

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

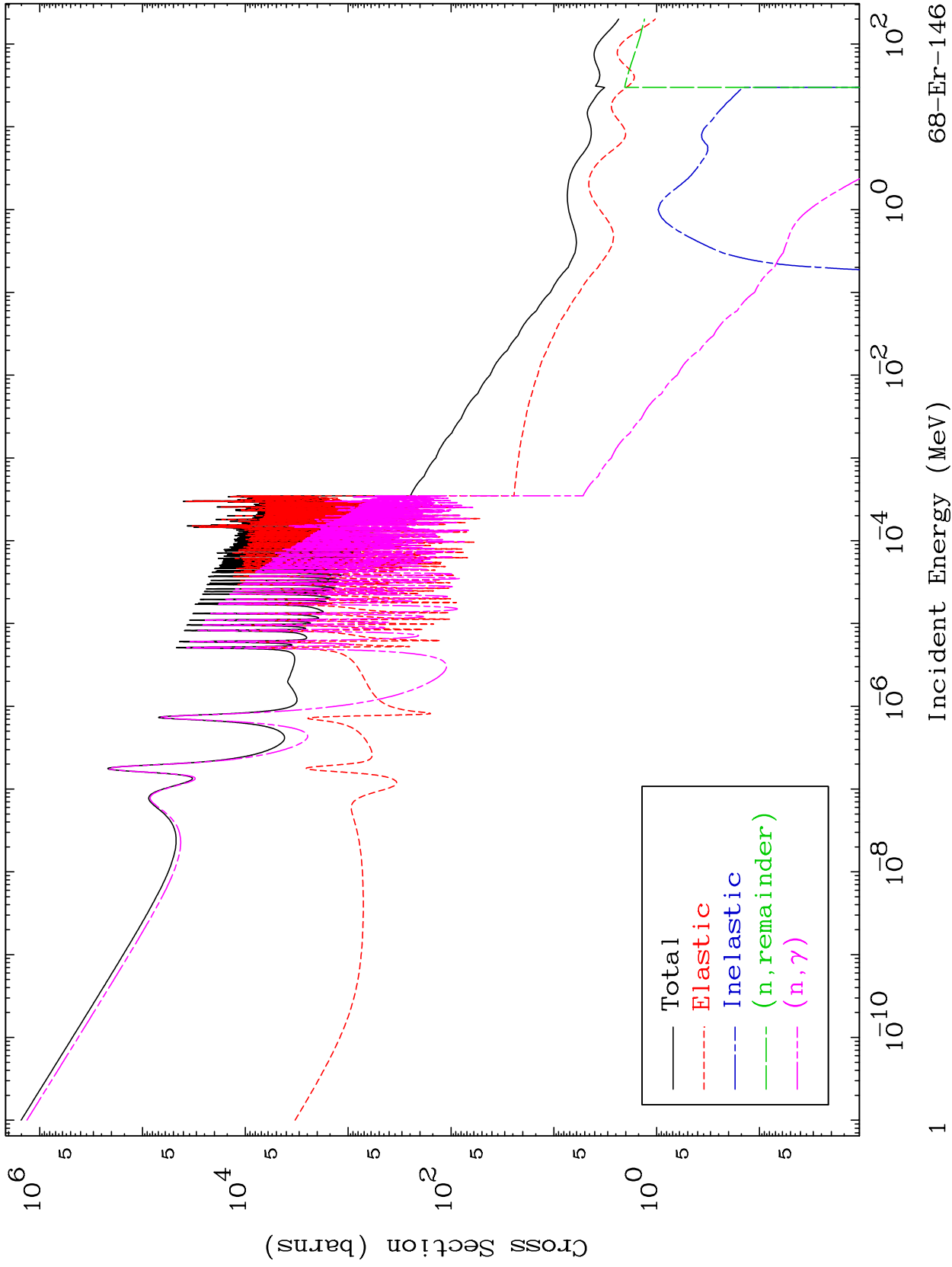
