

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

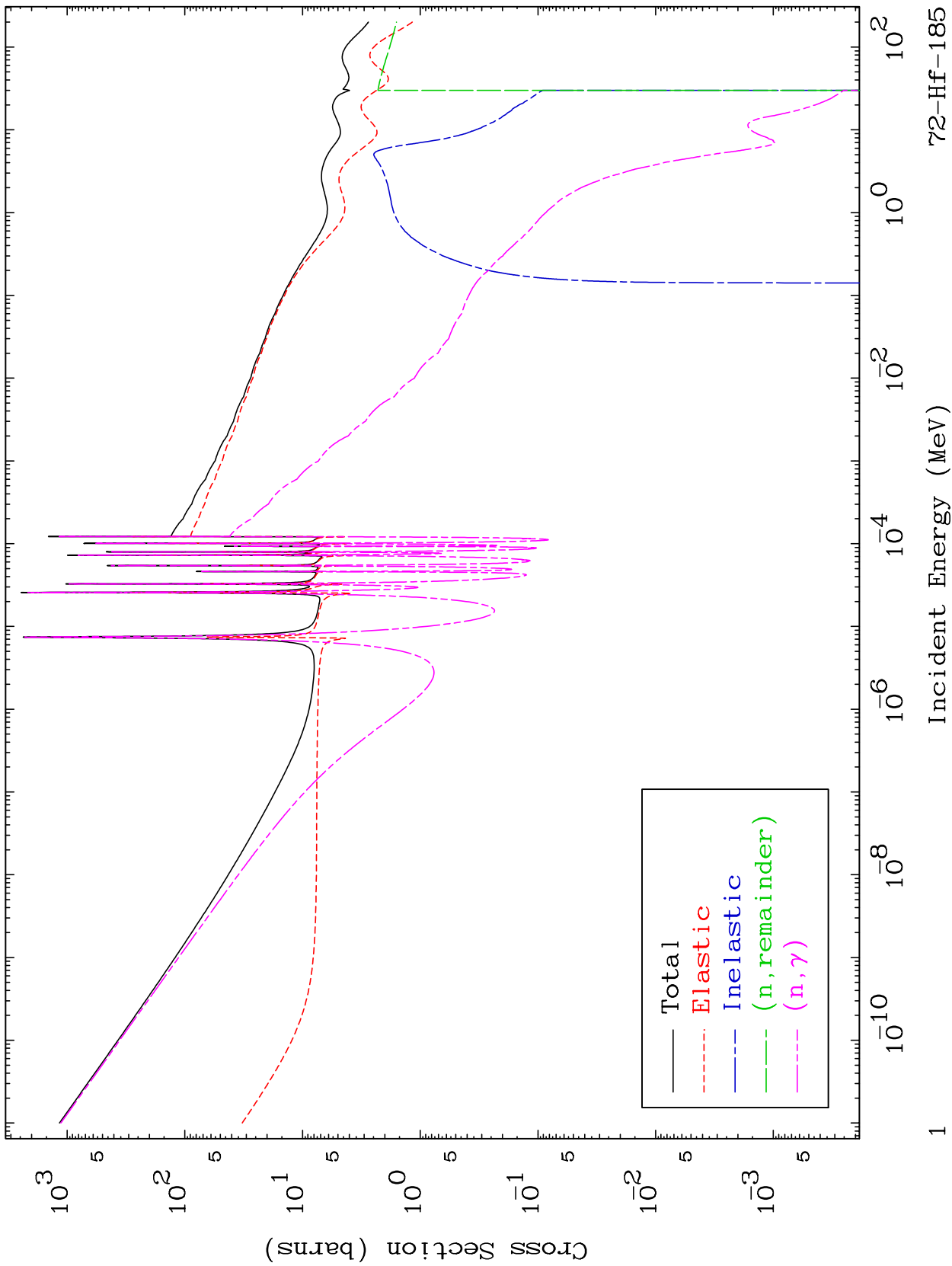
Press Mouse Button to Start

MAT 7258

Major

293 Kelvin Cross Sections

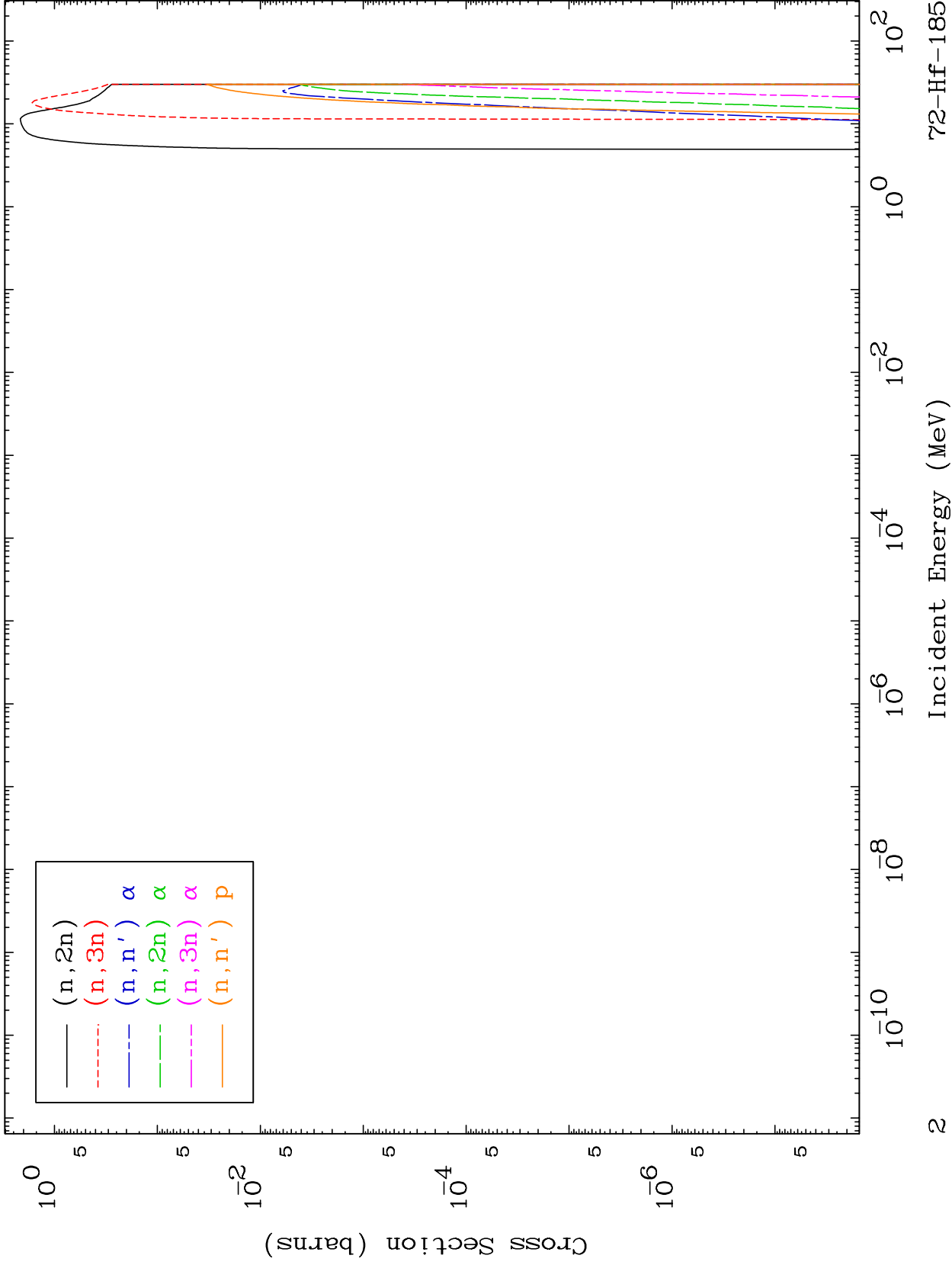
72-Hf-185

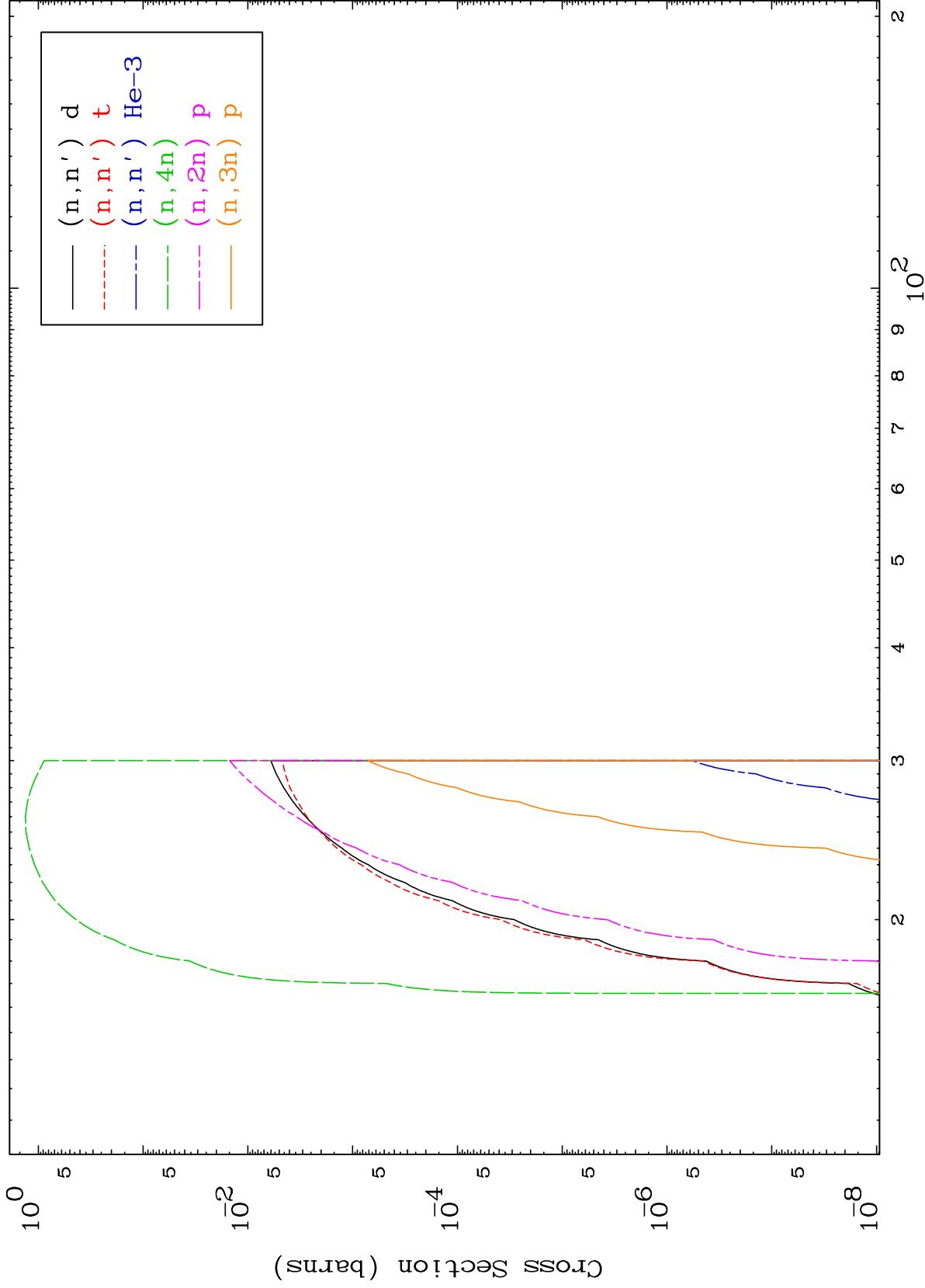


