

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

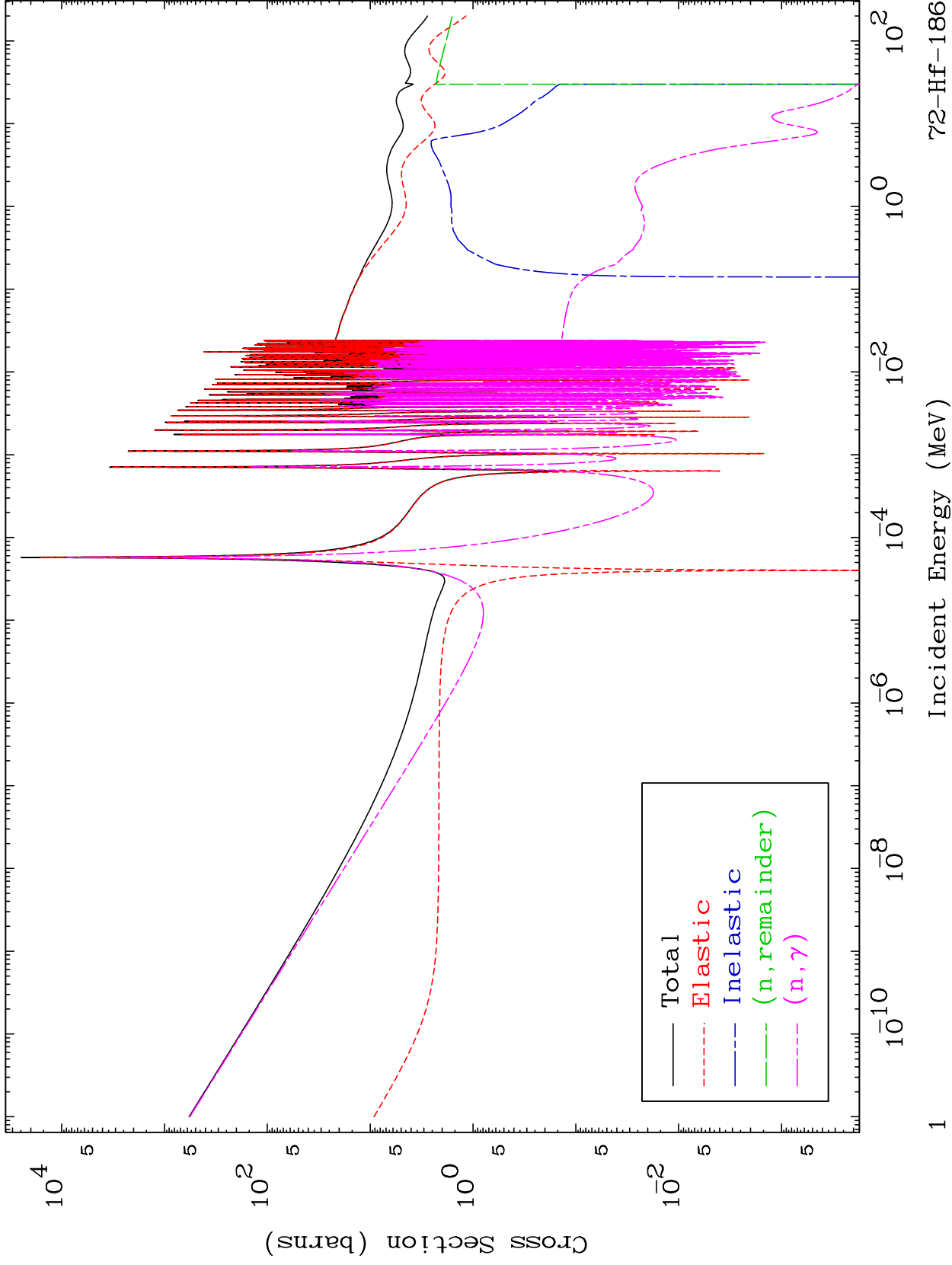
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7261