Press Mouse Button to Start

MAT 6777

Major

293 Kelvin Cross Sections

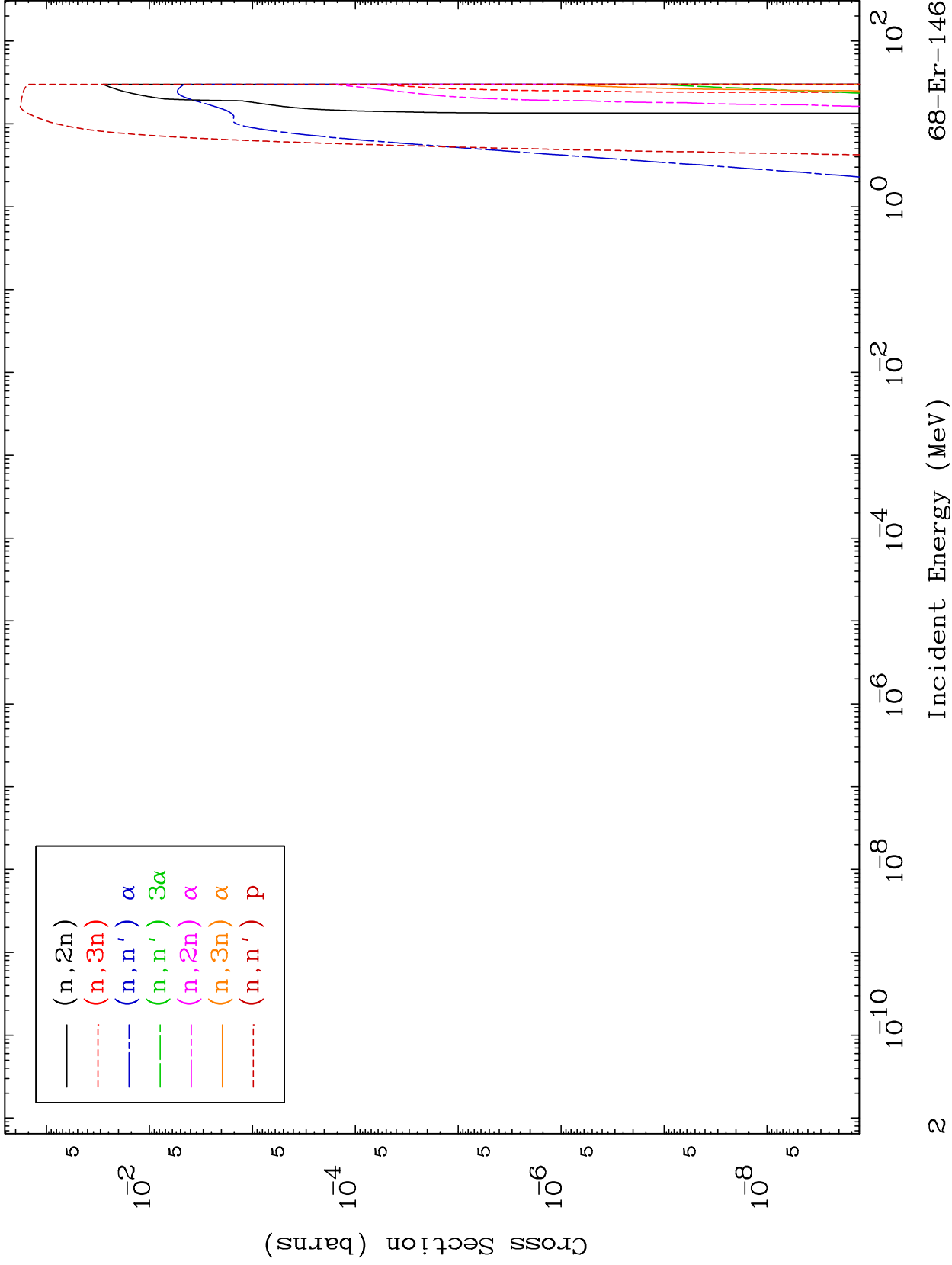
68-Er-146