MAT 7258

Neutron Production
293 Kelvin Cross Sections

72-Hf-185

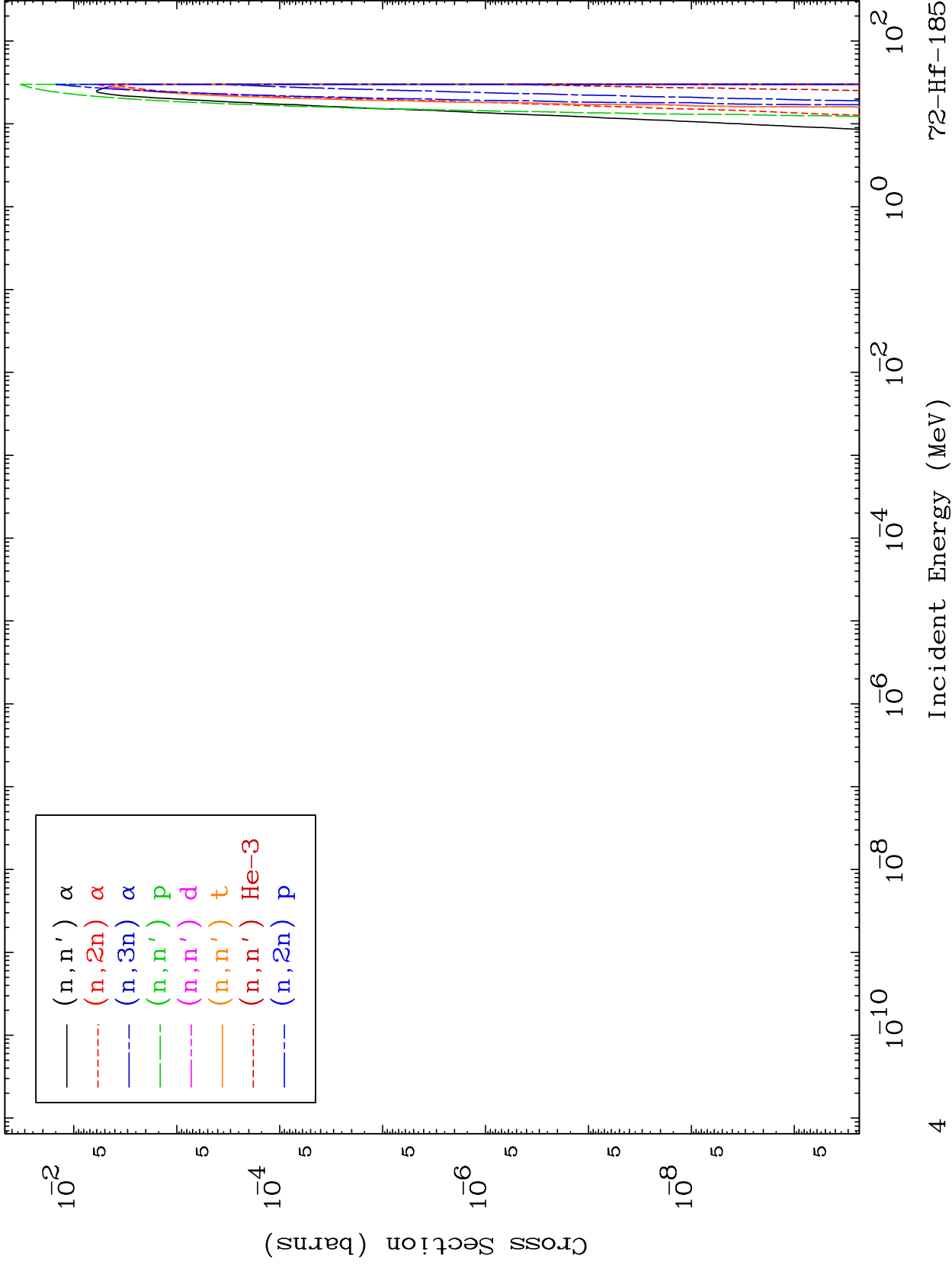




MAT 7258

Charged Particle
293 Kelvin Cross Sections

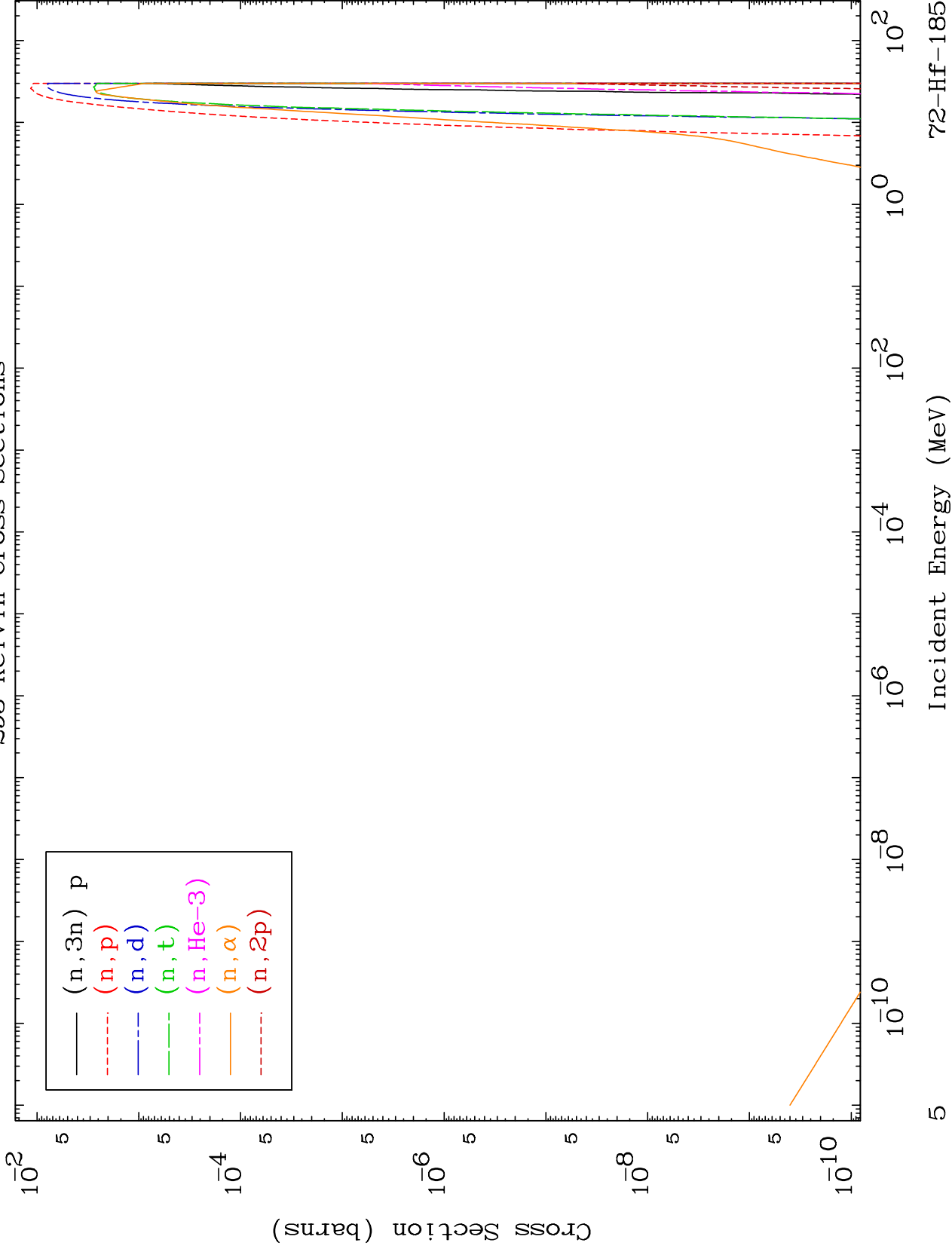
72-Hf-185

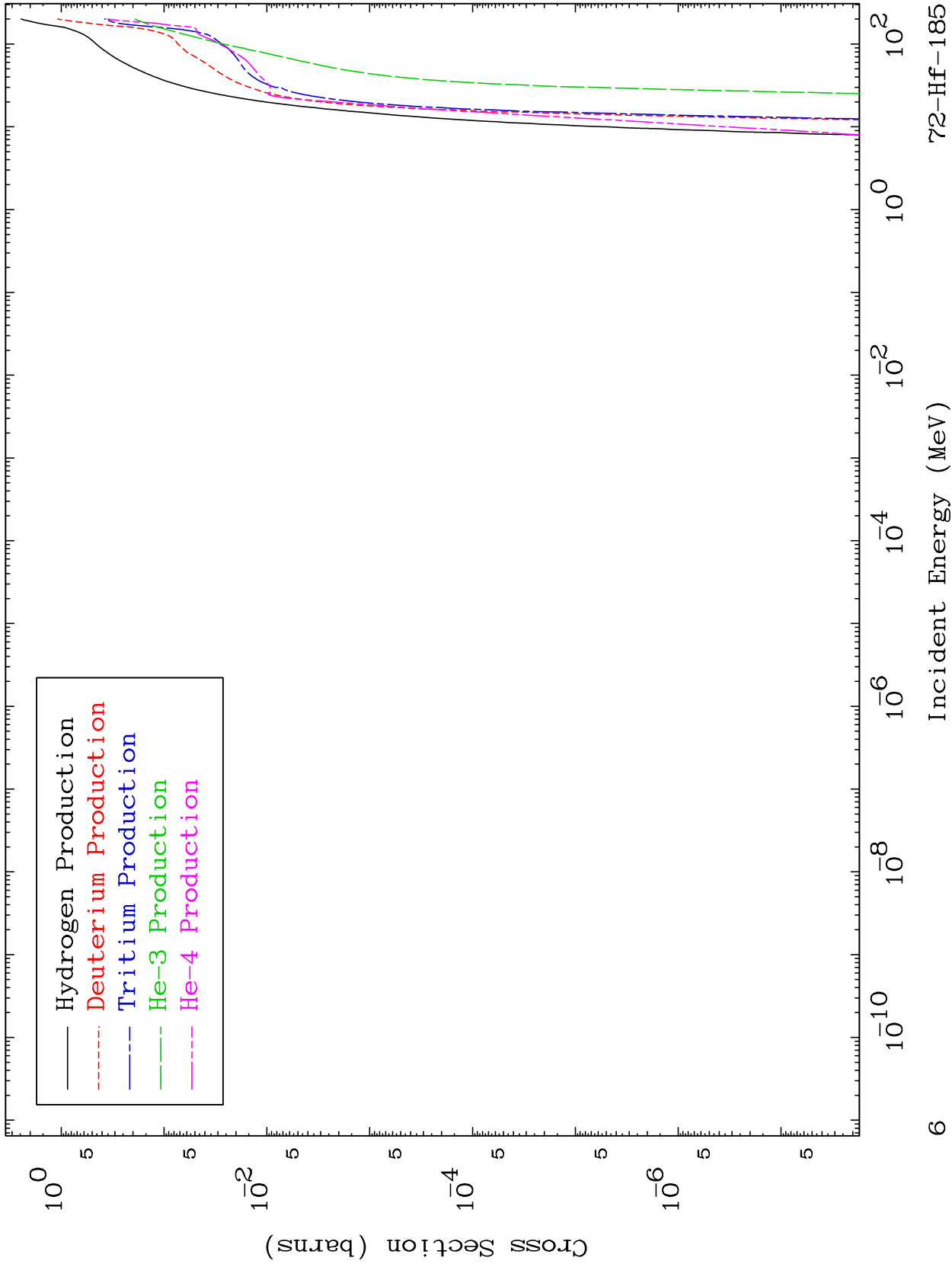