Major
293 Kelvin Cross Sections

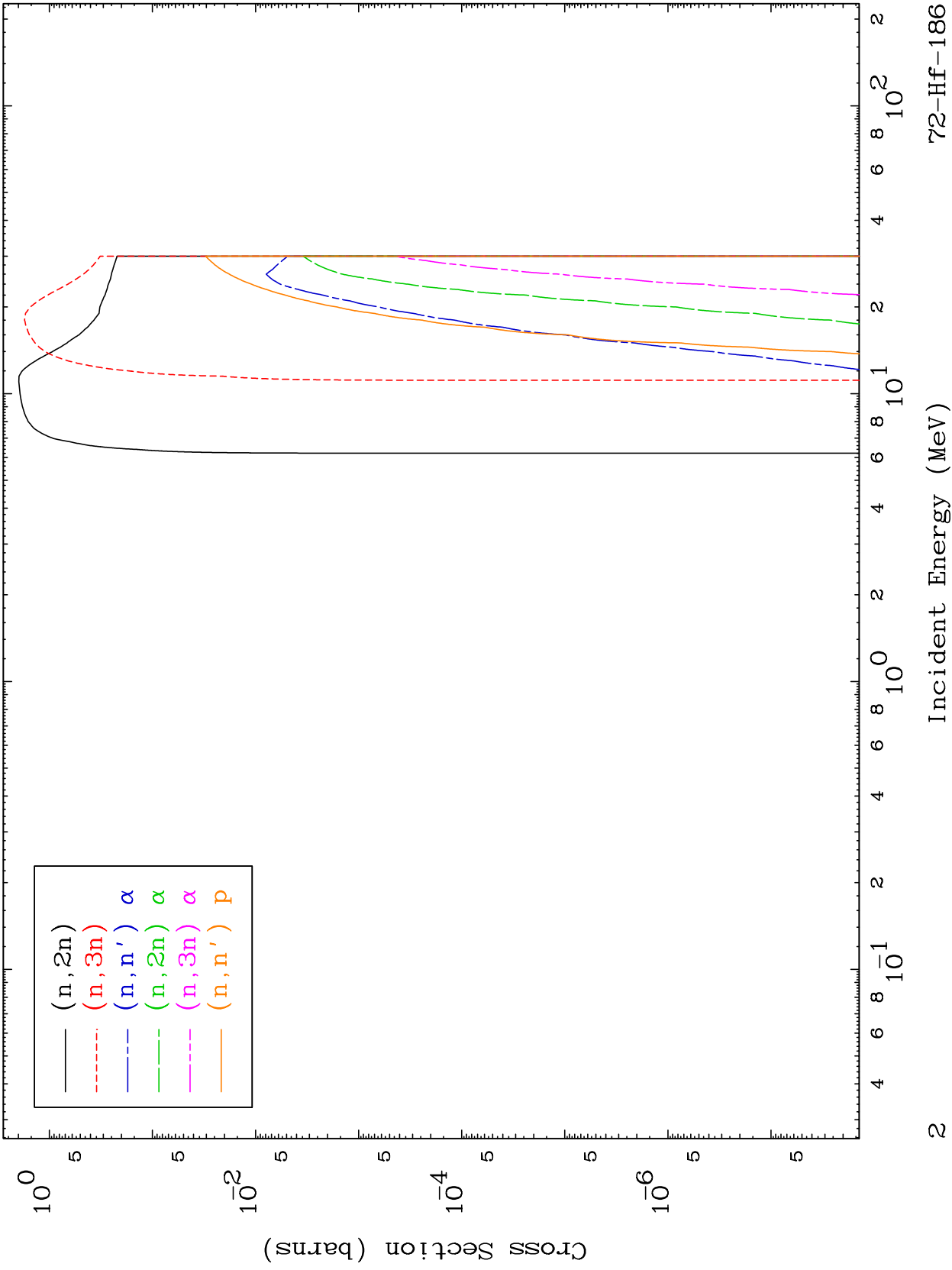
72-Hf-186

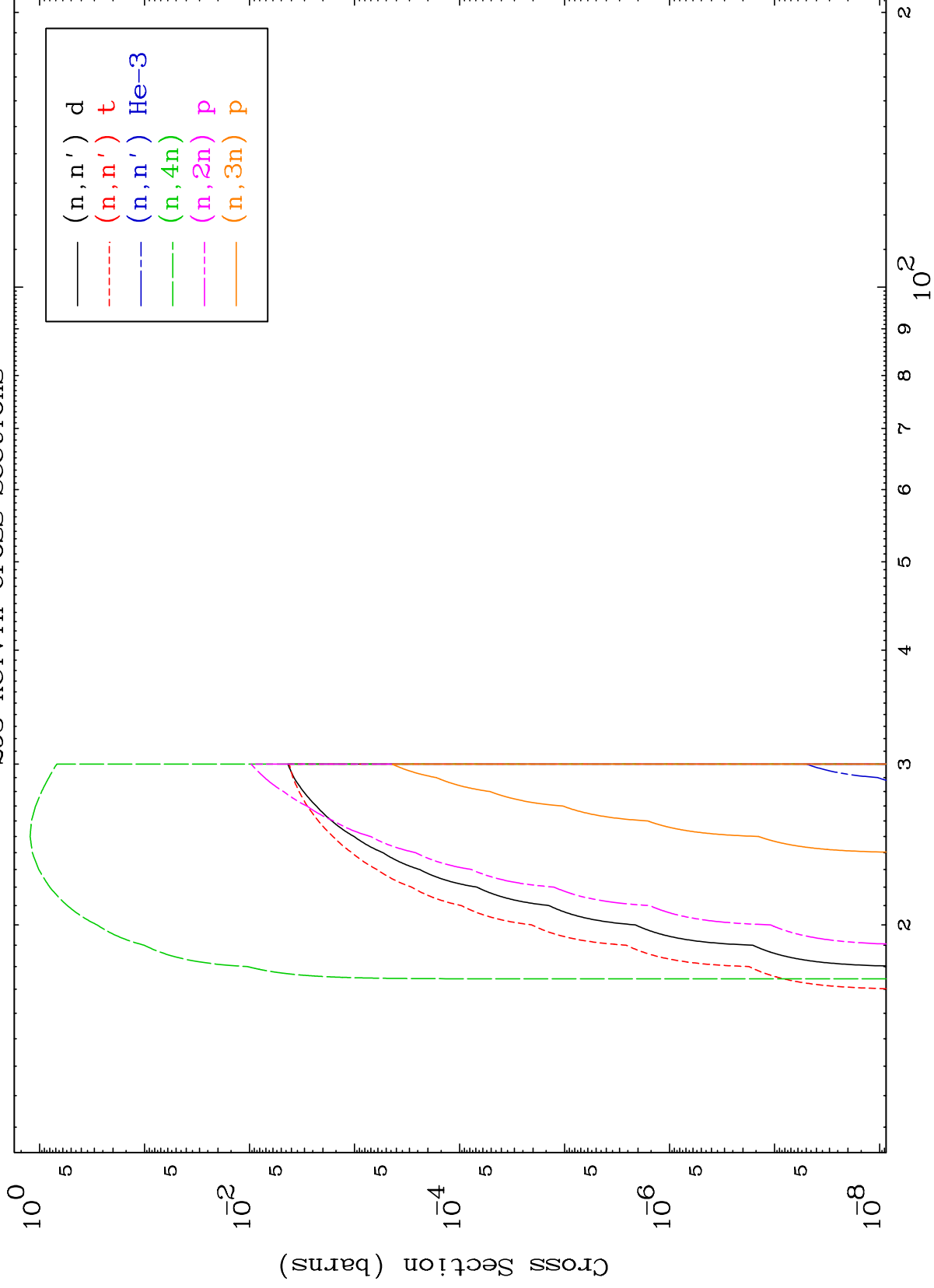


MAT 7261

Neutron Production
293 Kelvin Cross Sections

72-Hf-186

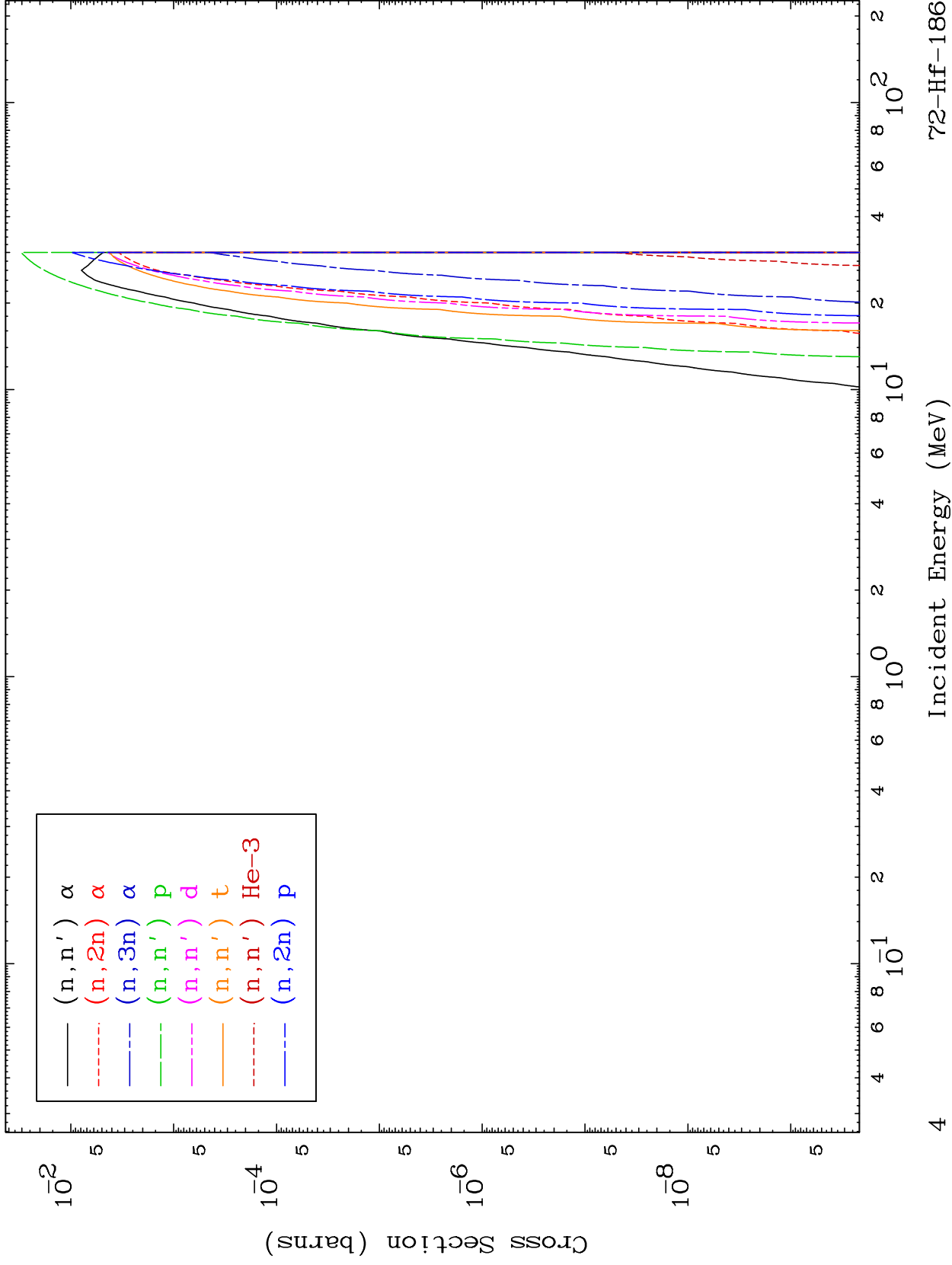




MAT 7261

Charged Particle