MAT 6777

Neutron Production
293 Kelvin Cross Sections

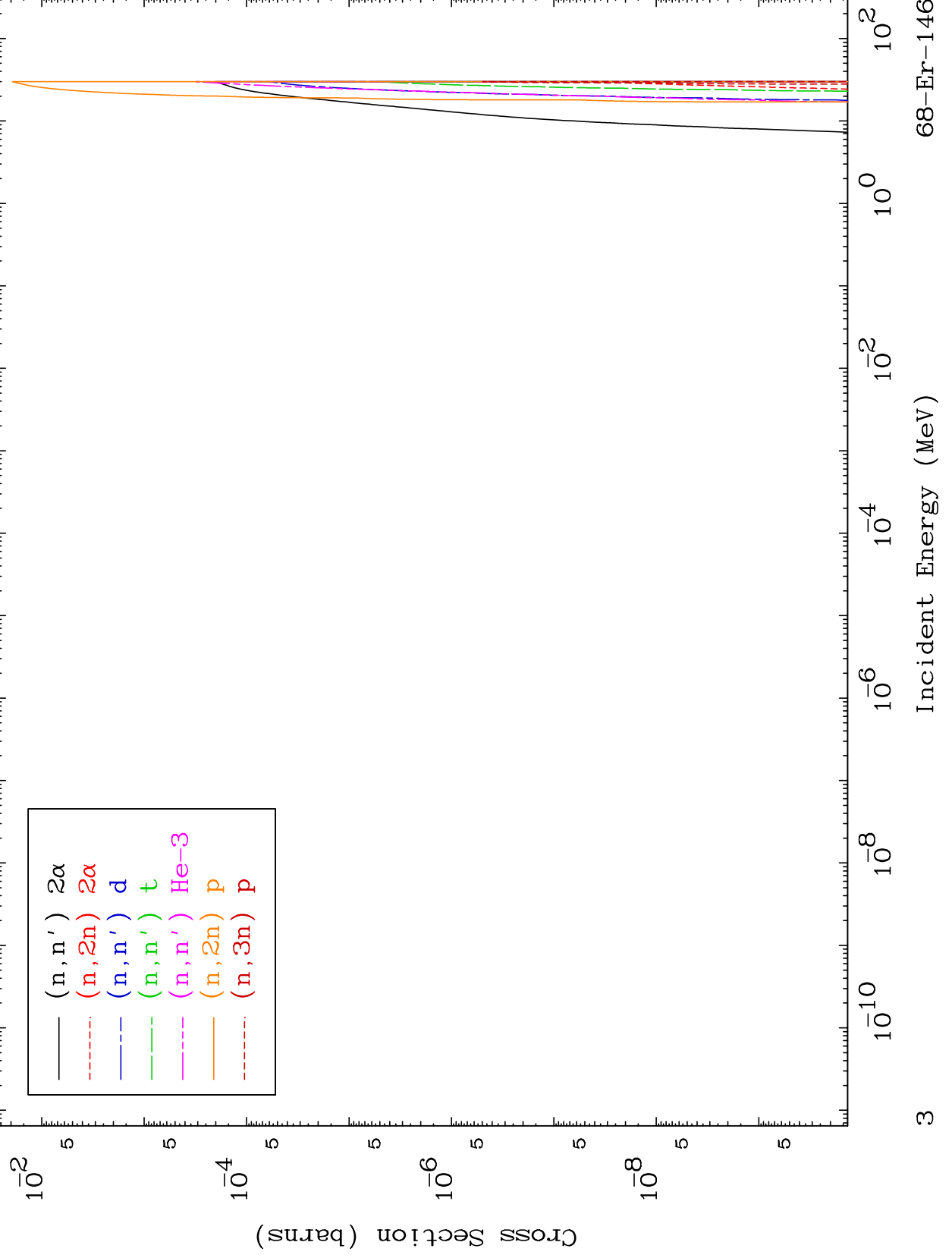
68-Er-146