MAT 7258

Charged Particle
293 Kelvin Cross Sections

72-Hf-185



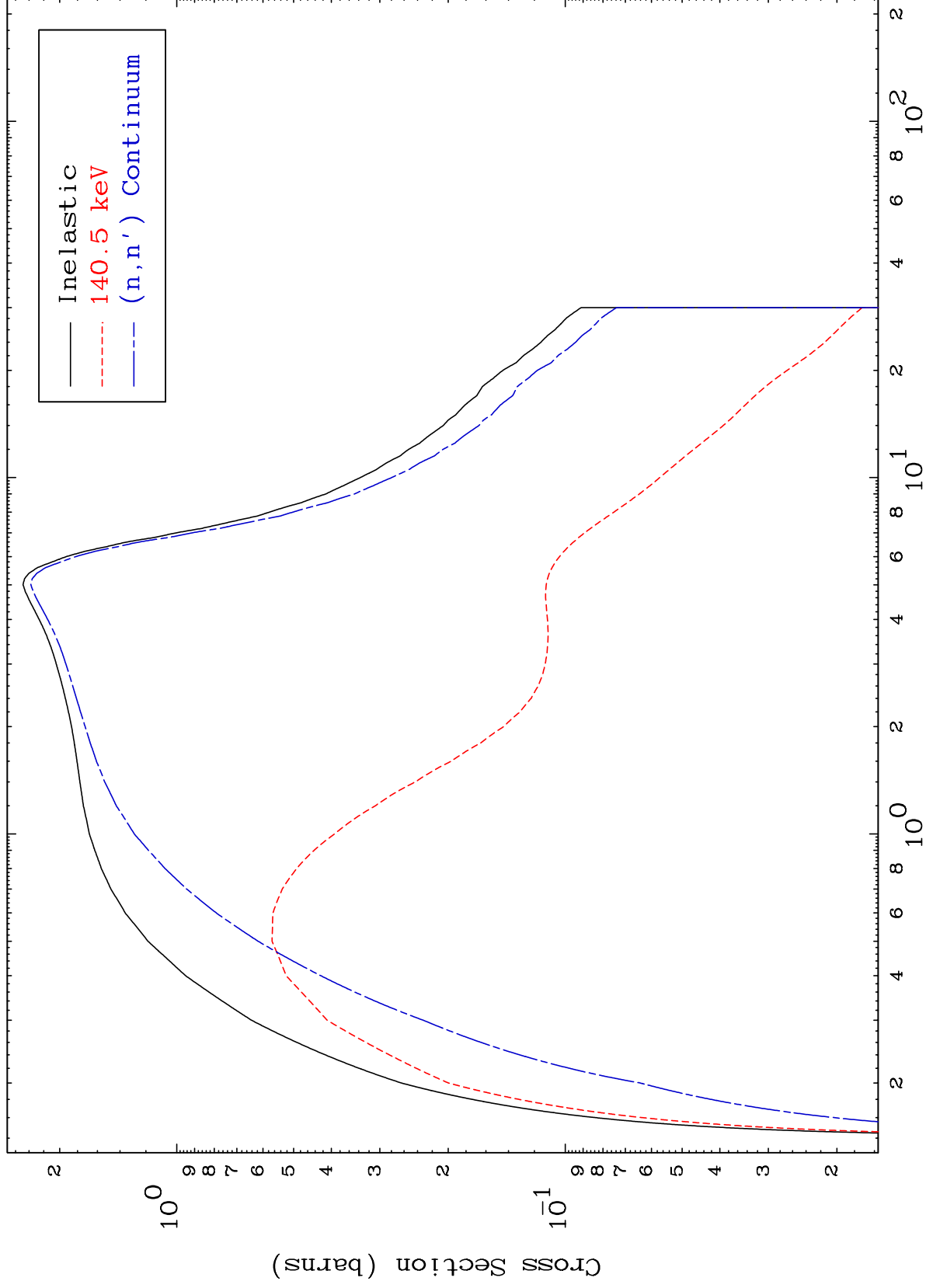


MAT 7258

(n,n') Level

72-Hf-185

293 Kelvin Cross Sections



7

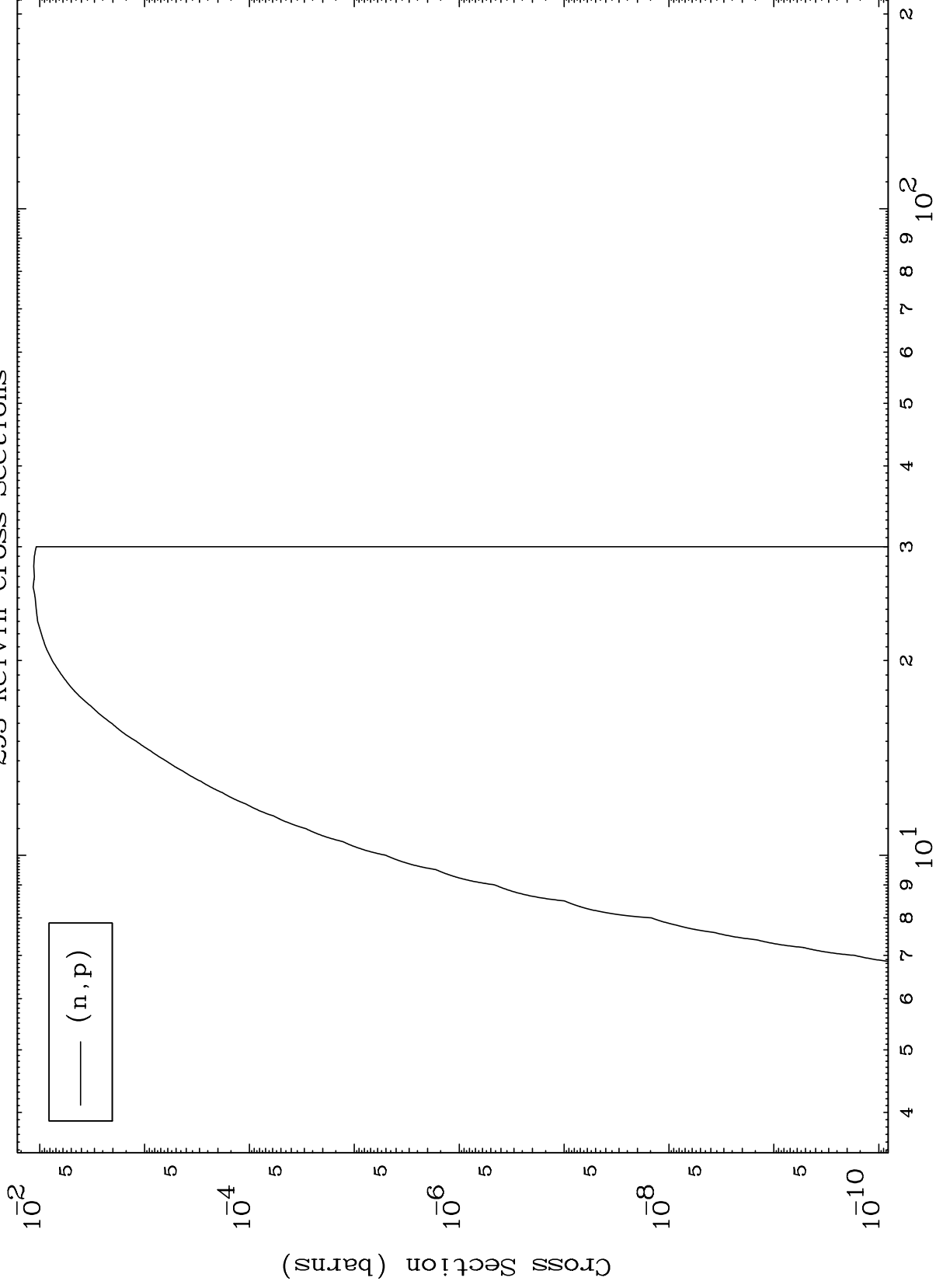
Incident Energy (MeV)