293 Kelvin Cross Sections

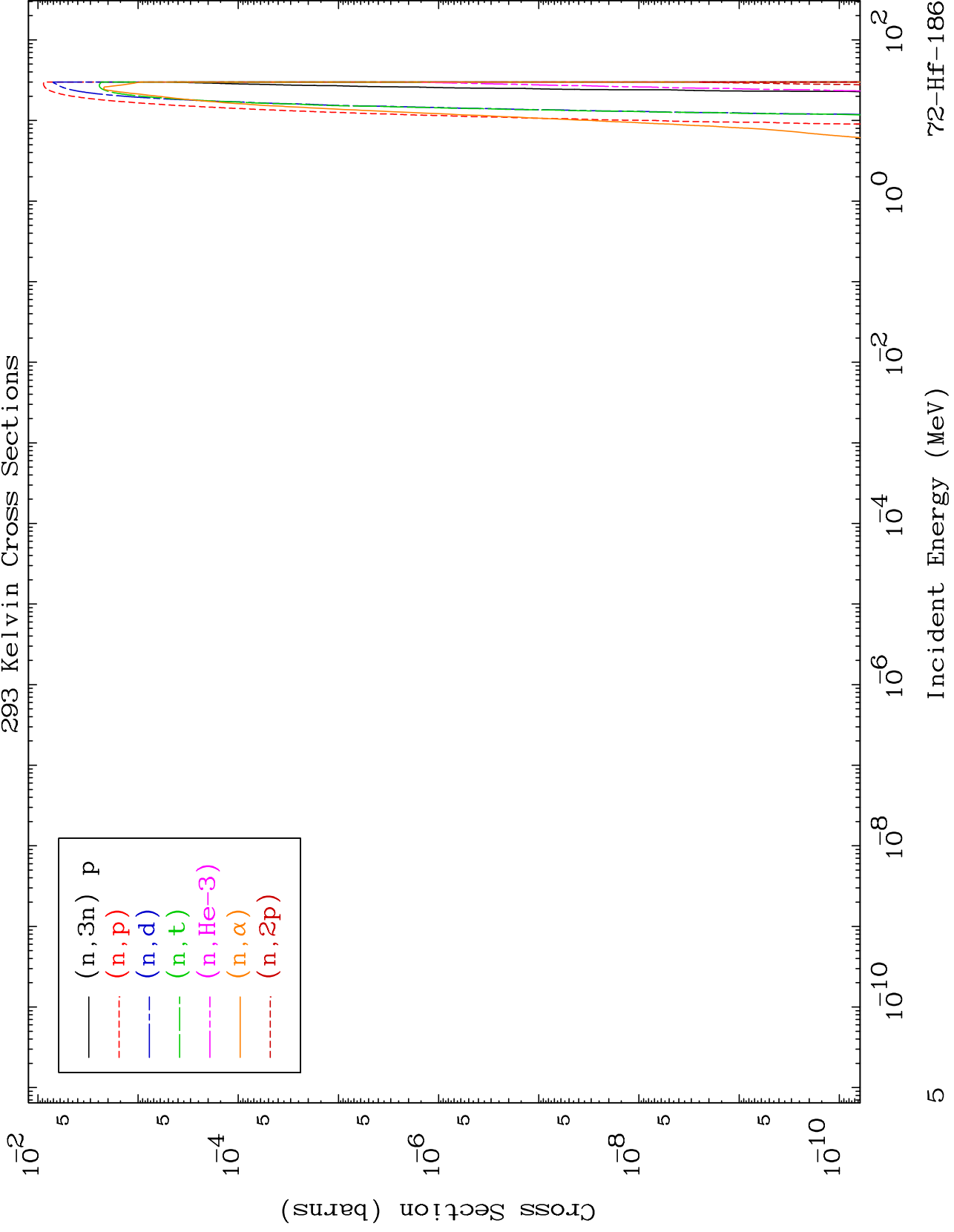
72-Hf-186



MAT 7261

Charged Particle
293 Kelvin Cross Sections

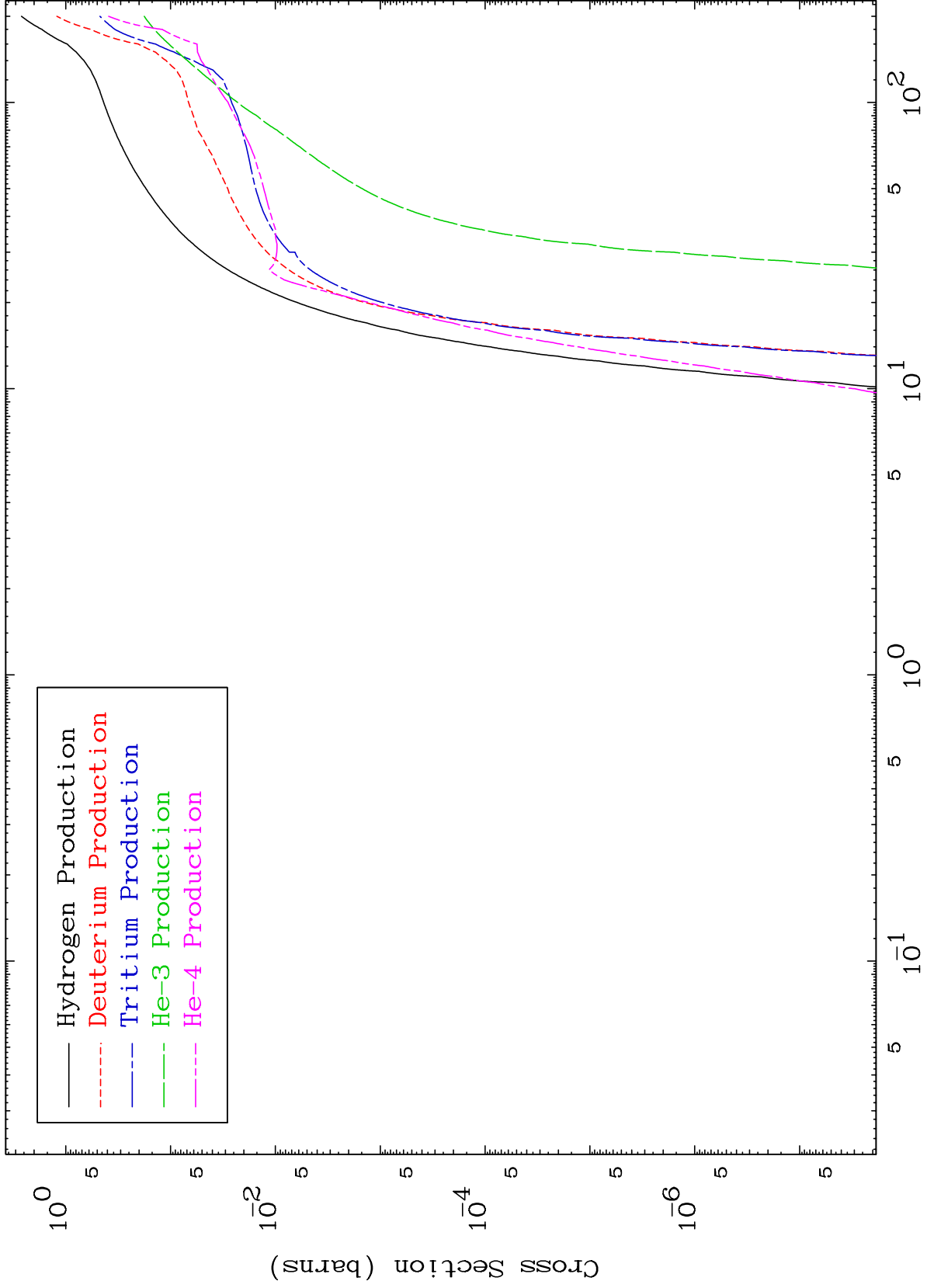
72-Hf-186



MAT 7261

Particle Production
293 Kelvin Cross Sections

72-Hf-186



6

Incident Energy (MeV)