MAT 6777

Neutron Production
293 Kelvin Cross Sections

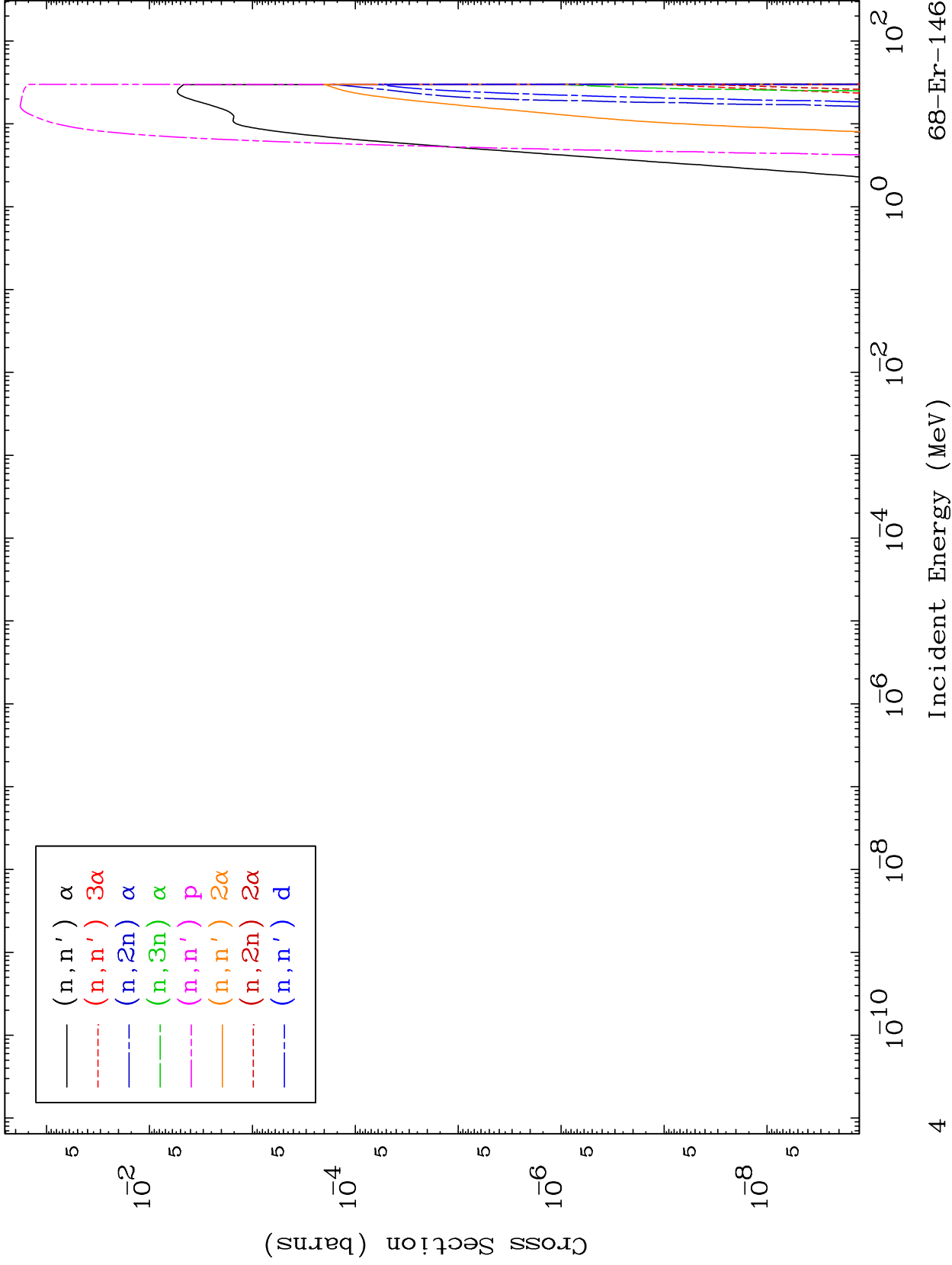
68-Er-146



