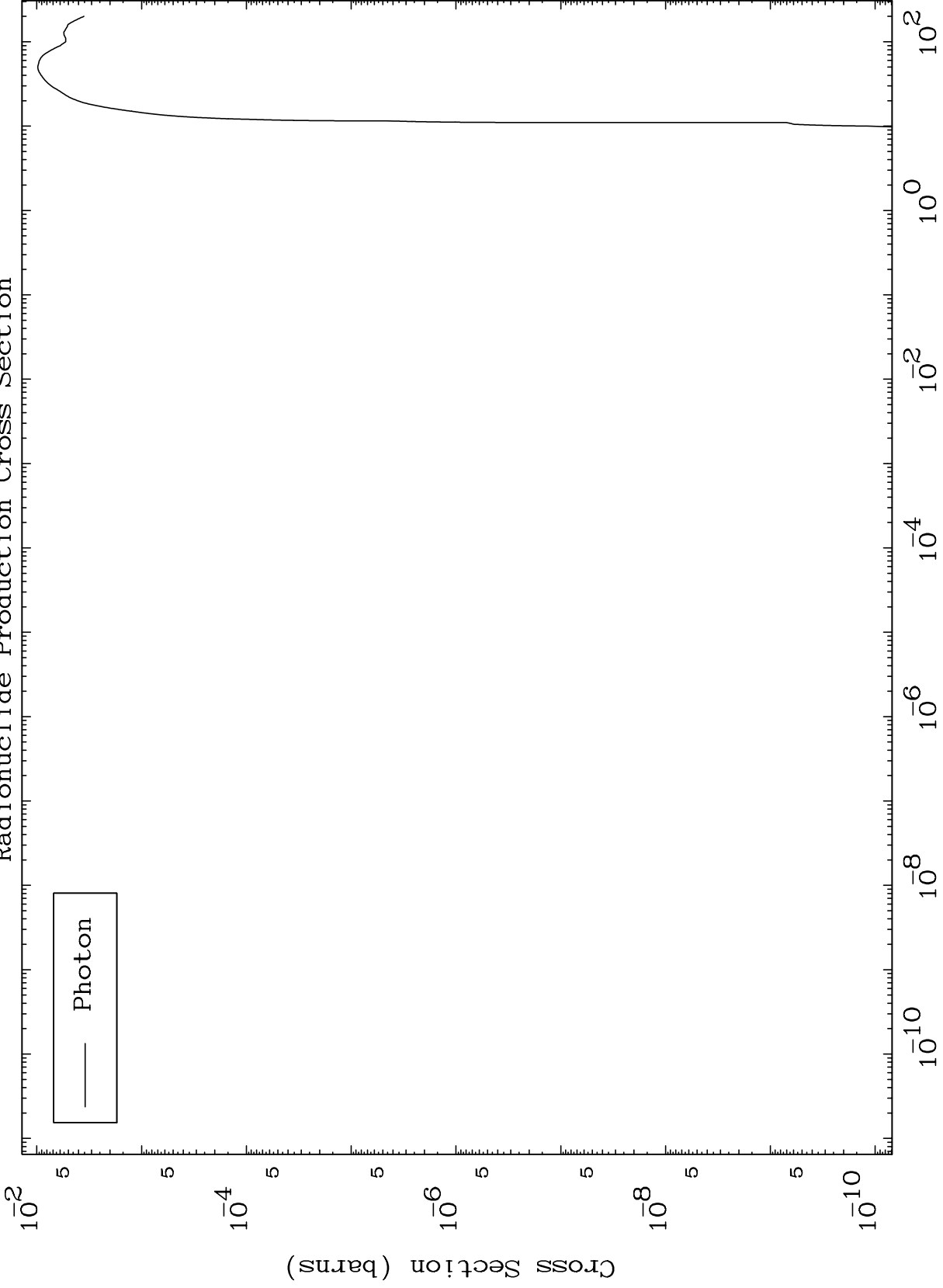


MAT 7874

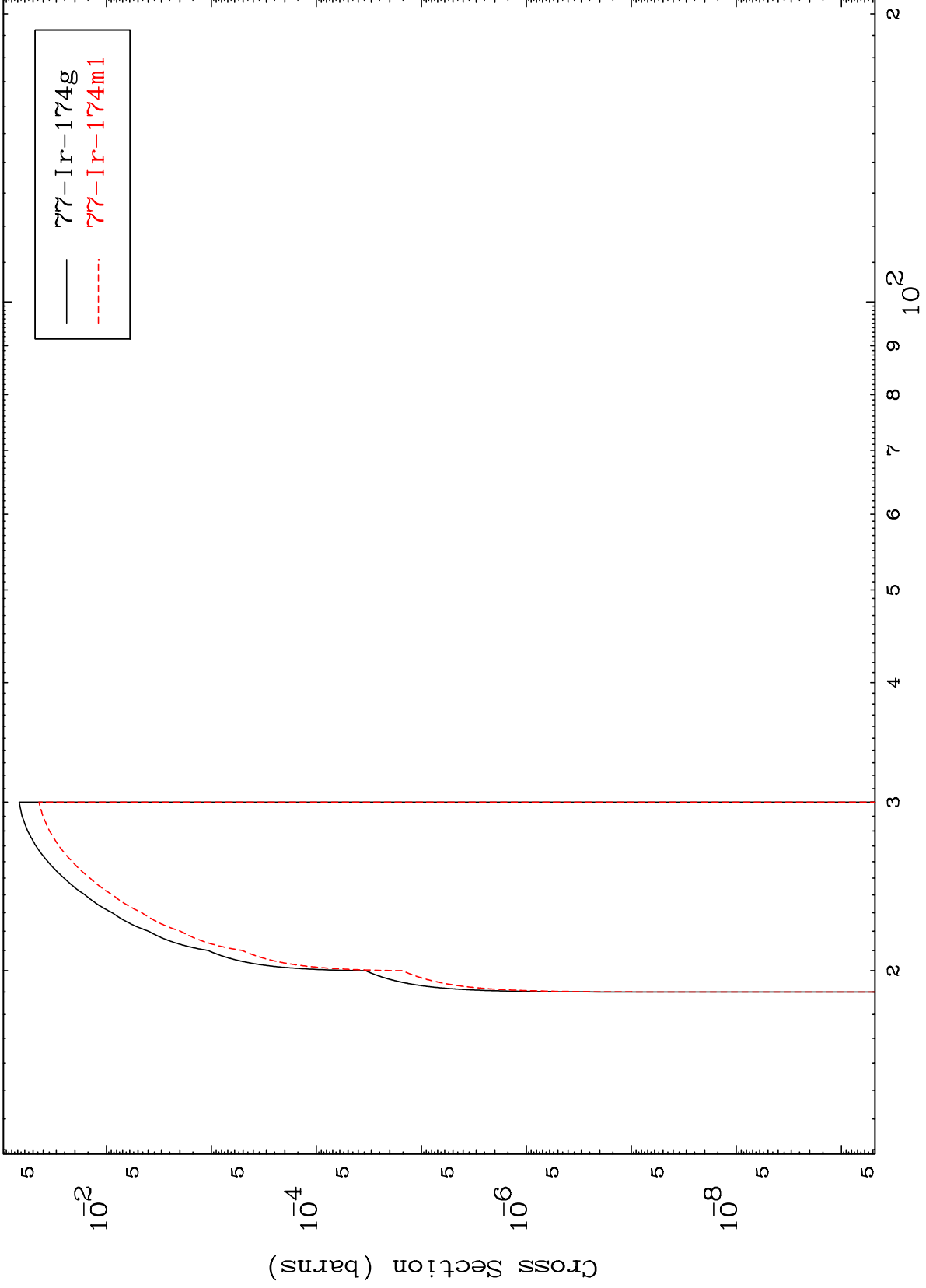
Fission

⁷⁹Au-180