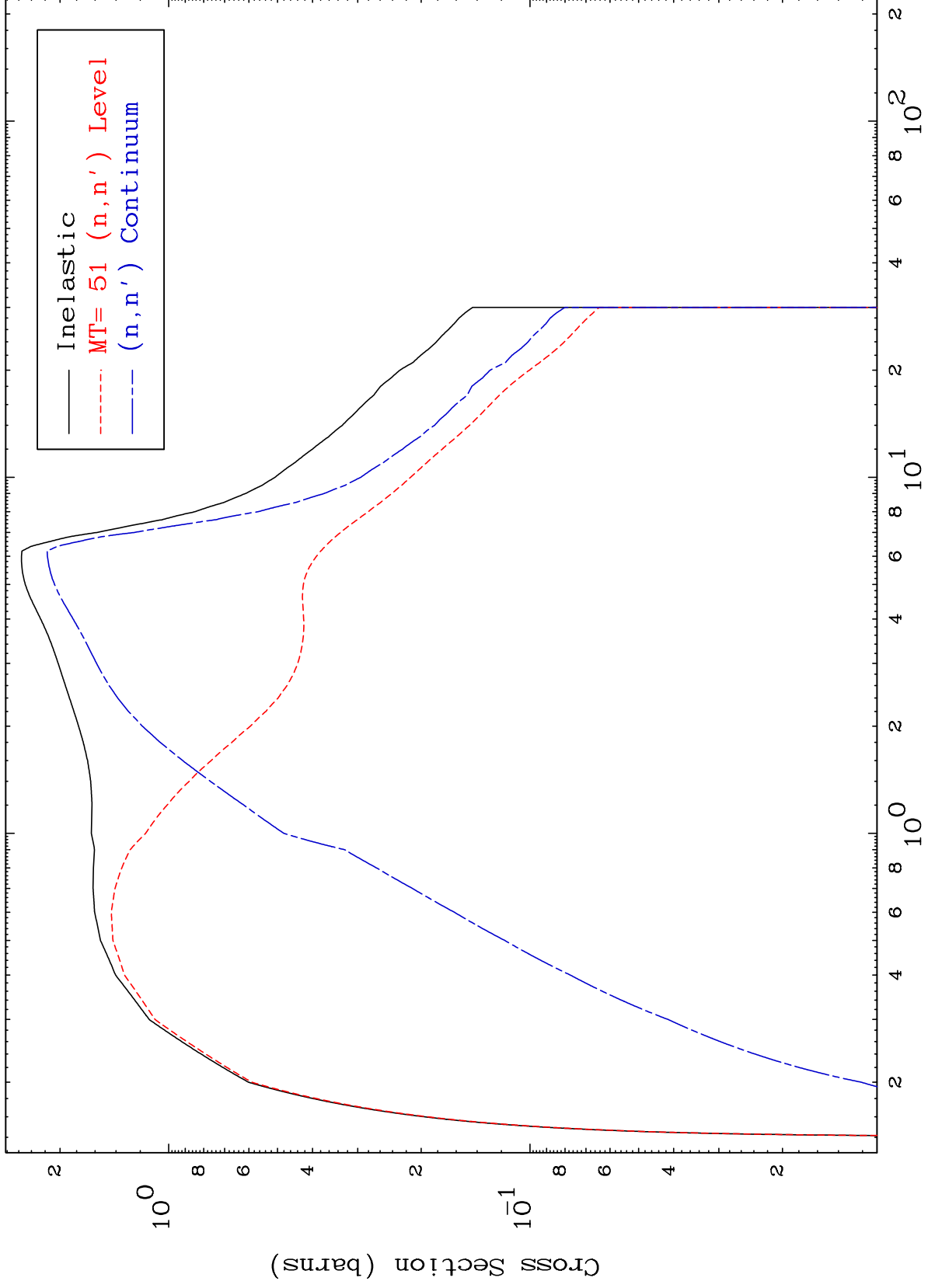
72-Hf-186

MAT 7261

(n,n') Level

72-Hf-186

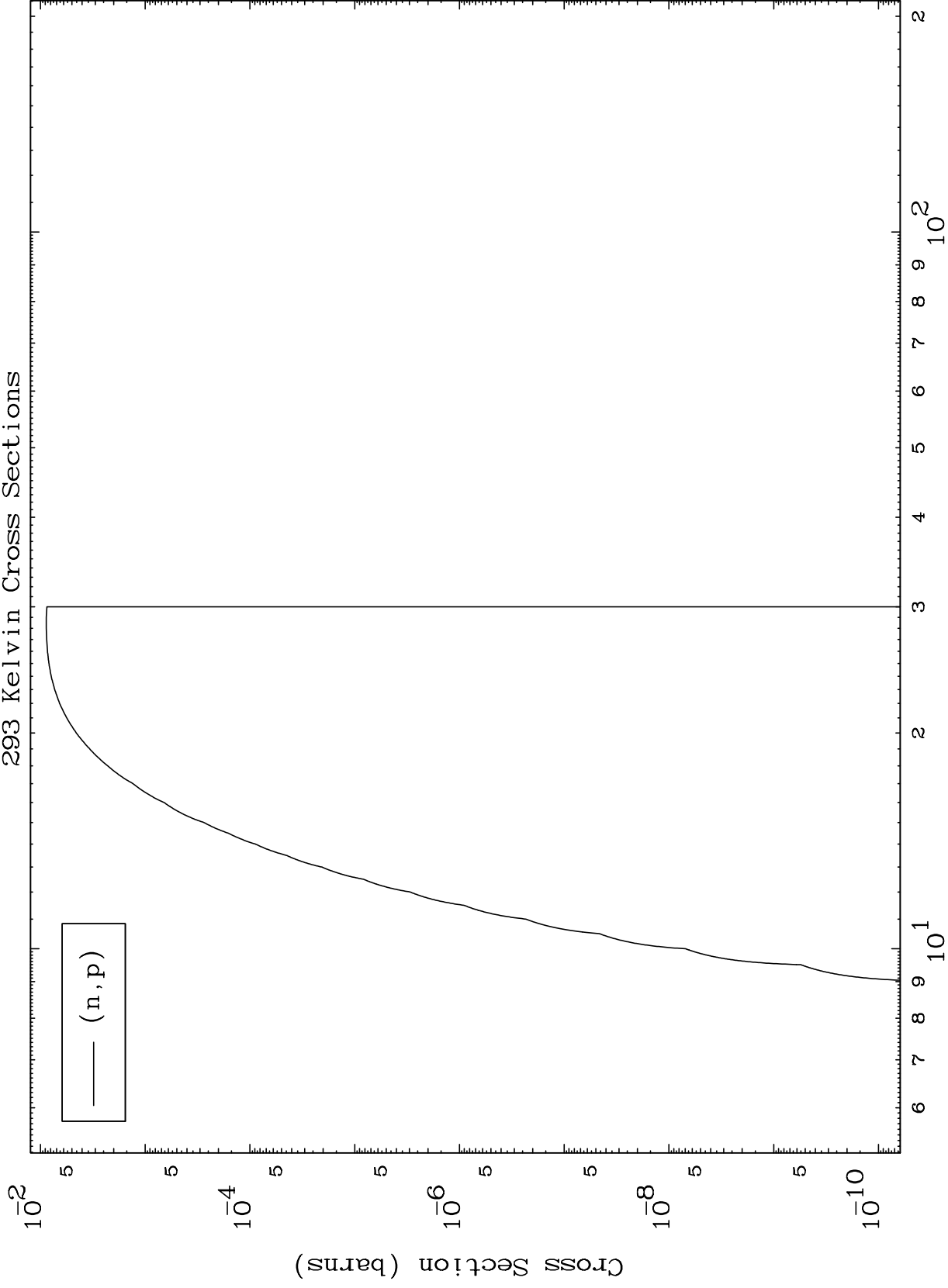
293 Kelvin Cross Sections



MAT 7261

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-186



8

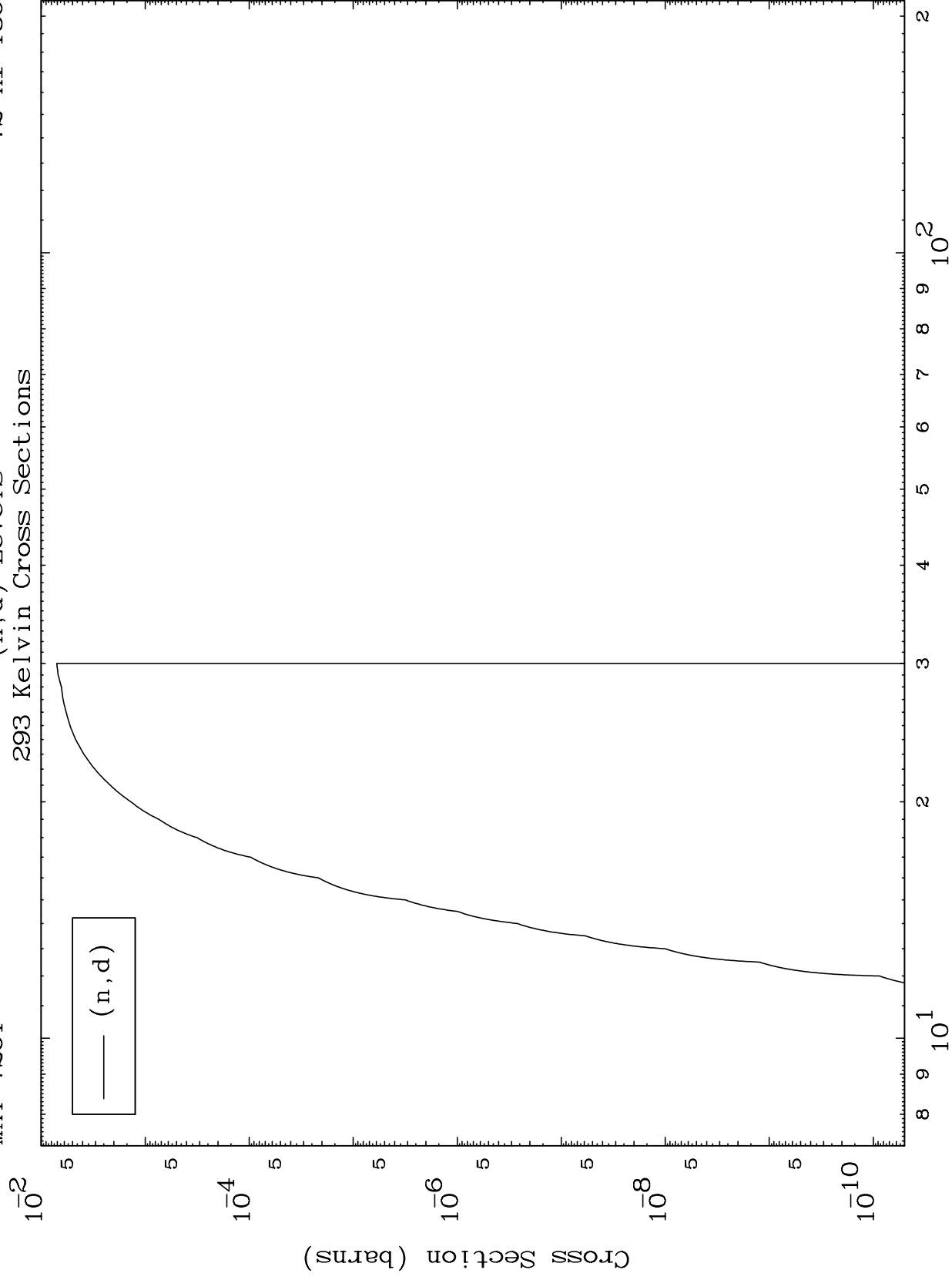
Incident Energy (MeV)