MAT 6777

Charged Particle
293 Kelvin Cross Sections

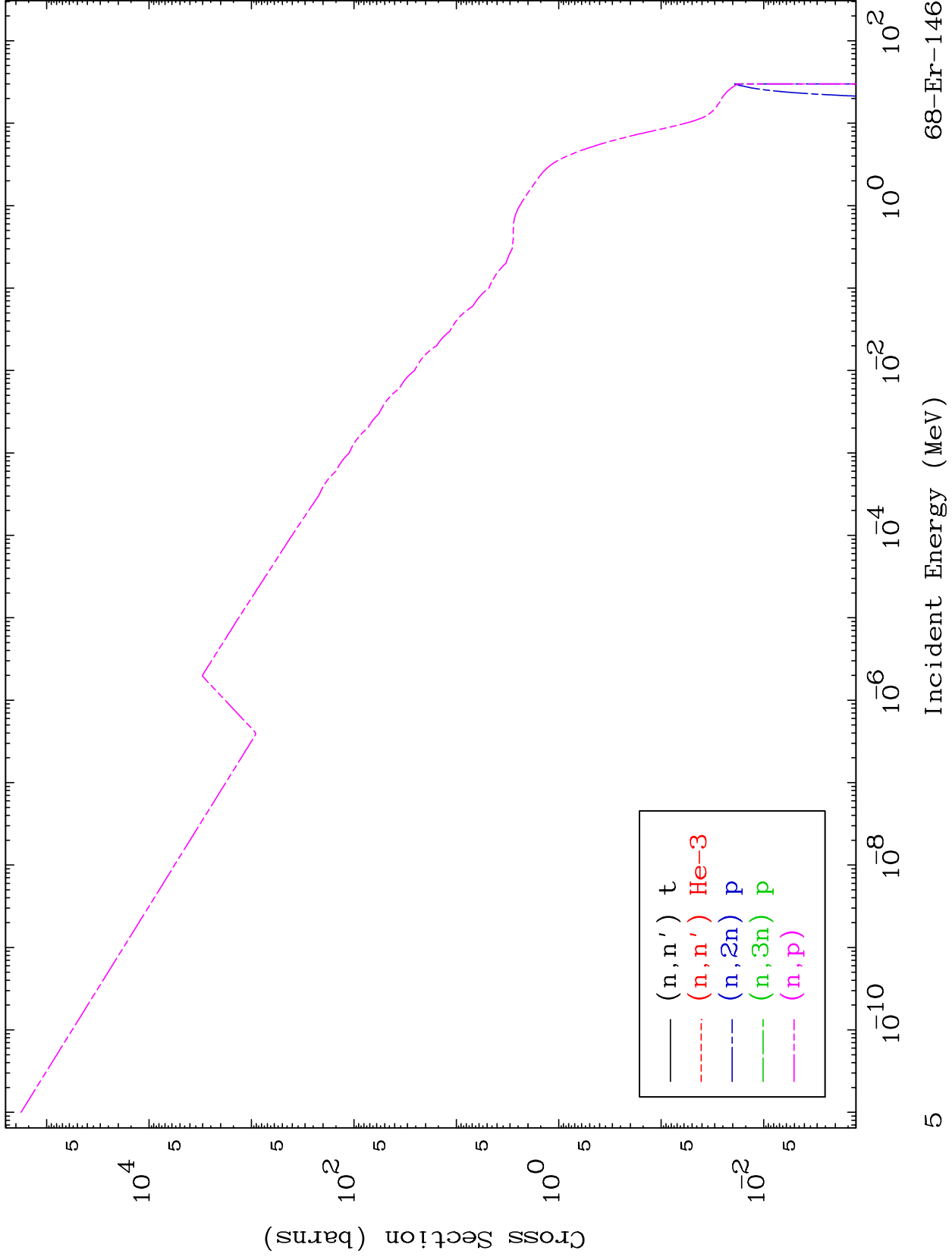
68-Er-146