Radionuclide Production Cross Section



Radionuclide Production Cross Section

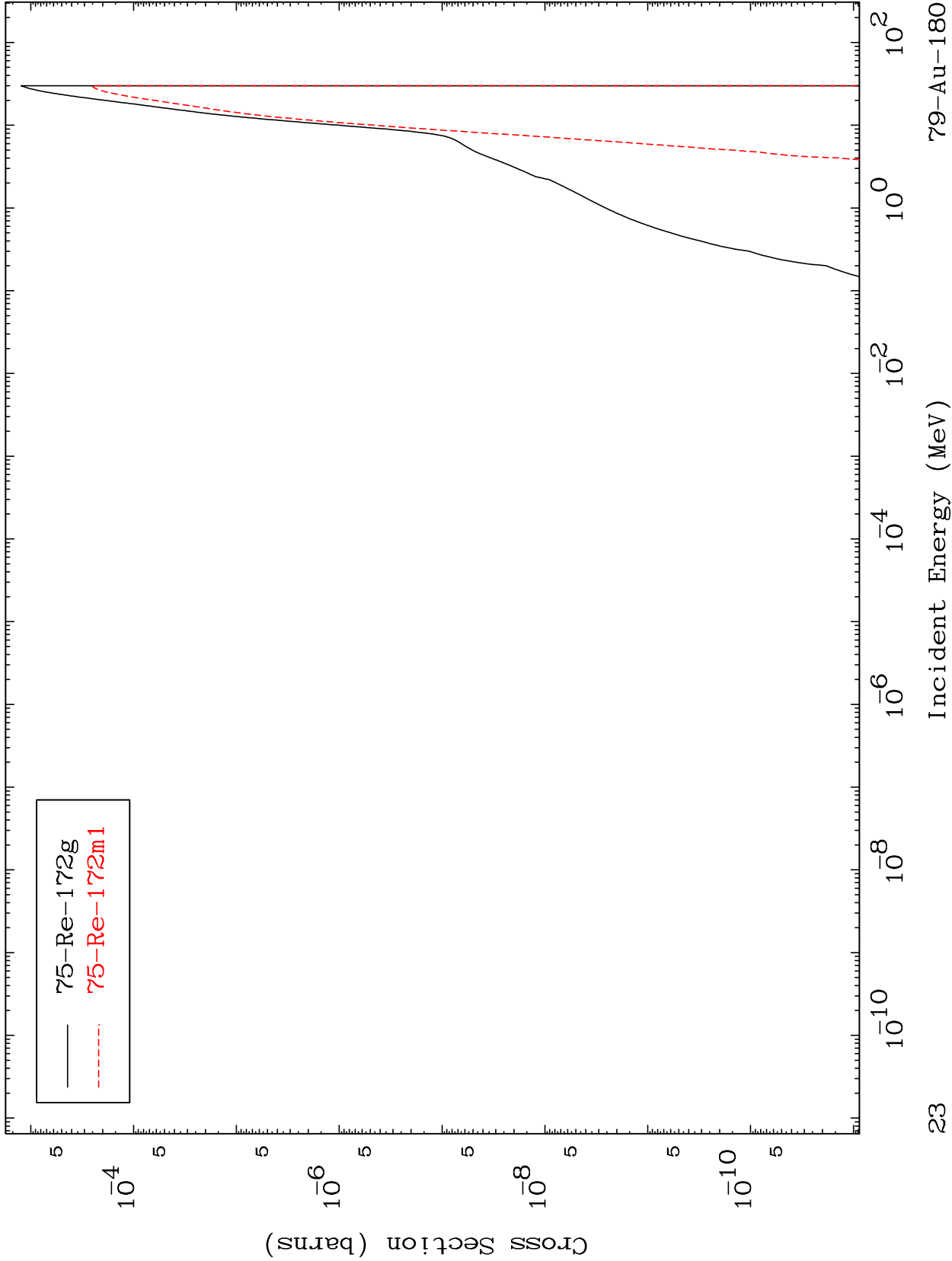