72-Hf-186

MAT 7261

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-186



9

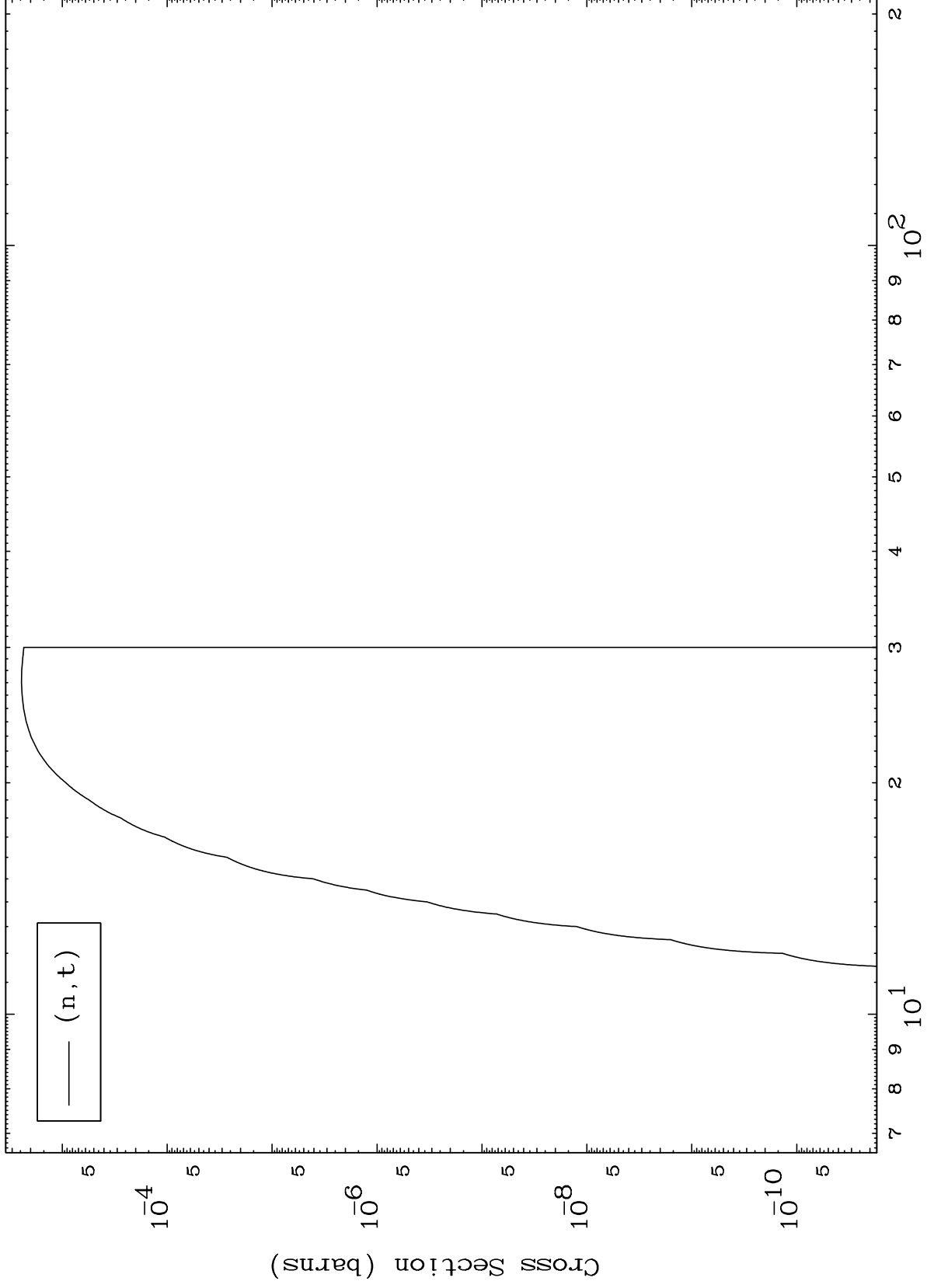
Incident Energy (MeV)

72-Hf-186

MAT 7261

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-186



10

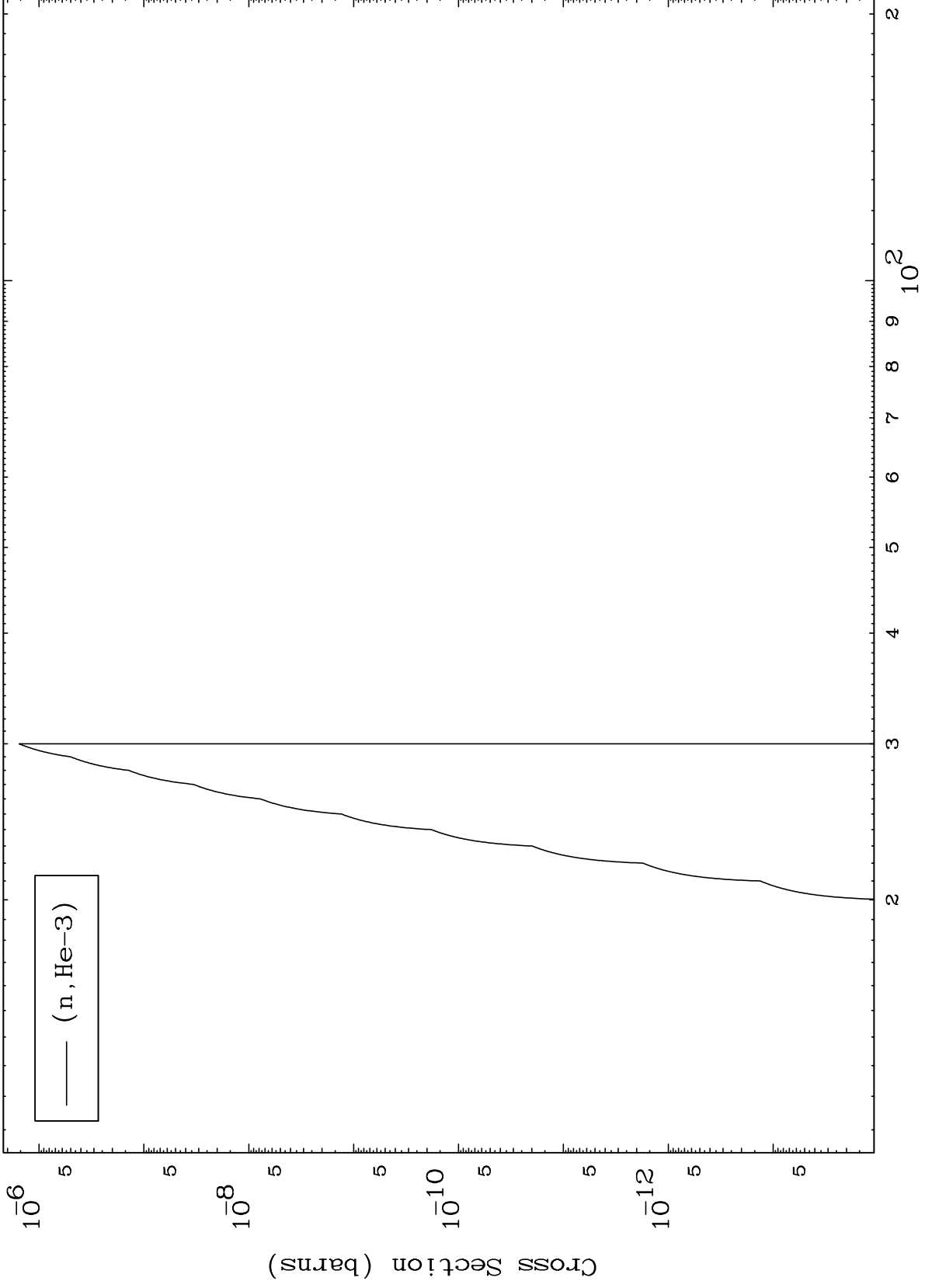
Incident Energy (MeV)