MAT 6777

Charged Particle
293 Kelvin Cross Sections

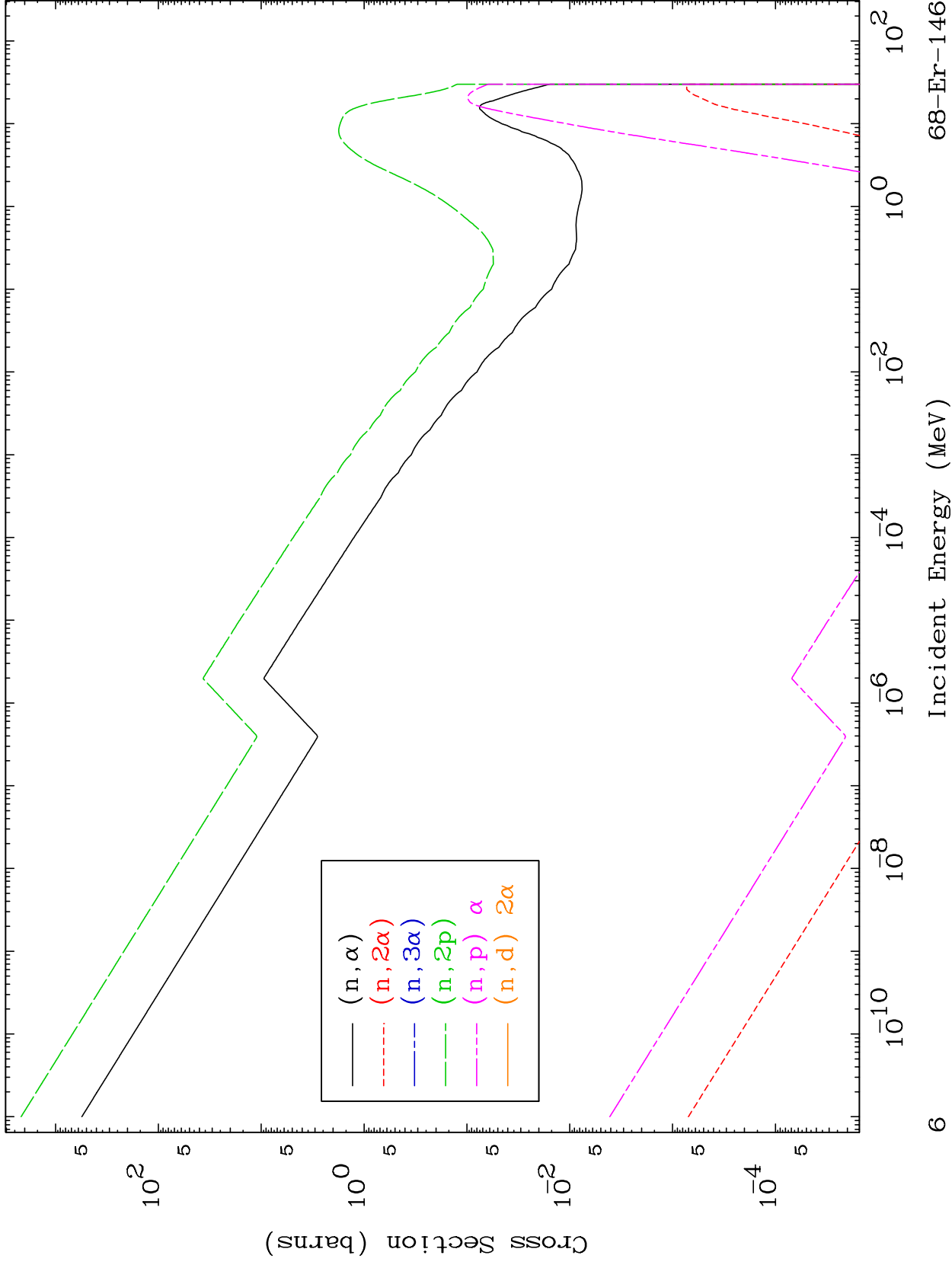
68-Er-146