72-Hf-185

MAT 7258

(n,p) Levels
293 Kelvin Cross Sections

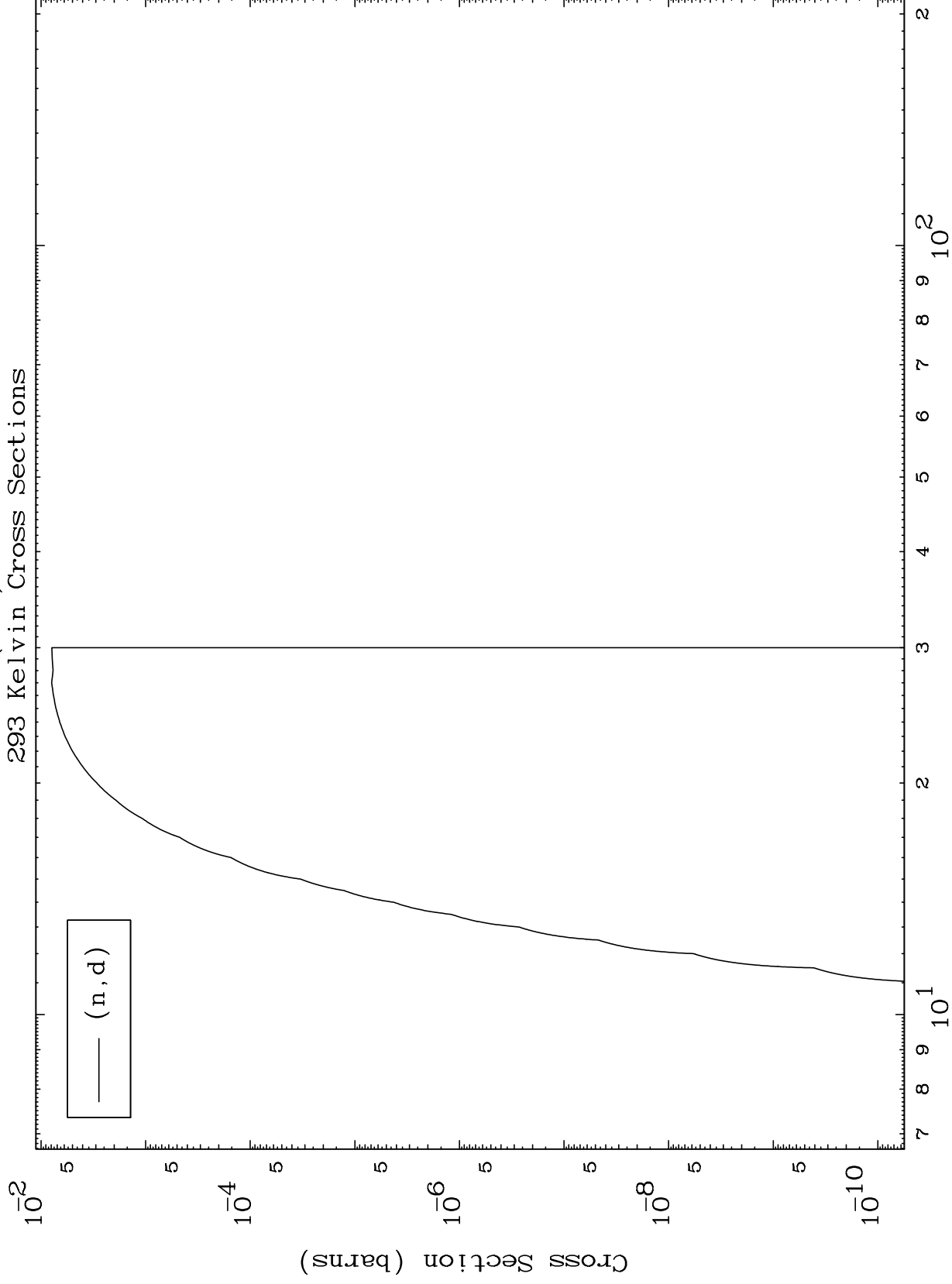
72-Hf-185



MAT 7258

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-185



9

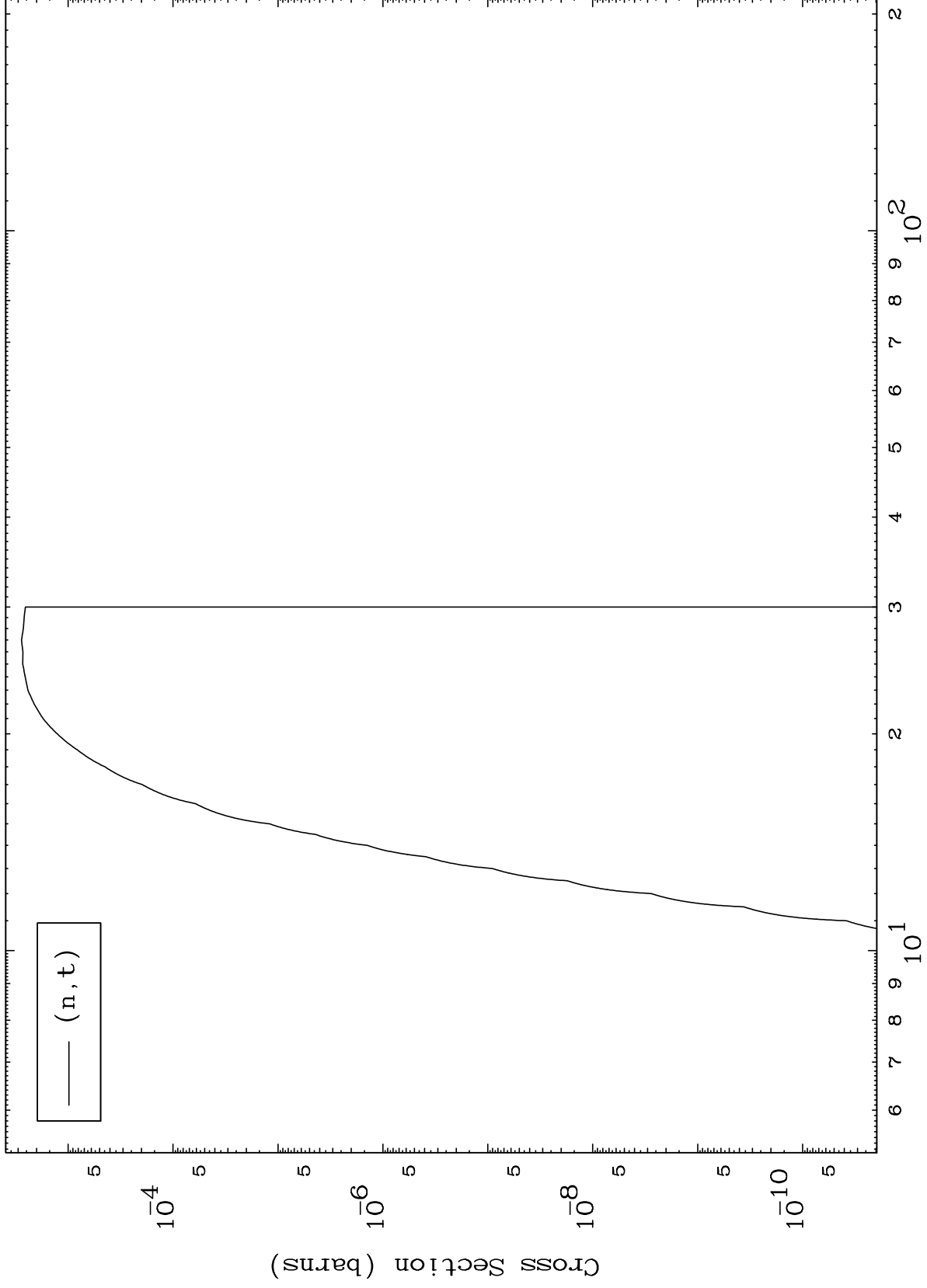
Incident Energy (MeV)

72-Hf-185

MAT 7258

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-185



10

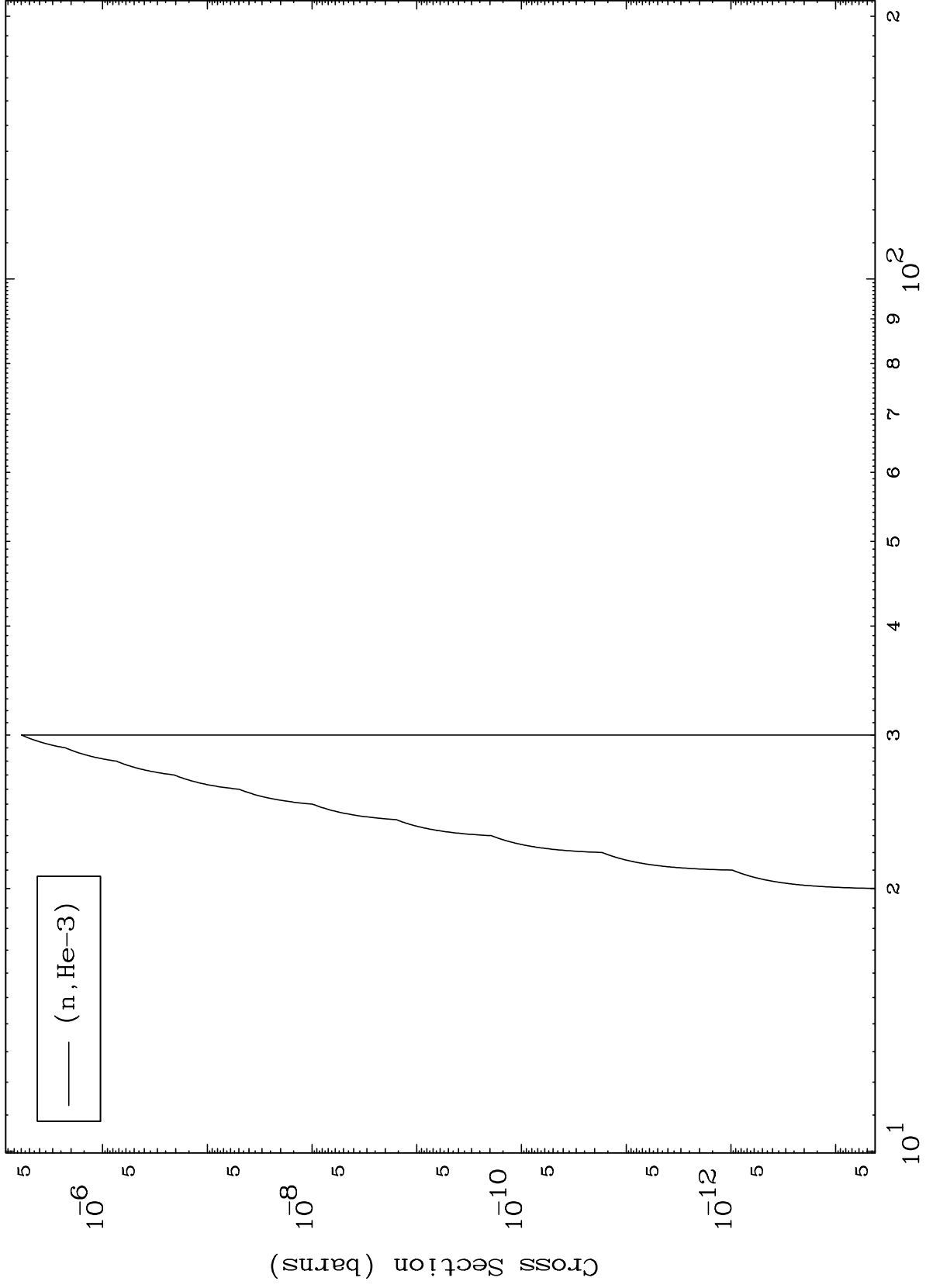
Incident Energy (MeV)

72-Hf-185

MAT 7258

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-185



11

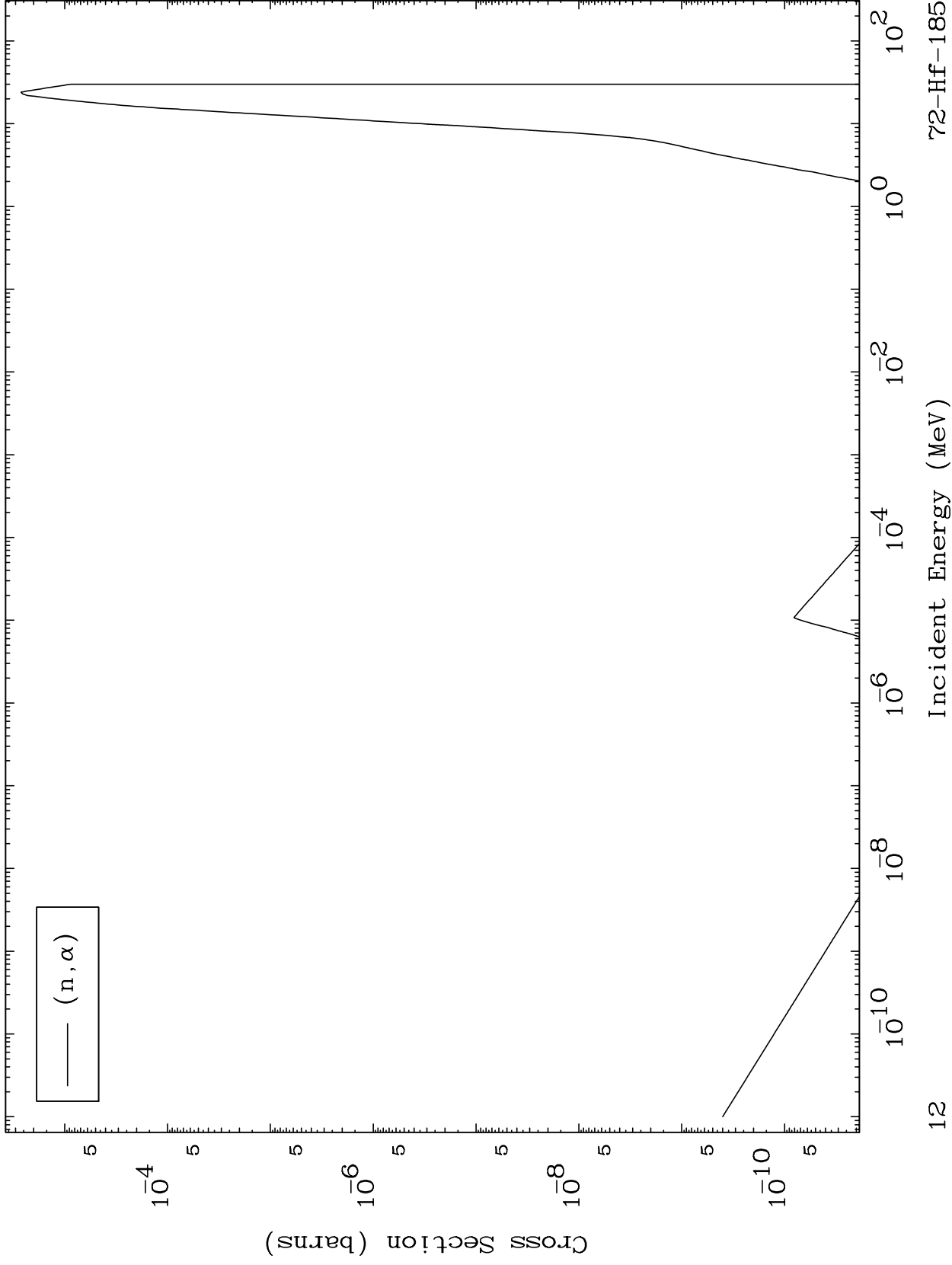
Incident Energy (MeV)