72-Hf-186

MAT 7261

(n,He3) Levels
293 Kelvin Cross Sections

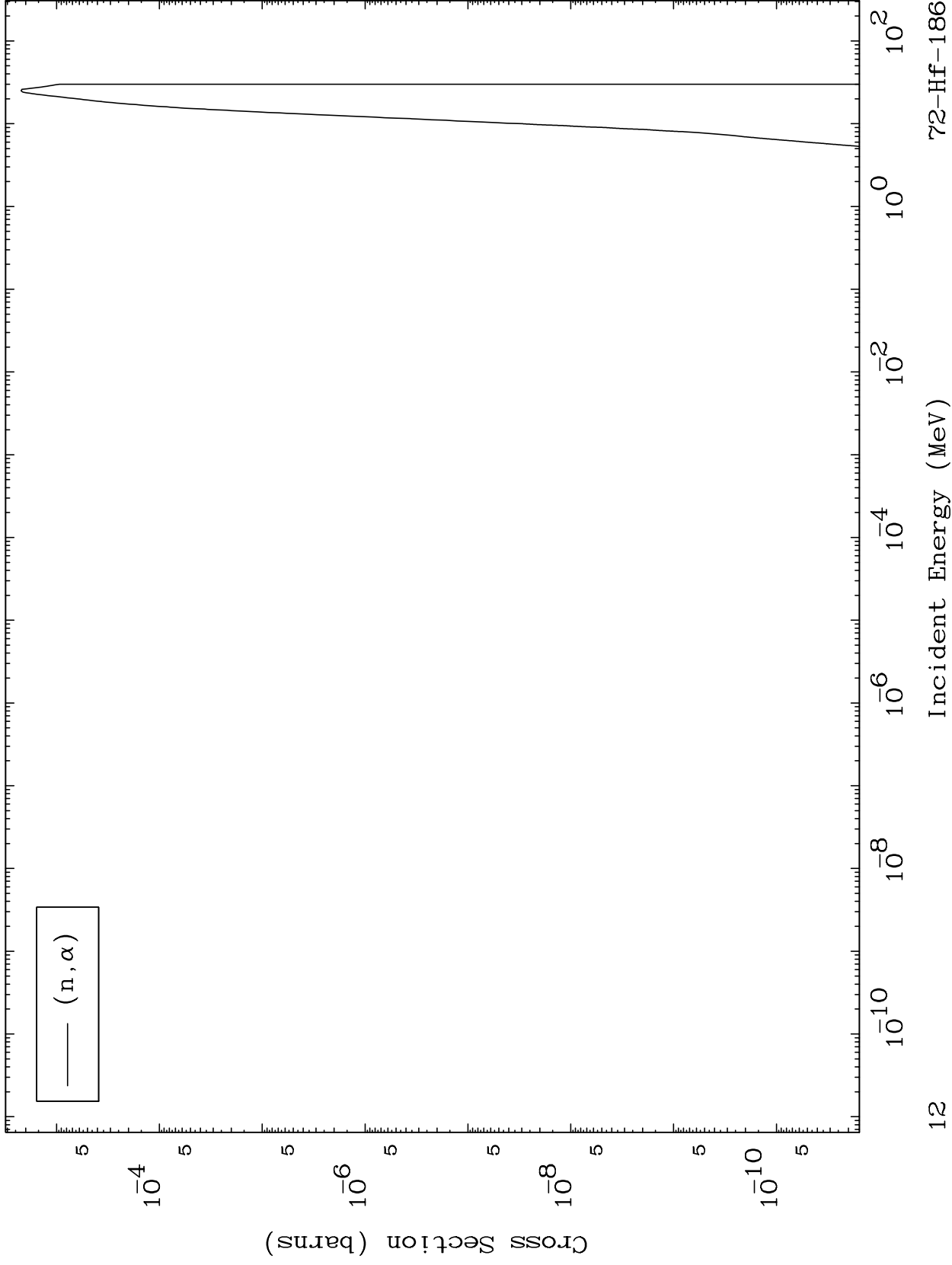
72-Hf-186

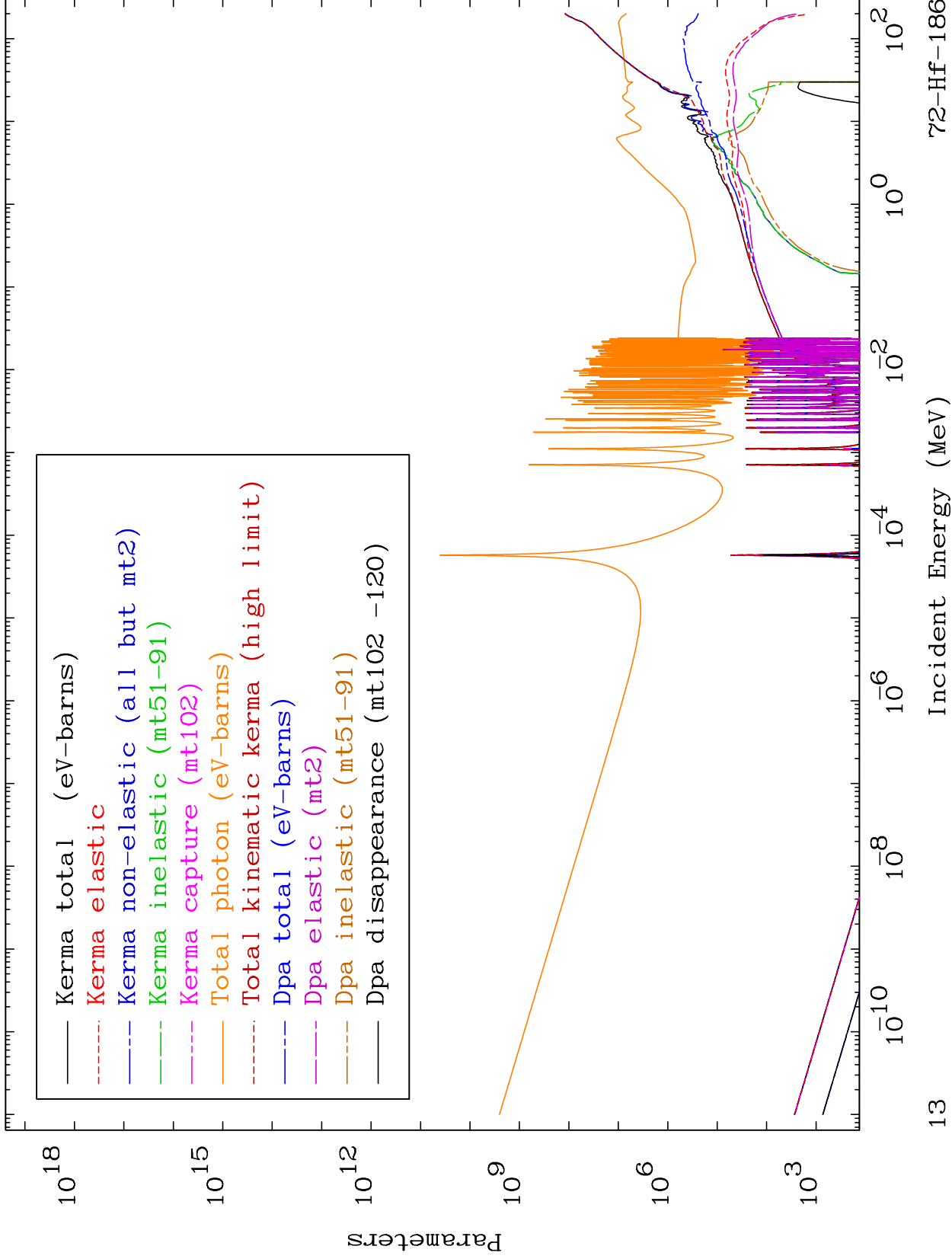


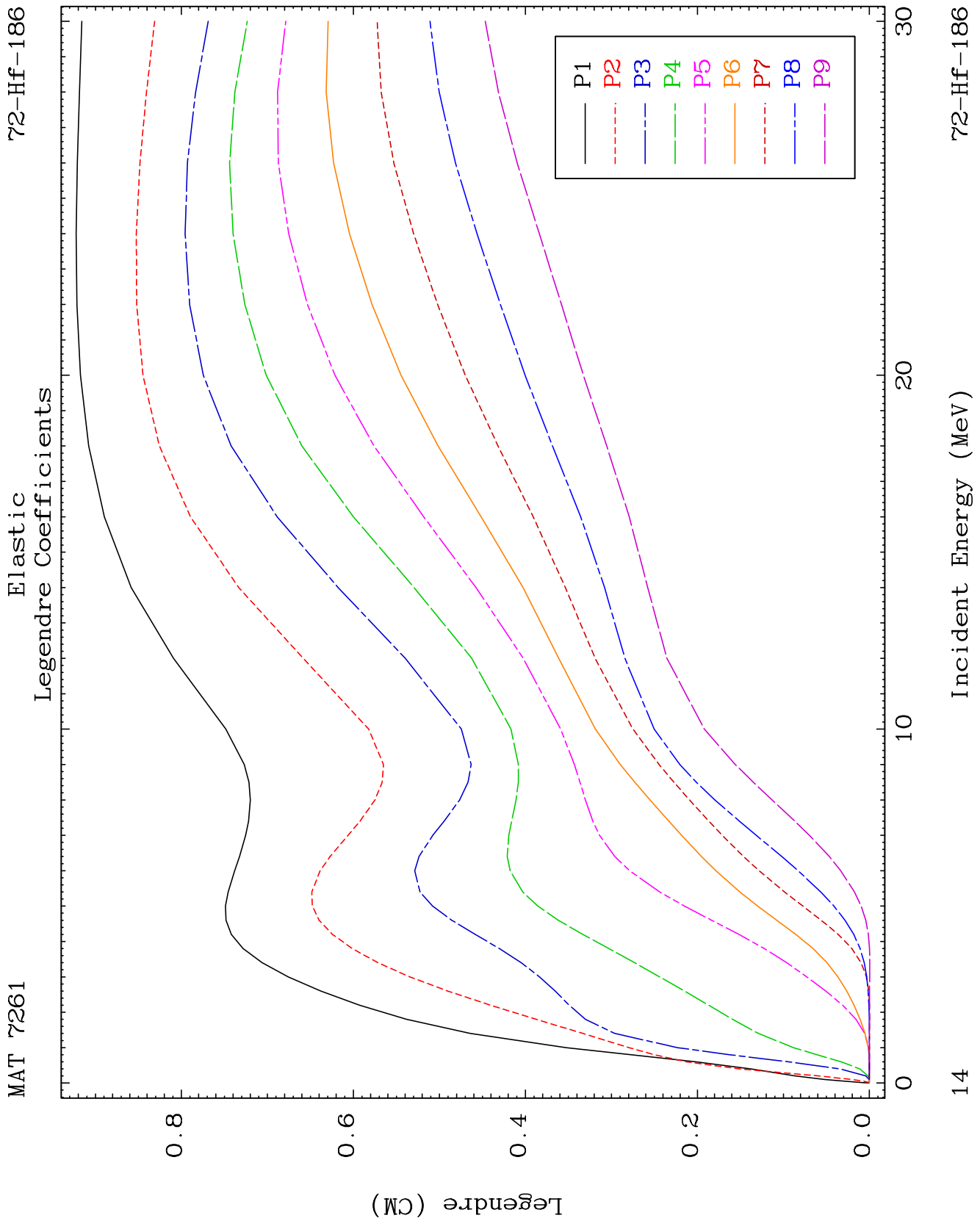
MAT 7261

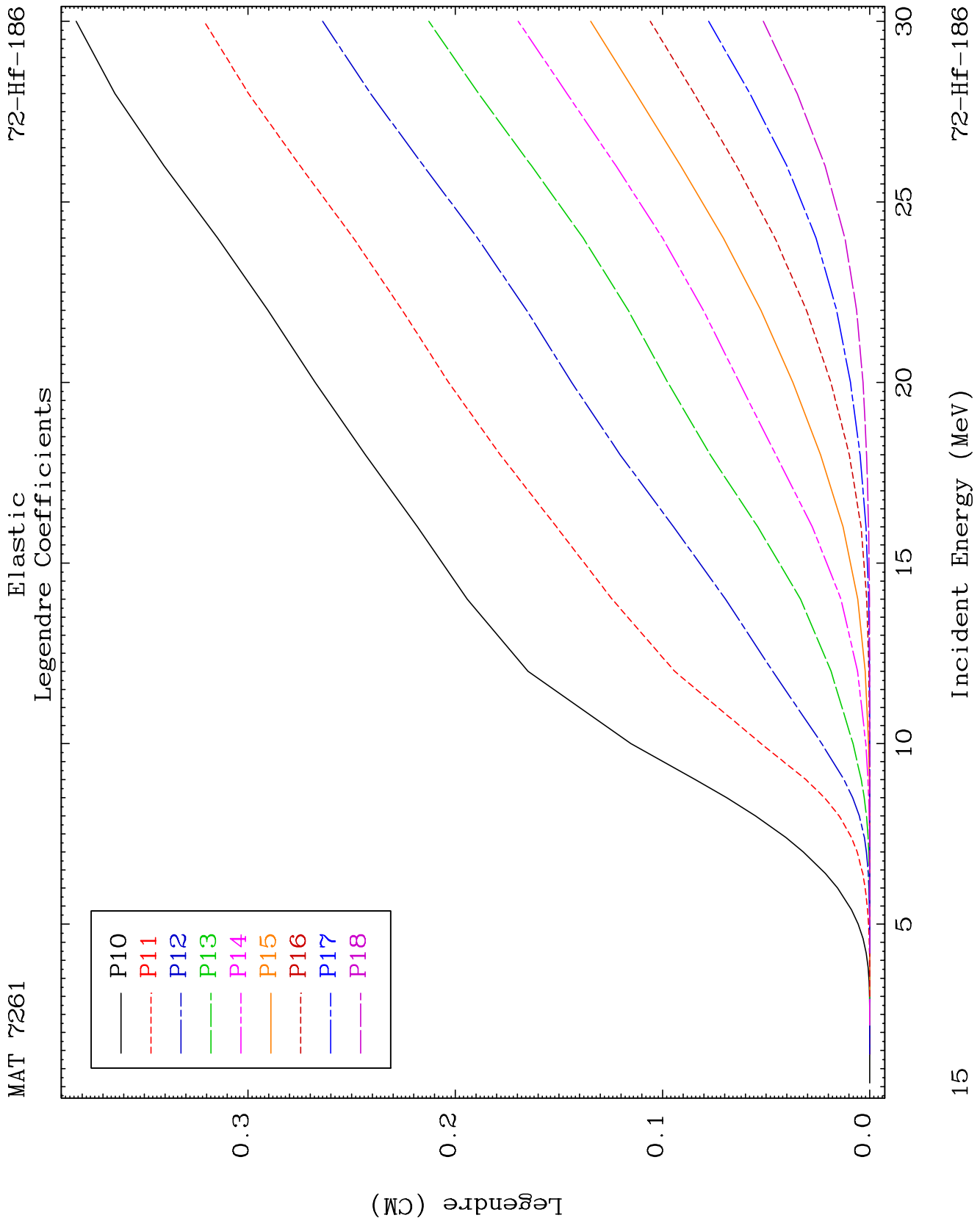
(n, α) Levels
293 Kelvin Cross Sections

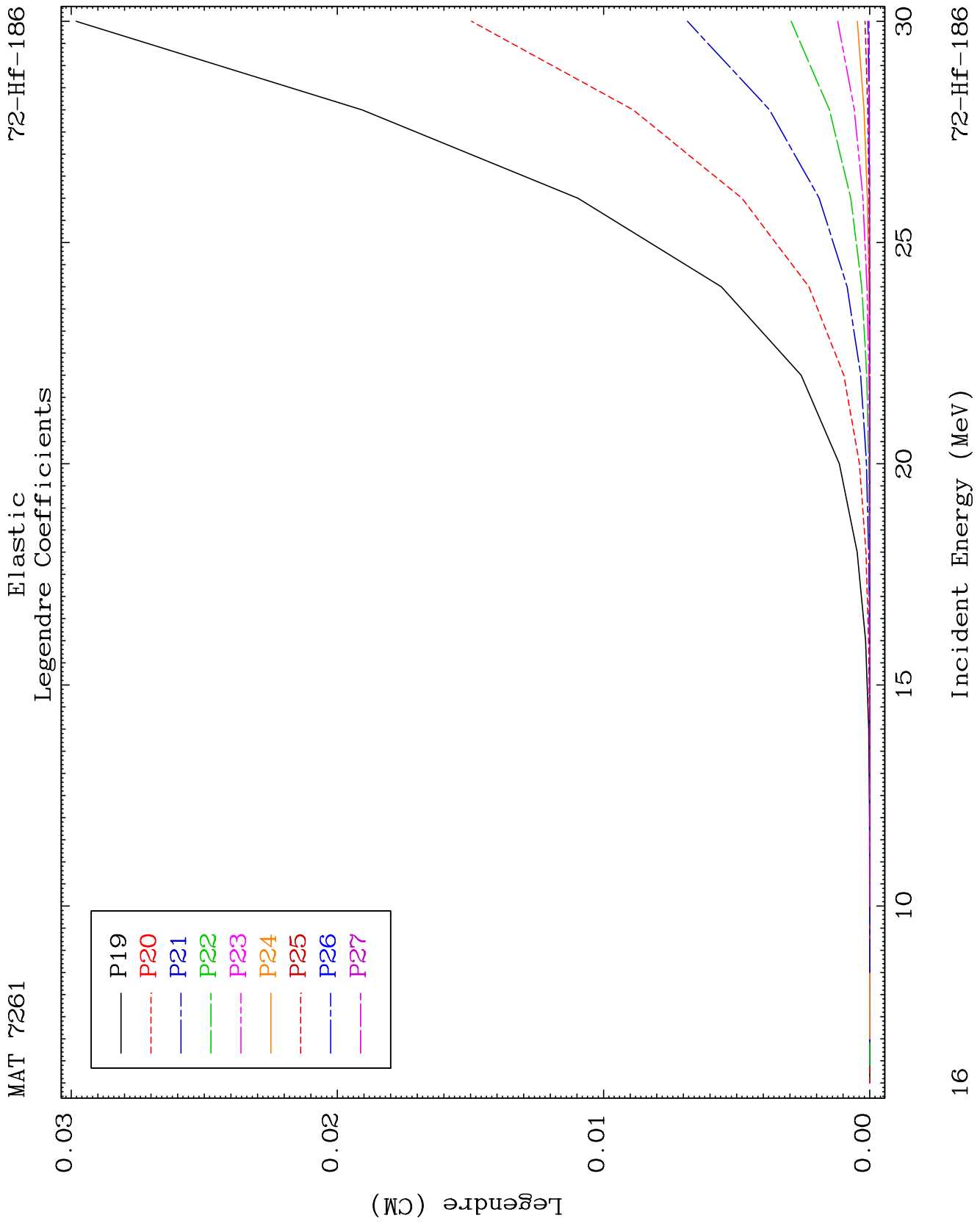
72-Hf-186











MAT 7261

Elastic Legendre Coefficients

72-Hf-186

16

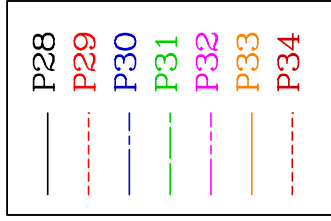
Incident Energy (MeV)