MAT 7874

(n,n') 2α

79-Au-180

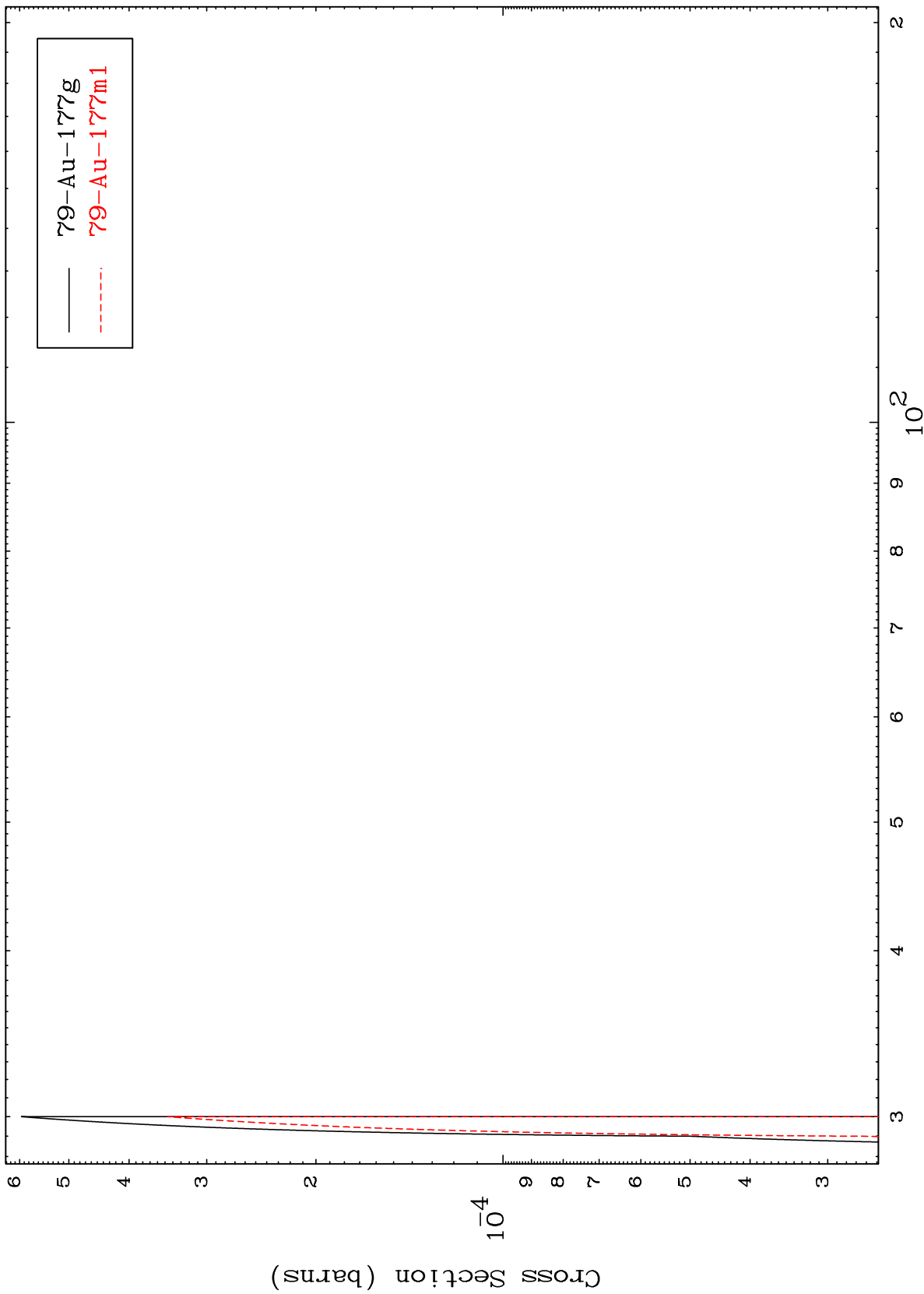
Radionuclide Production Cross Section



MAT 7874

79-Au-180

(n,4n)
Radionuclide Production Cross Section



79-Au-180

Incident Energy (MeV)

24