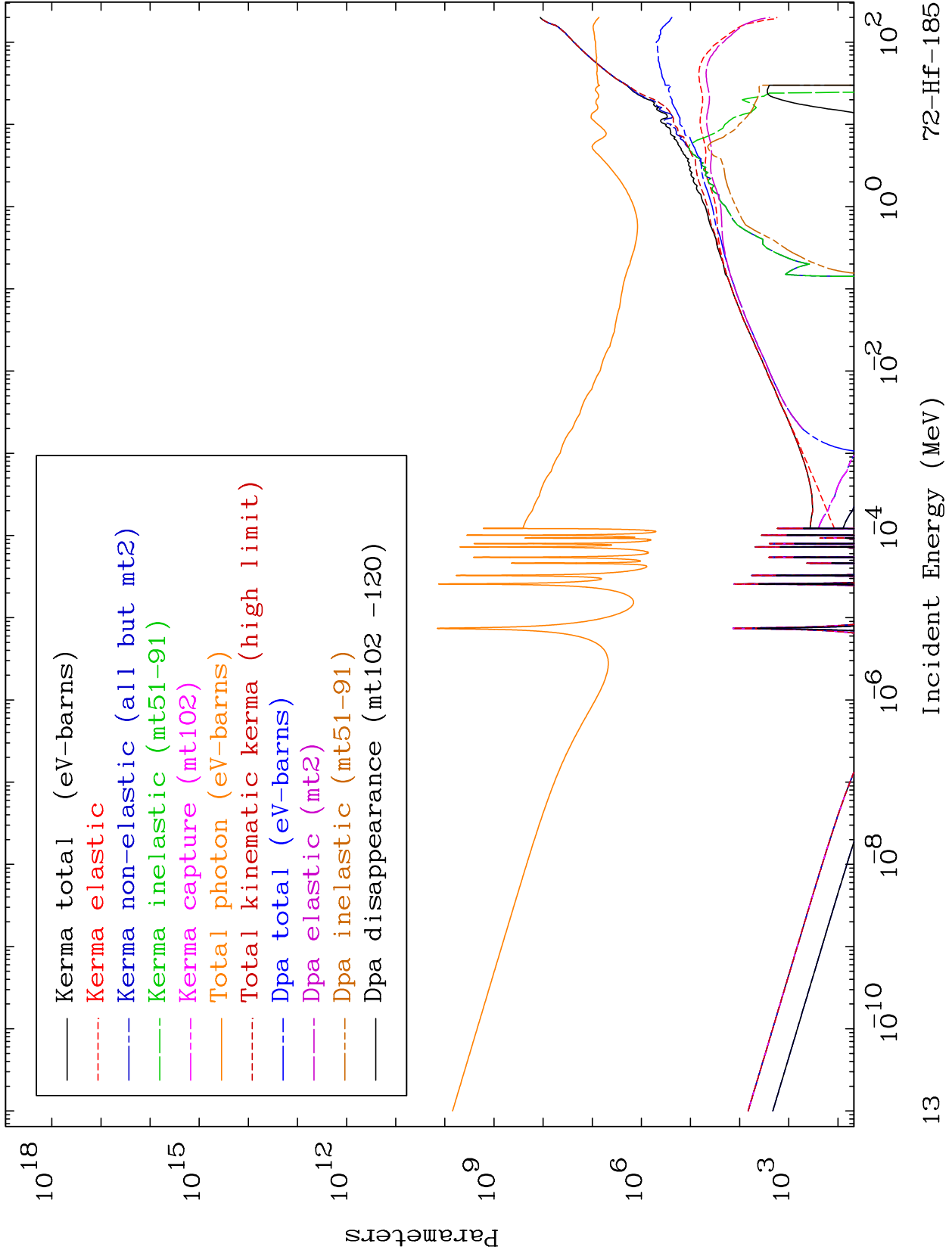
72-Hf-185

MAT 7258

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-185

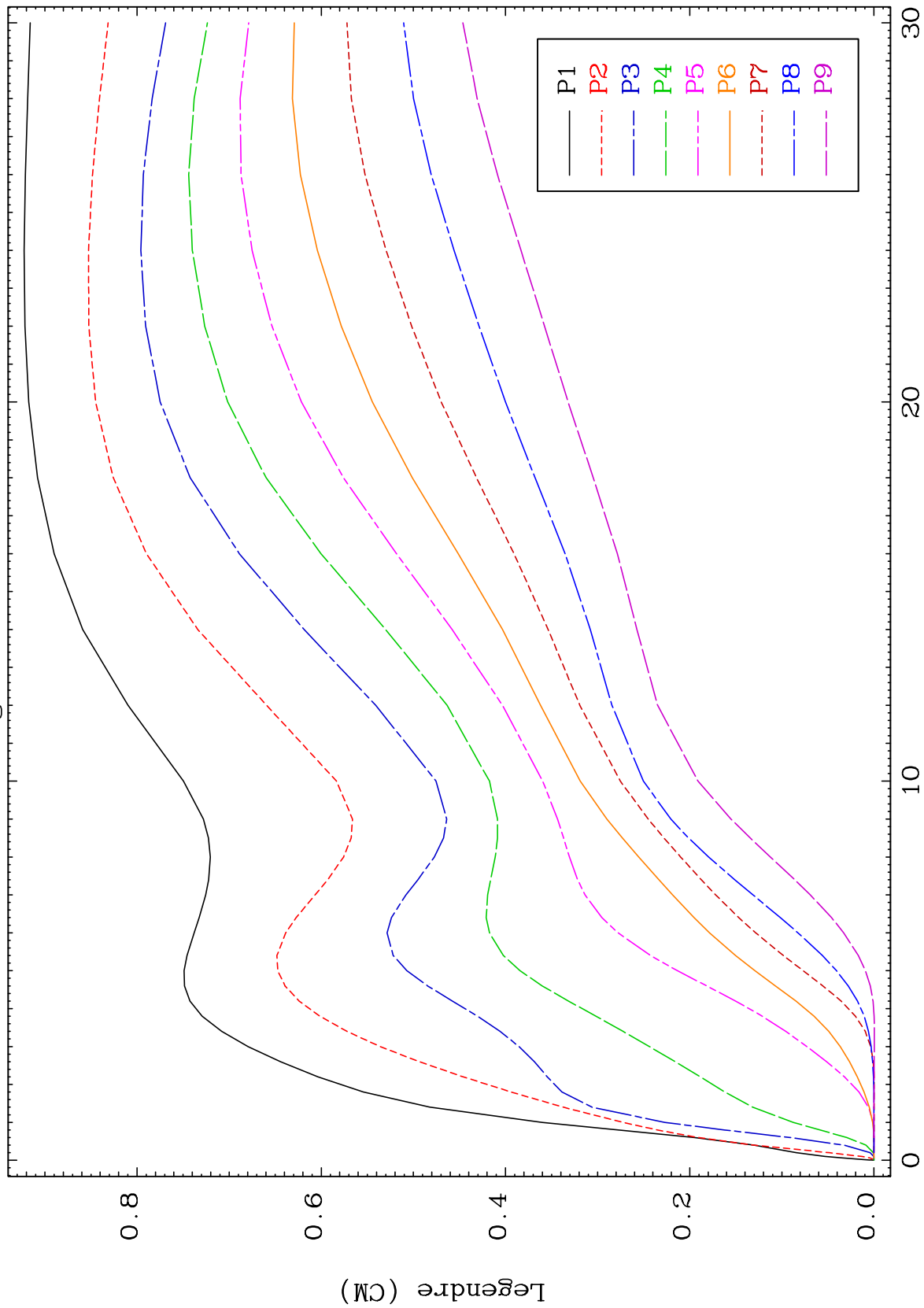




MAT 7258

Elastic Legendre Coefficients

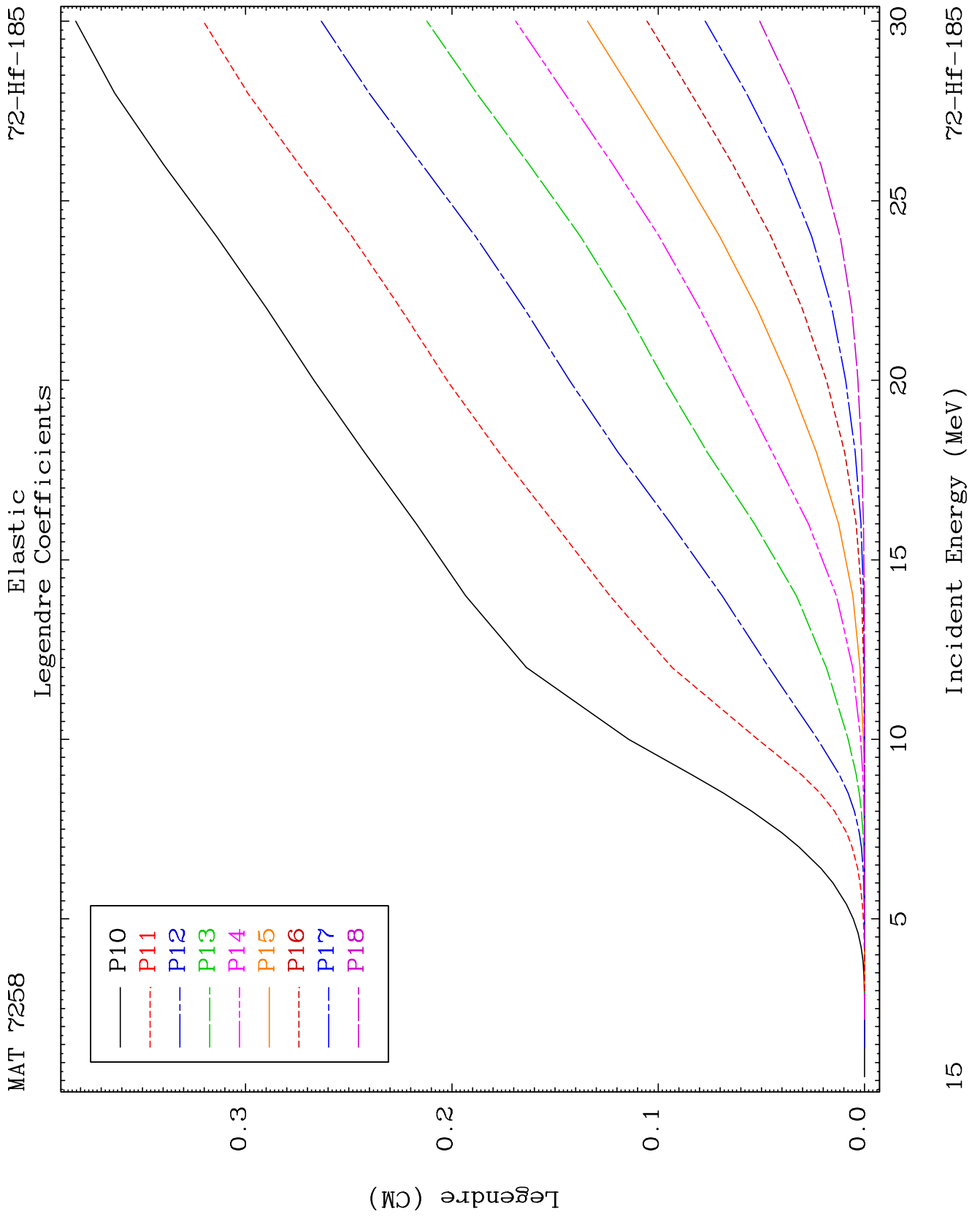
72-Hf-185



14

Incident Energy (MeV)