72-Hf-186

MAT 7261

Elastic
Legendre Coefficients

72-Hf-186



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

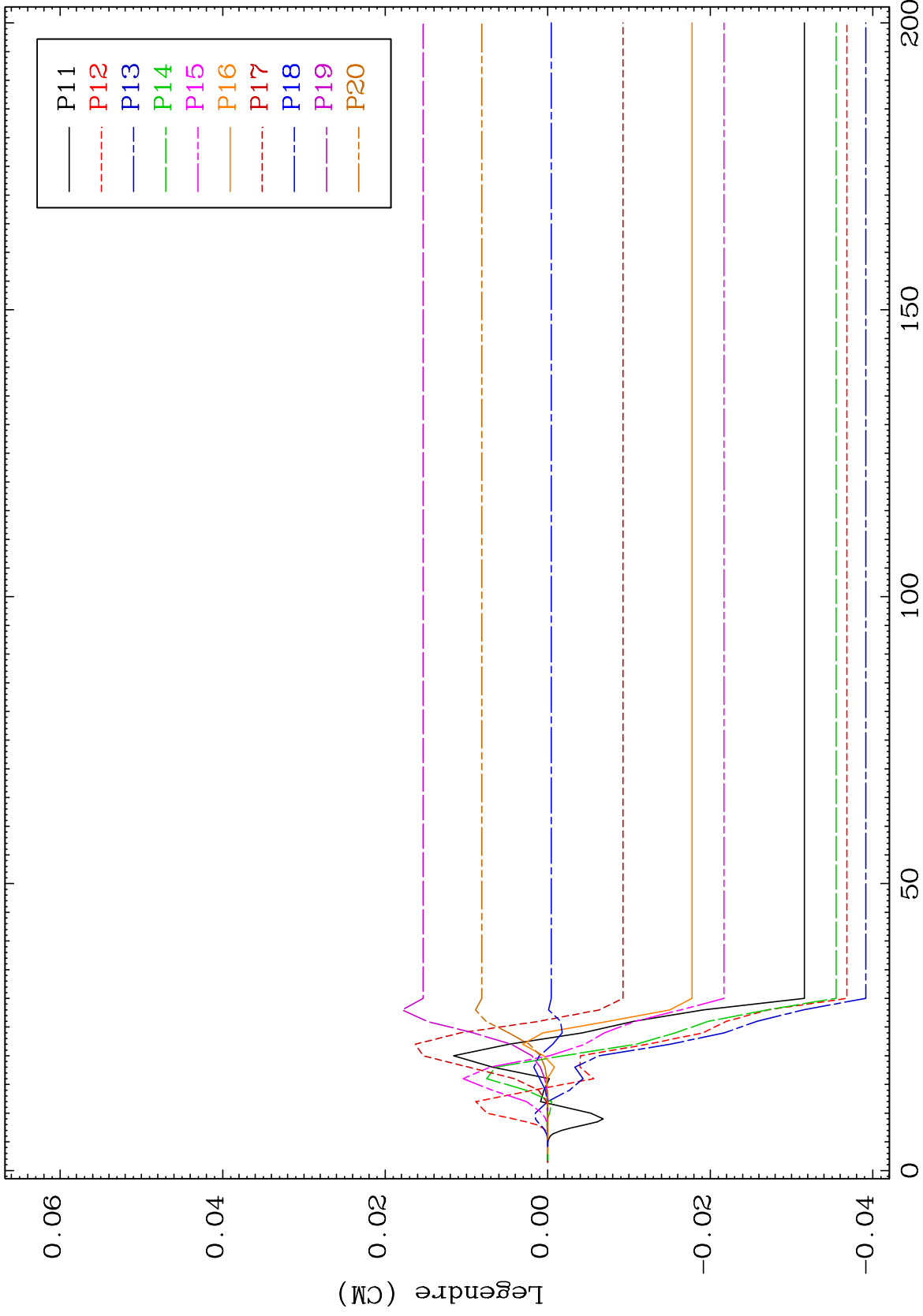
25

30

10

Incident Energy (MeV)