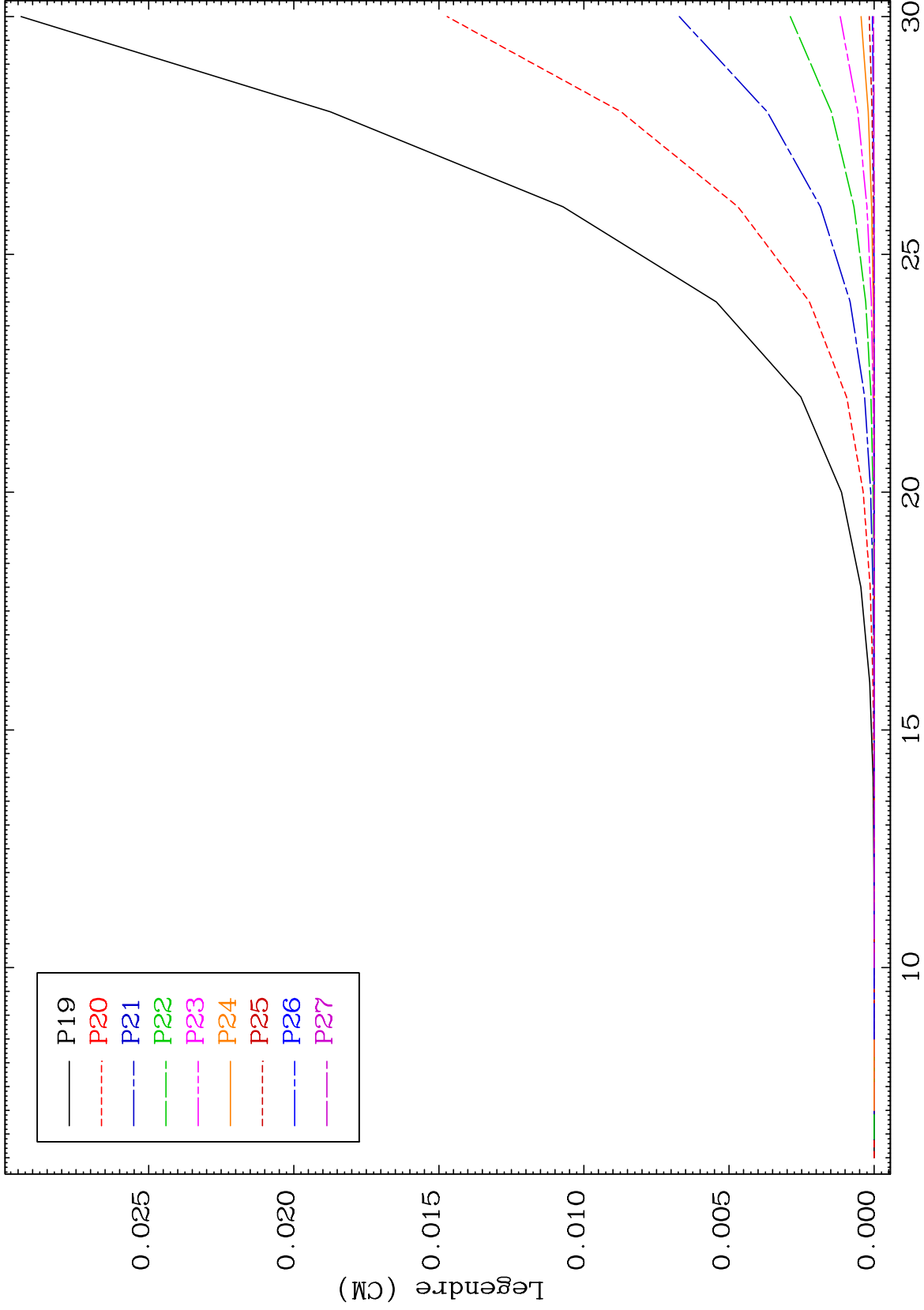
72-Hf-185



MAT 7258

Elastic
Legendre Coefficients

72-Hf-185



16

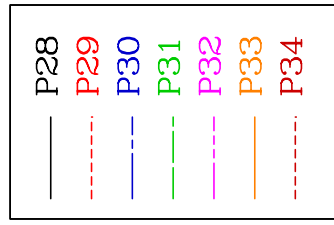
Incident Energy (MeV)

72-Hf-185

MAT 7258

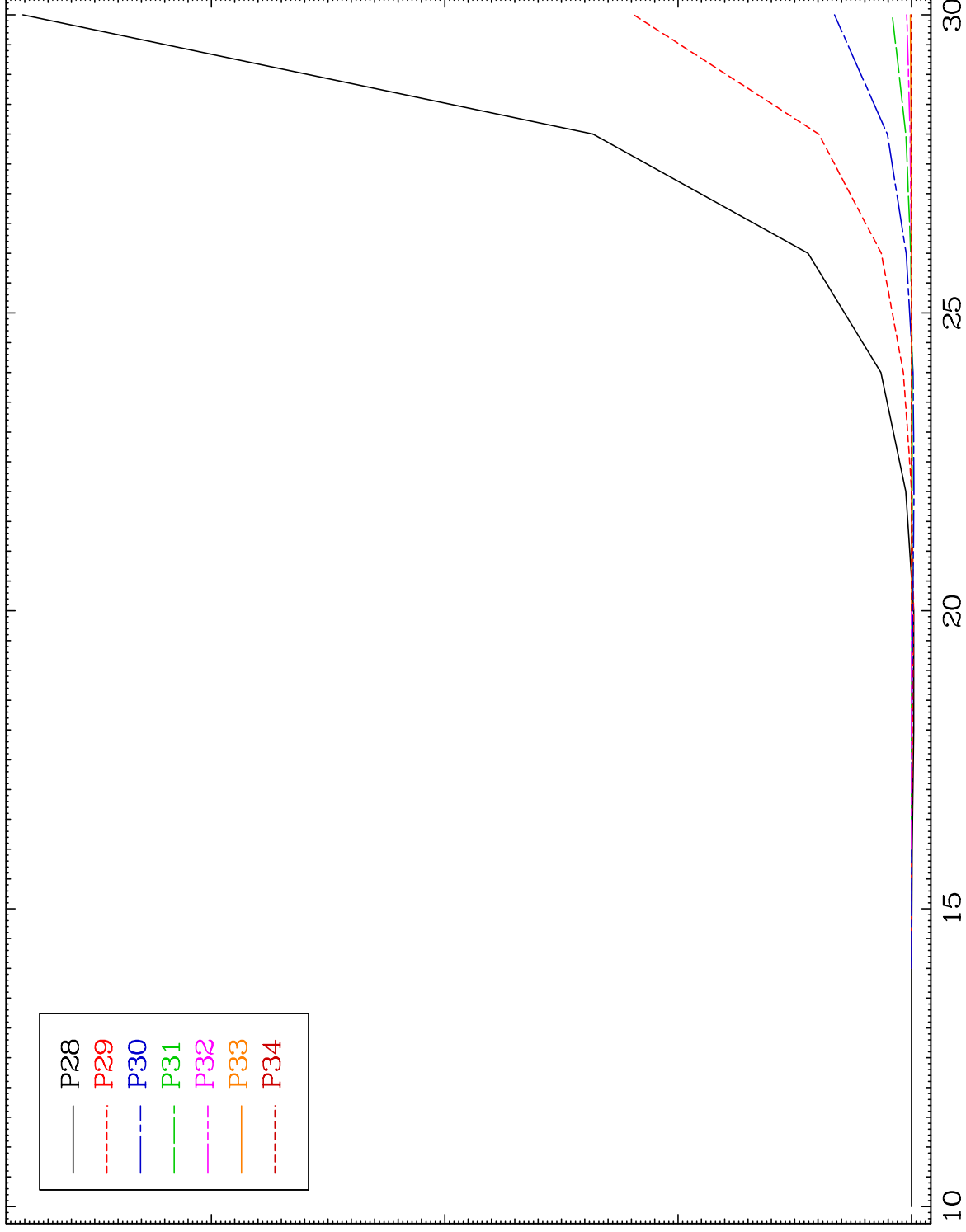
Elastic Legendre Coefficients

72-Hf-185



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

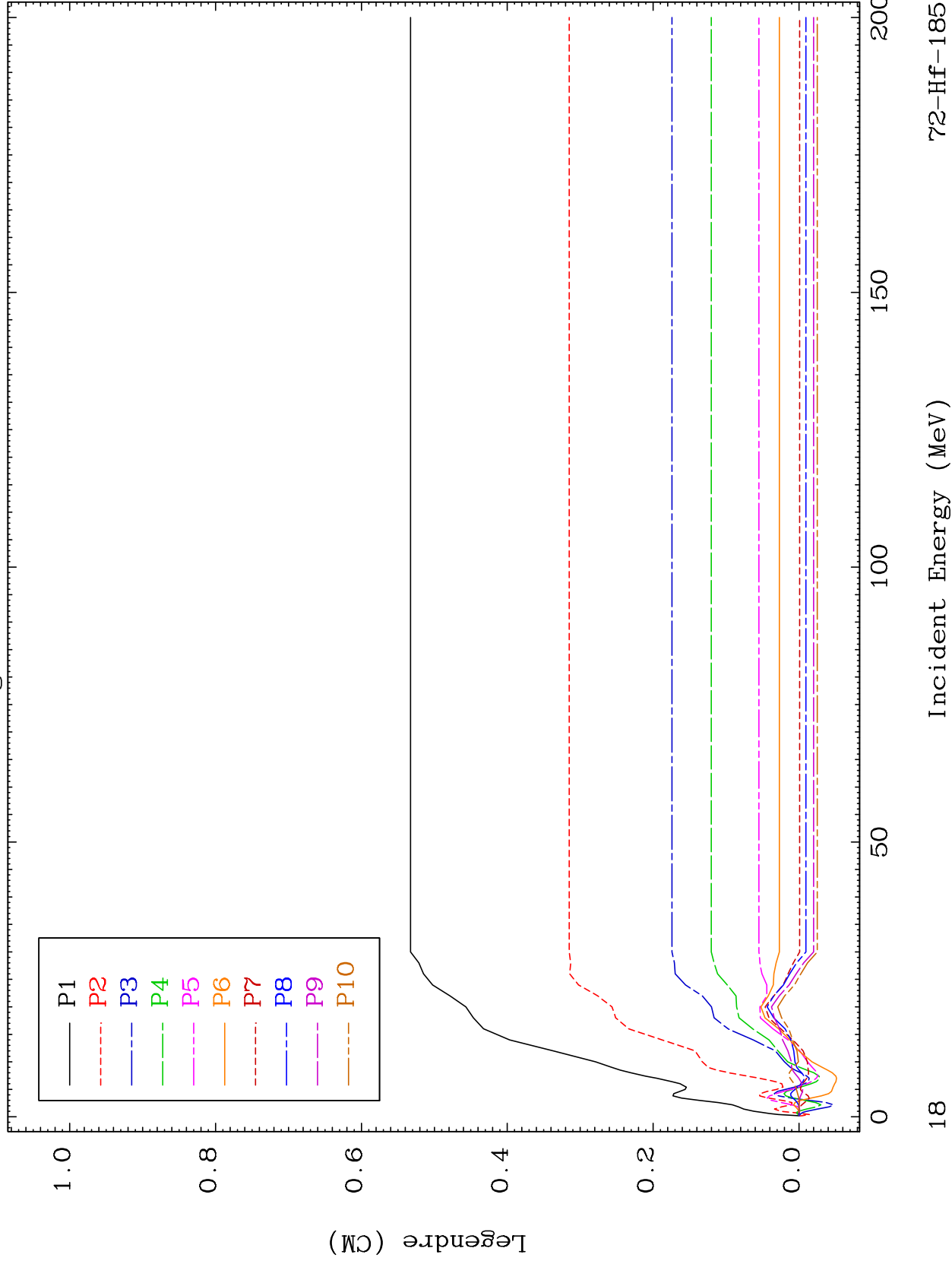
Incident Energy (MeV)

72-Hf-185

MAT 7258

140.5 keV (n, n') Level
Legendre Coefficients

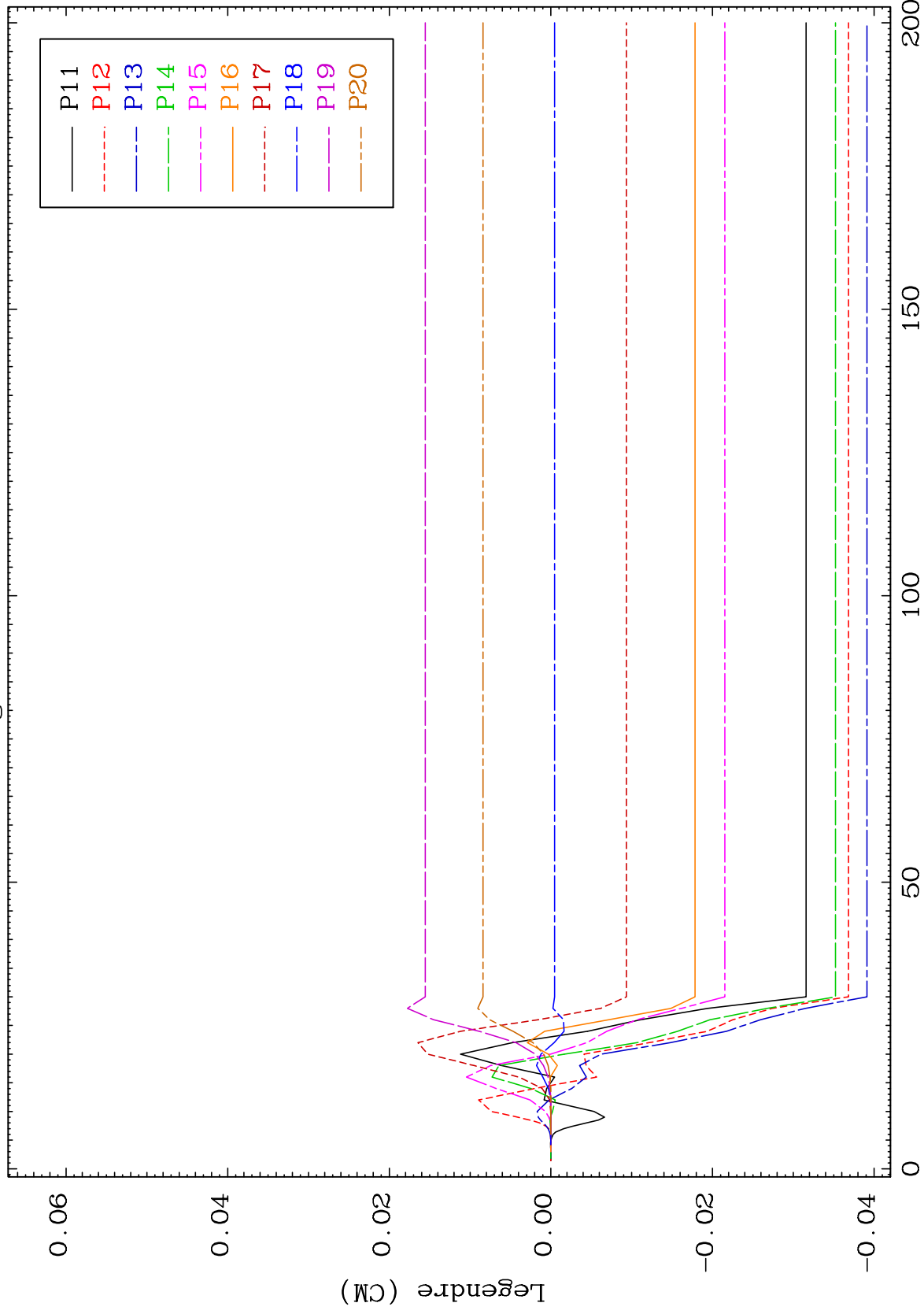
72-Hf-185



MAT 7258

140.5 keV (n,n') Level
Legendre Coefficients

72-Hf-185



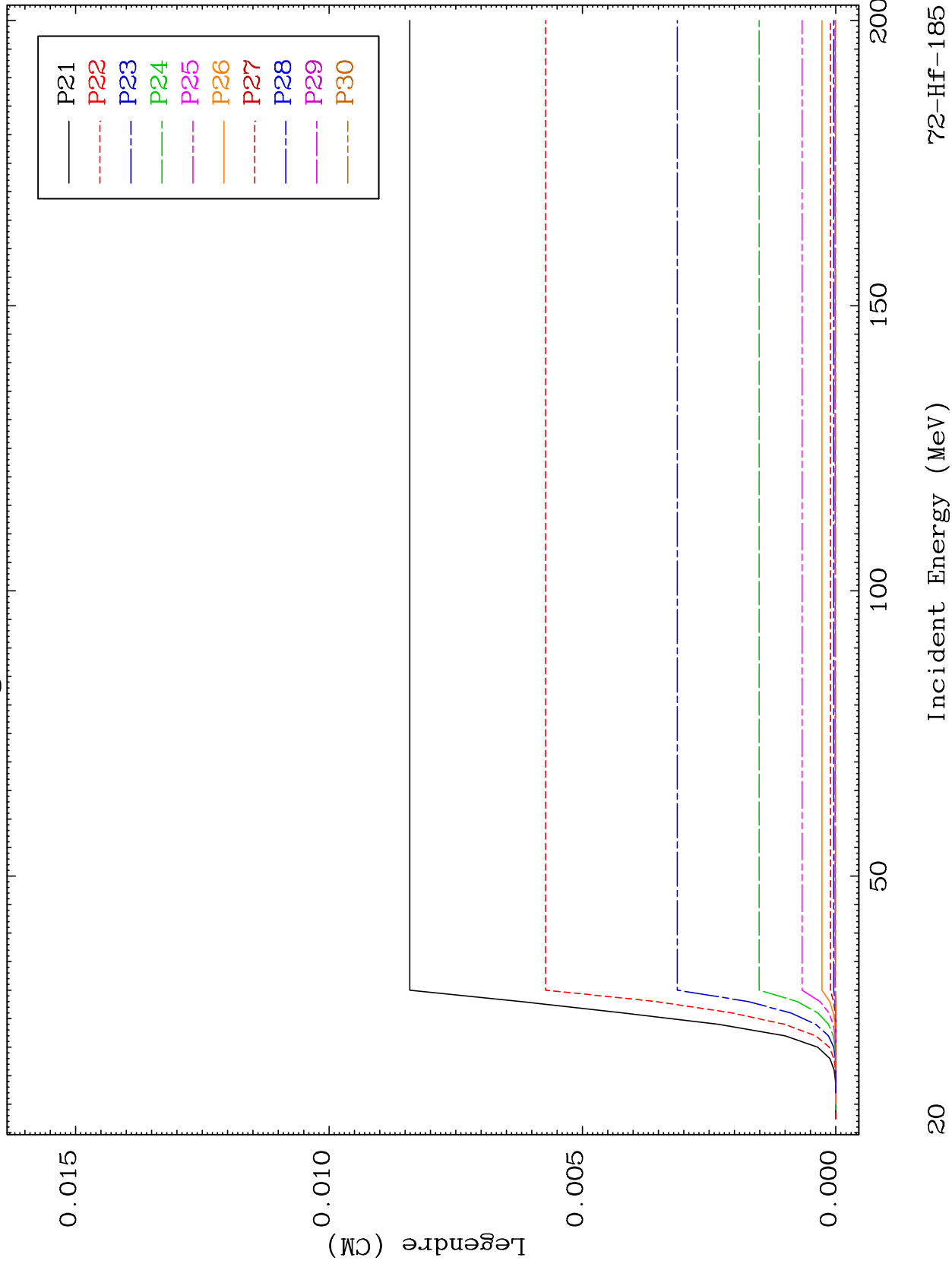
19

72-Hf-185

MAT 7258

140.5 keV (n,n') Level
Legendre Coefficients

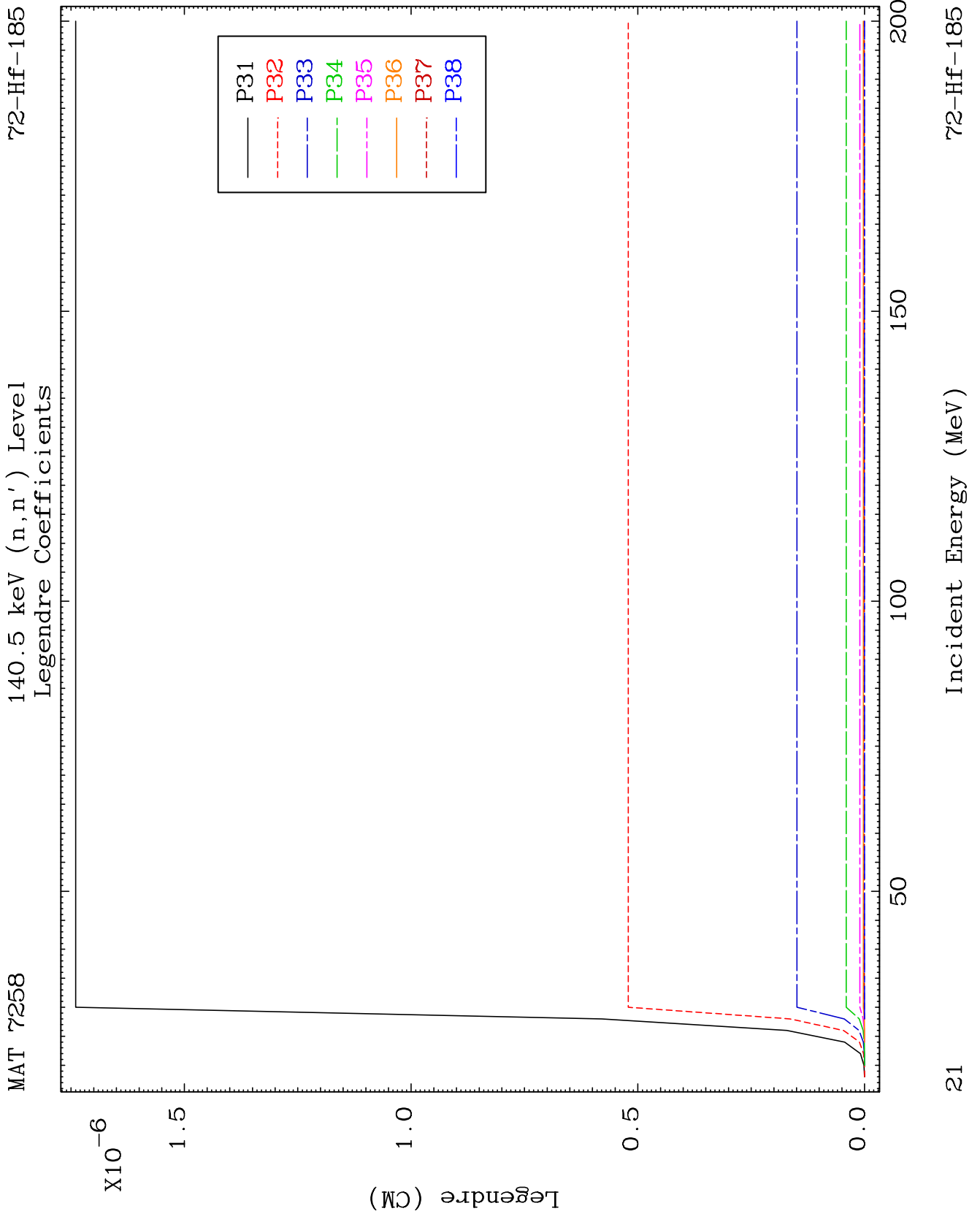
72-Hf-185



72-Hf-185

Incident Energy (MeV)