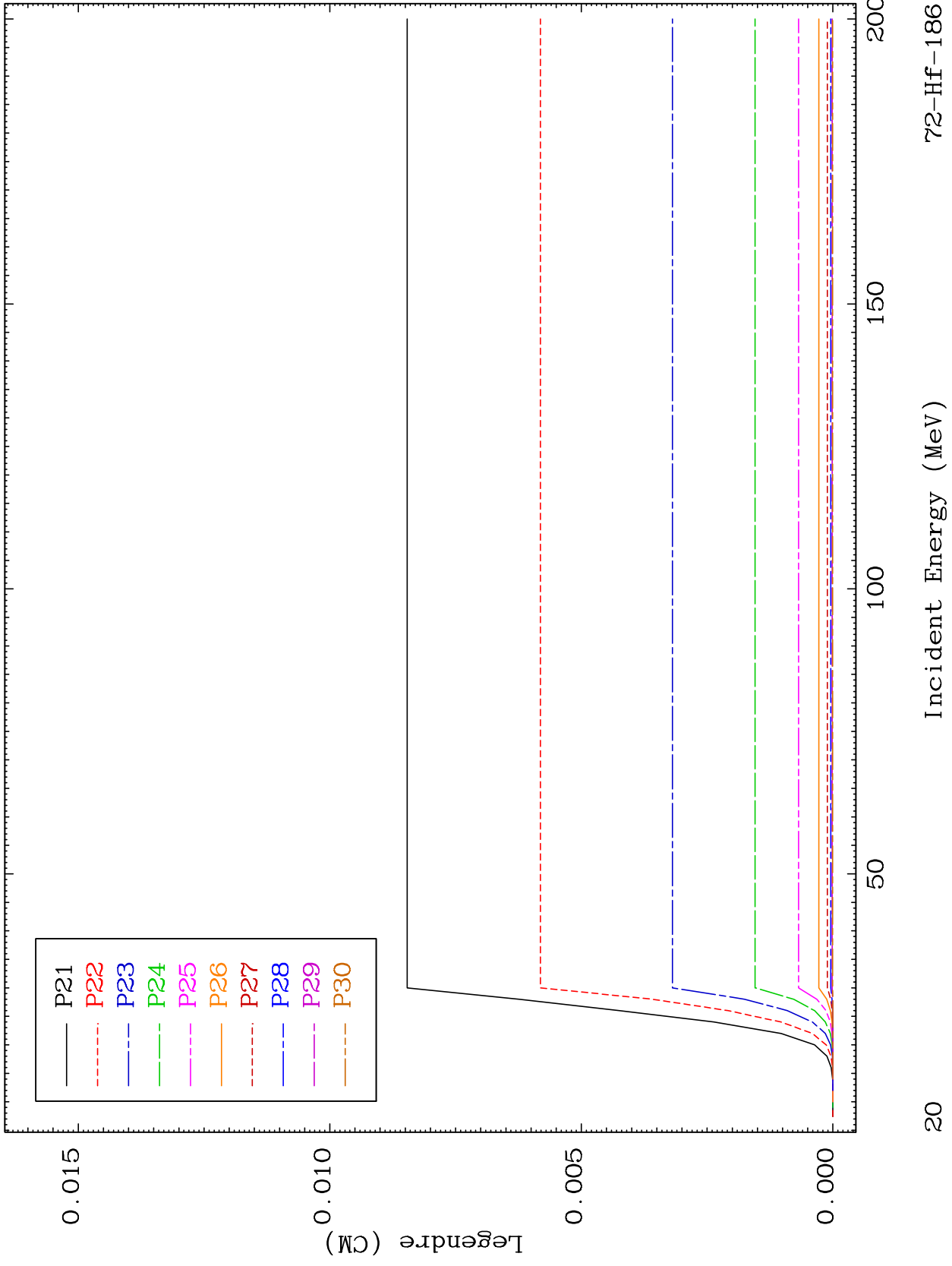
72-Hf-186



MAT 7261

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

72-Hf-186



20

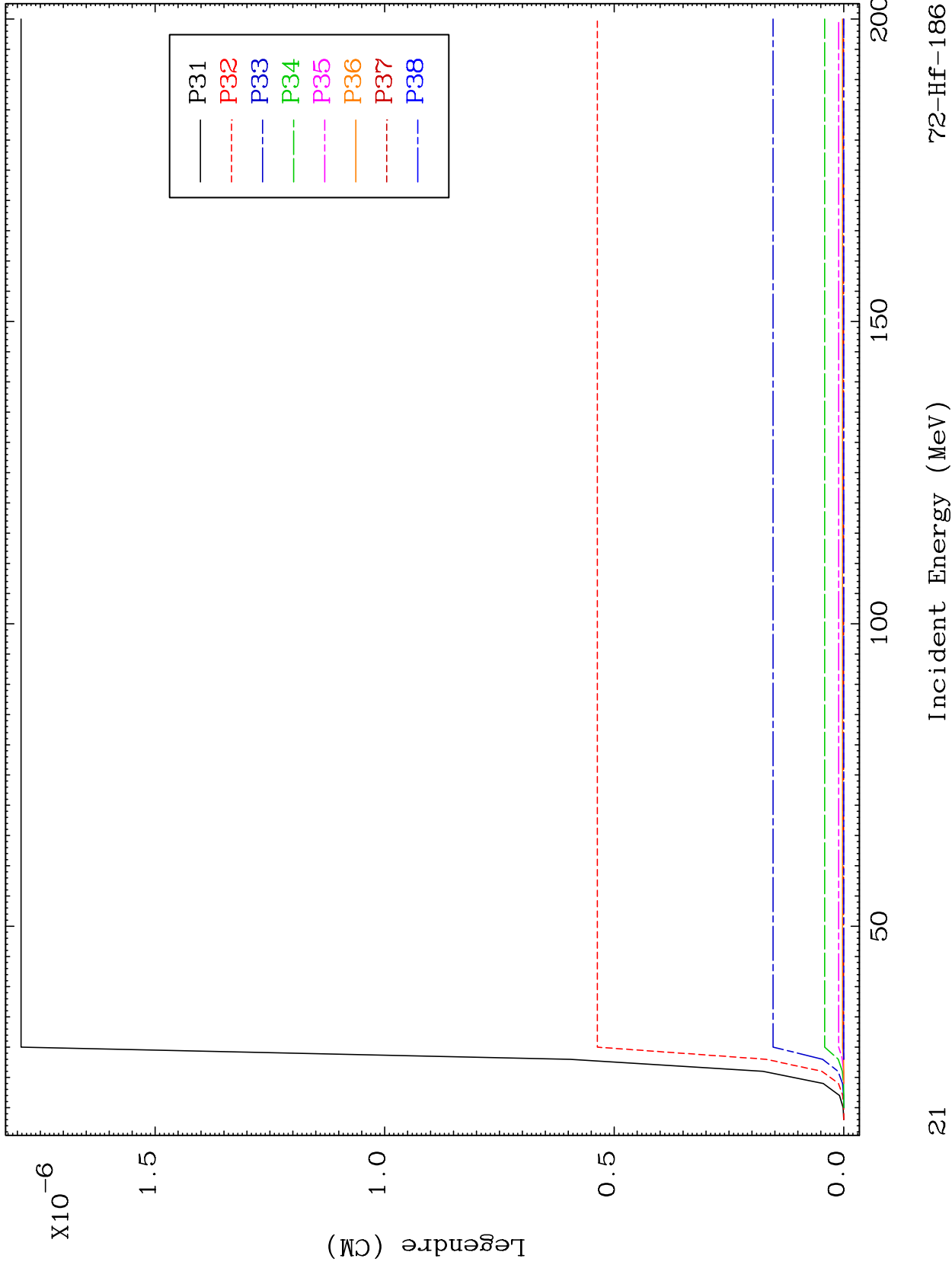
Incident Energy (MeV)

72-Hf-186

MAT 7261

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

72-Hf-186

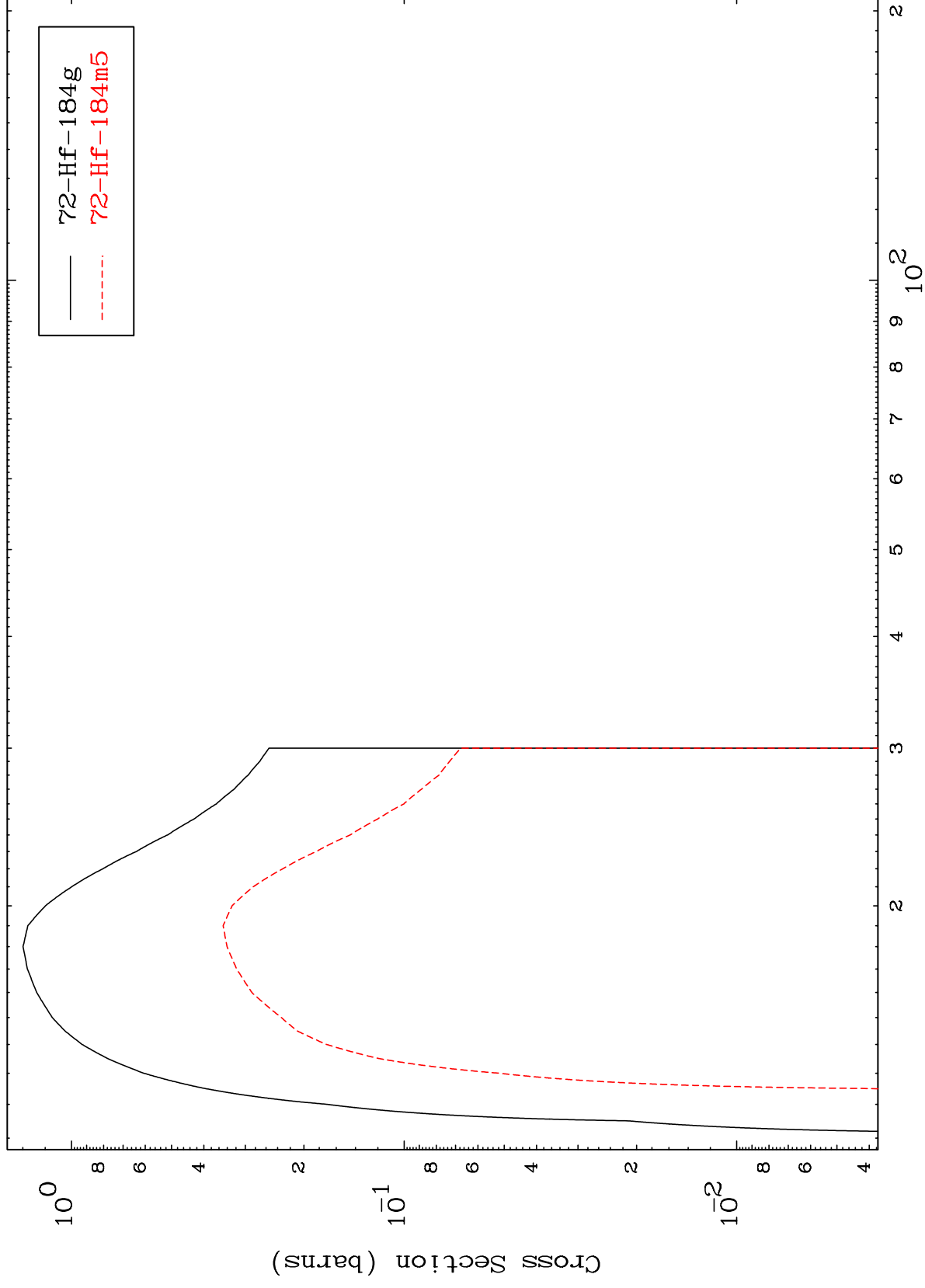


21

MAT 7261

72-Hf-186

(n,3n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

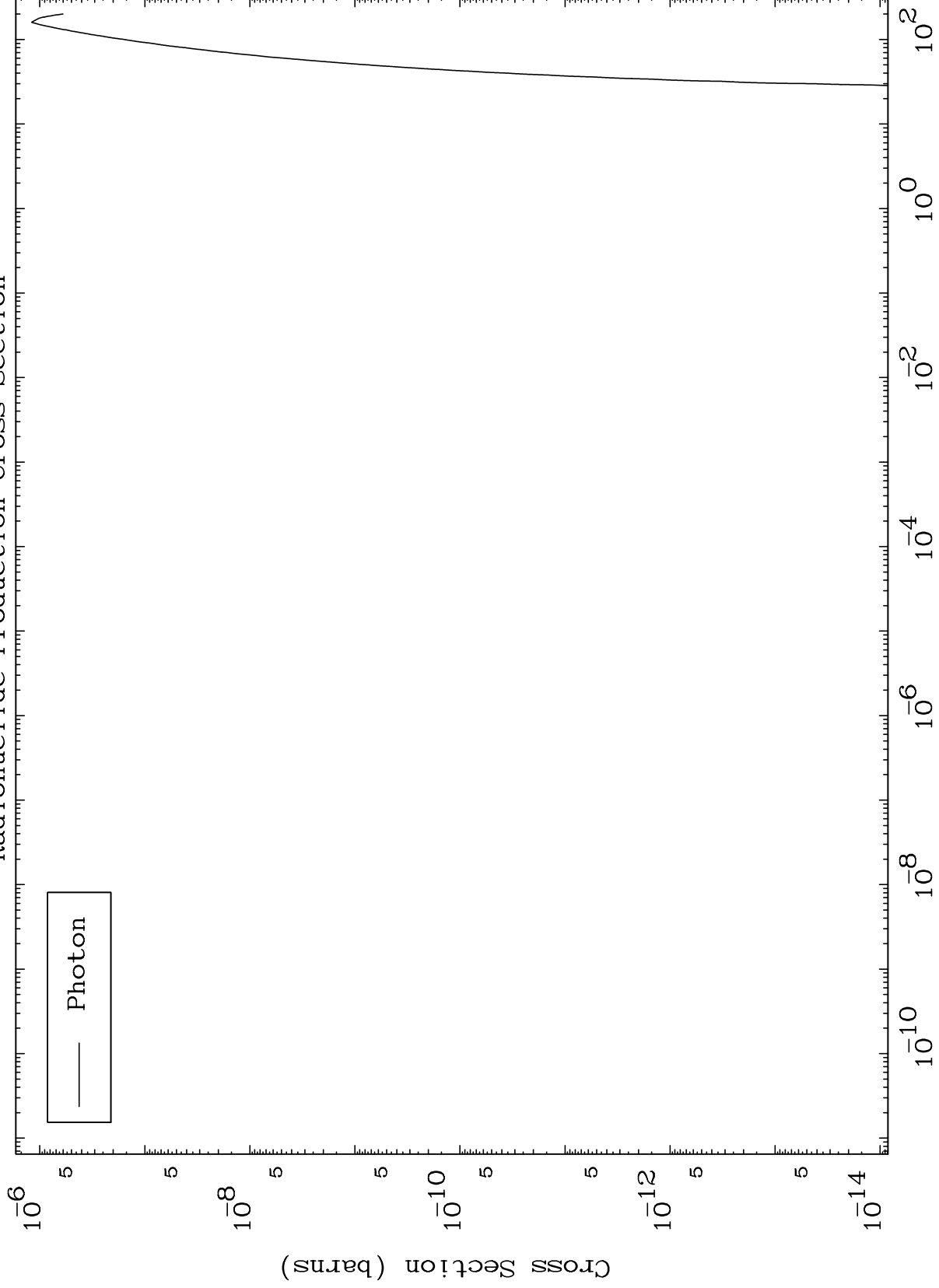
72-Hf-186

MAT 7261

Fission

72-Hf-186

Radionuclide Production Cross Section



23

Incident Energy (MeV)

72-Hf-186