20

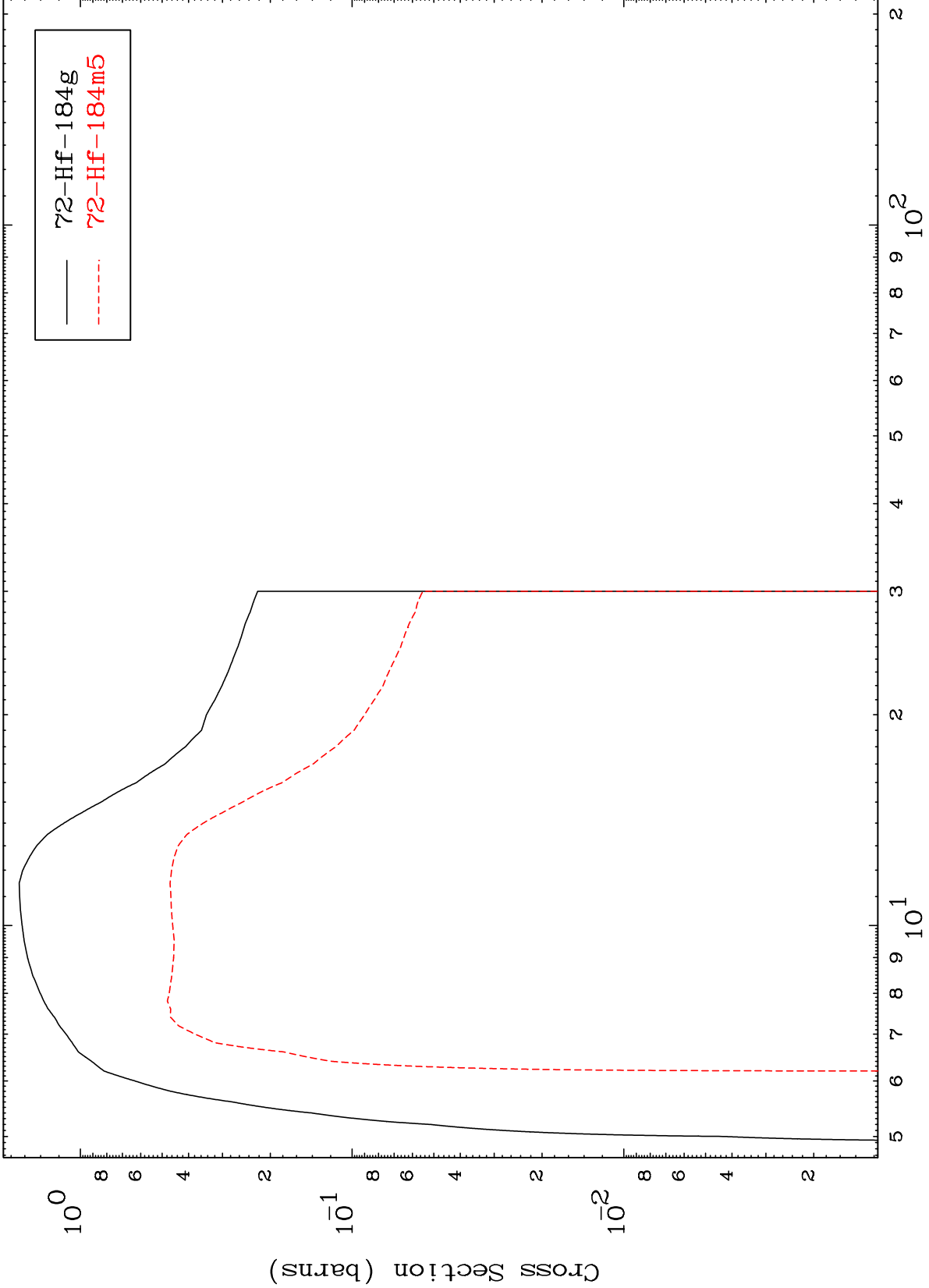


MAT 7258

72-Hf-185

(n,2n)

Radionuclide Production Cross Section



72-Hf-184g
72-Hf-184m5

22

Incident Energy (MeV)

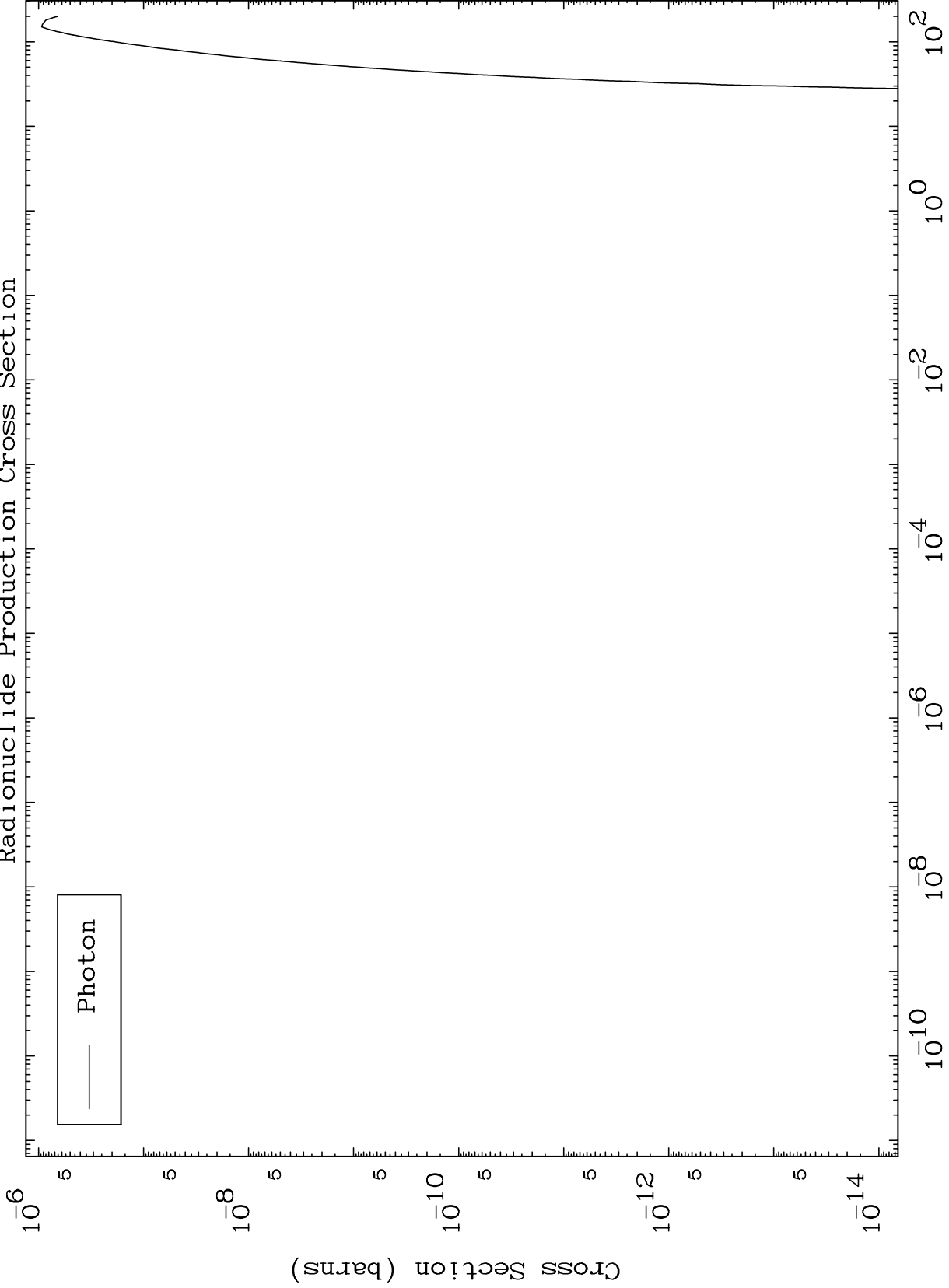
72-Hf-185

MAT 7258

Fission

72-Hf-185

Radionuclide Production Cross Section



23

Incident Energy (MeV)

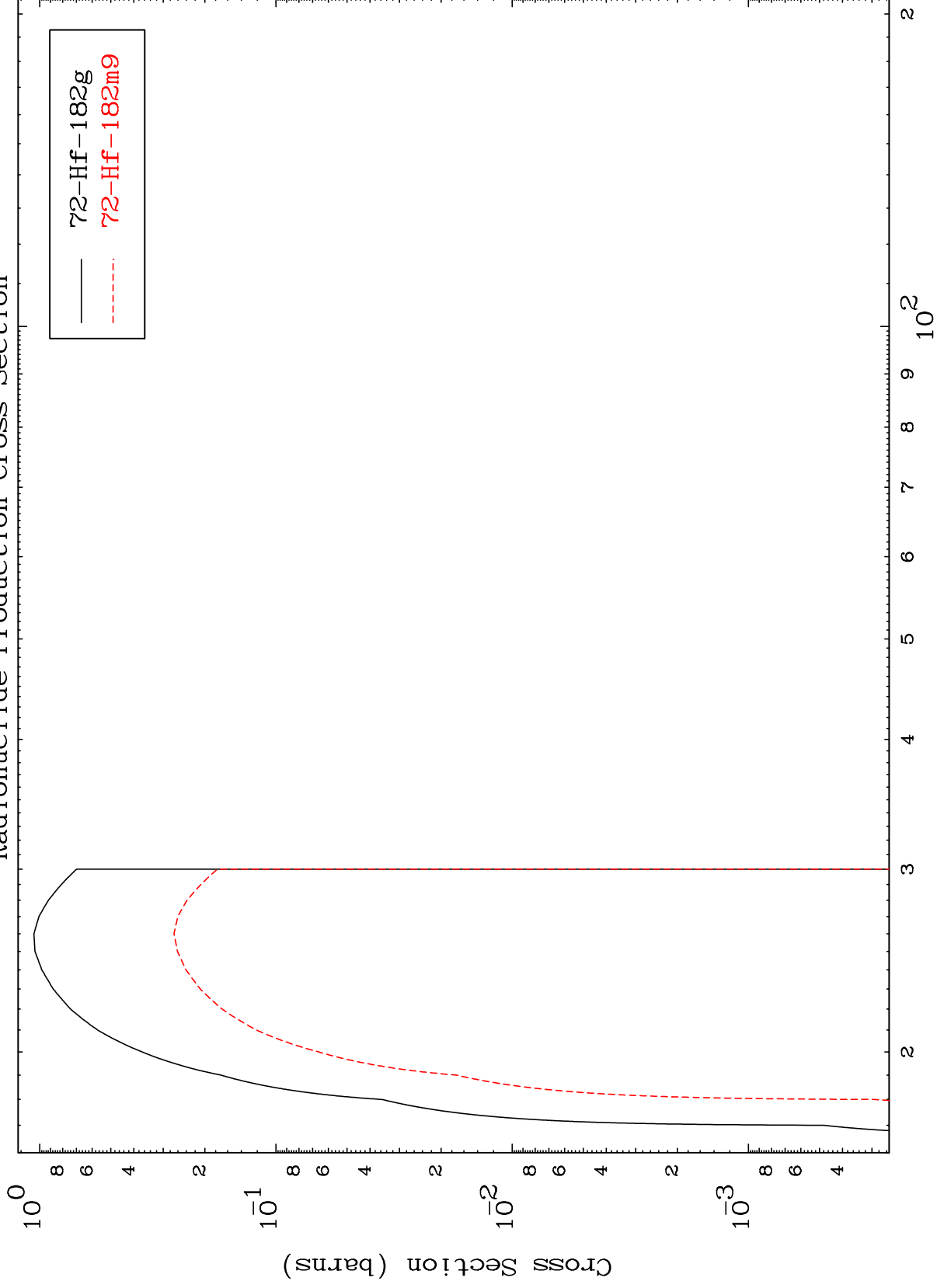
72-Hf-185

MAT 7258

(n,4n)

72-Hf-185

Radionuclide Production Cross Section



24

Incident Energy (MeV)

72-Hf-185