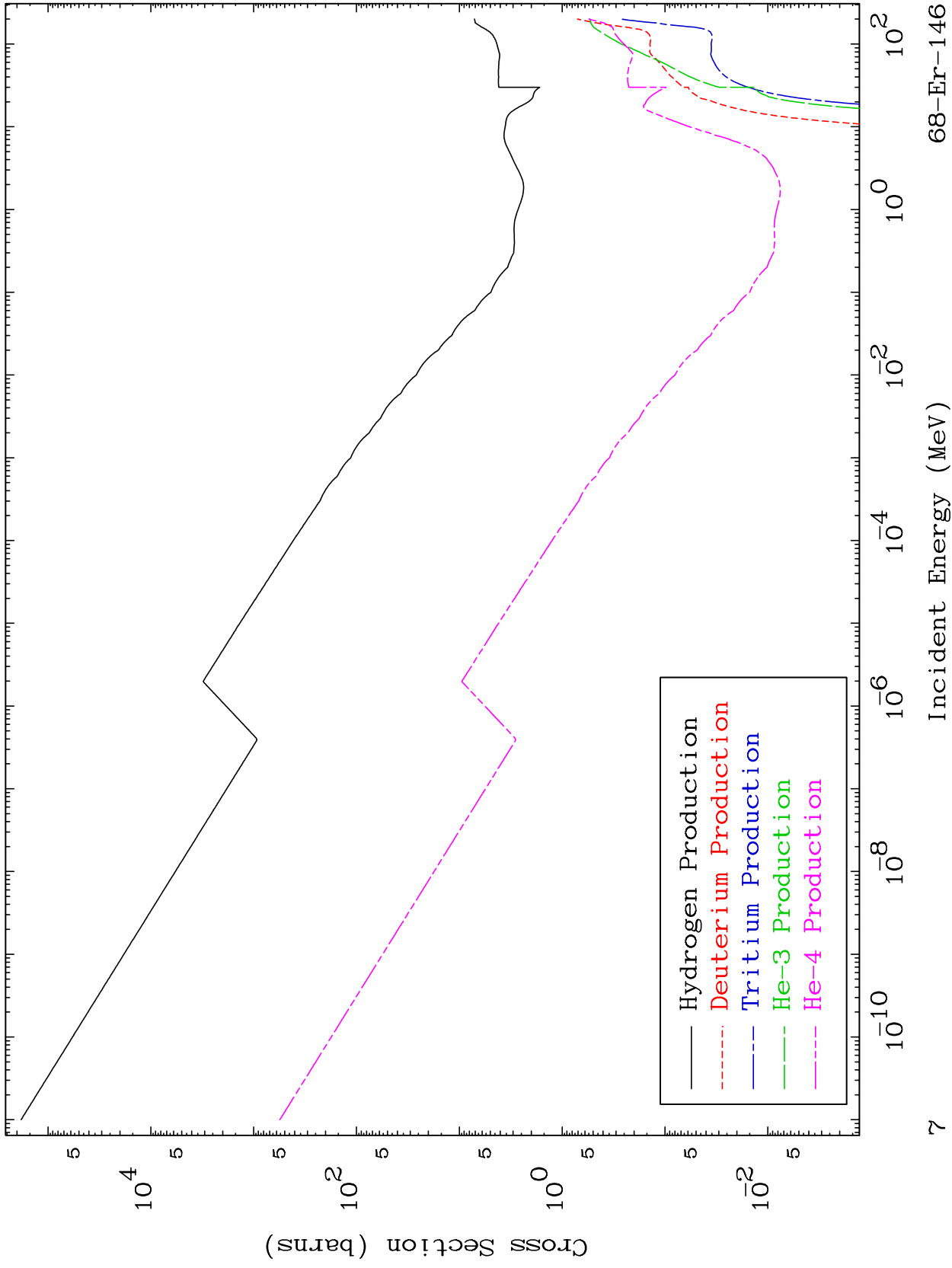


MAT 6777

Charged Particle
293 Kelvin Cross Sections

68-Er-146



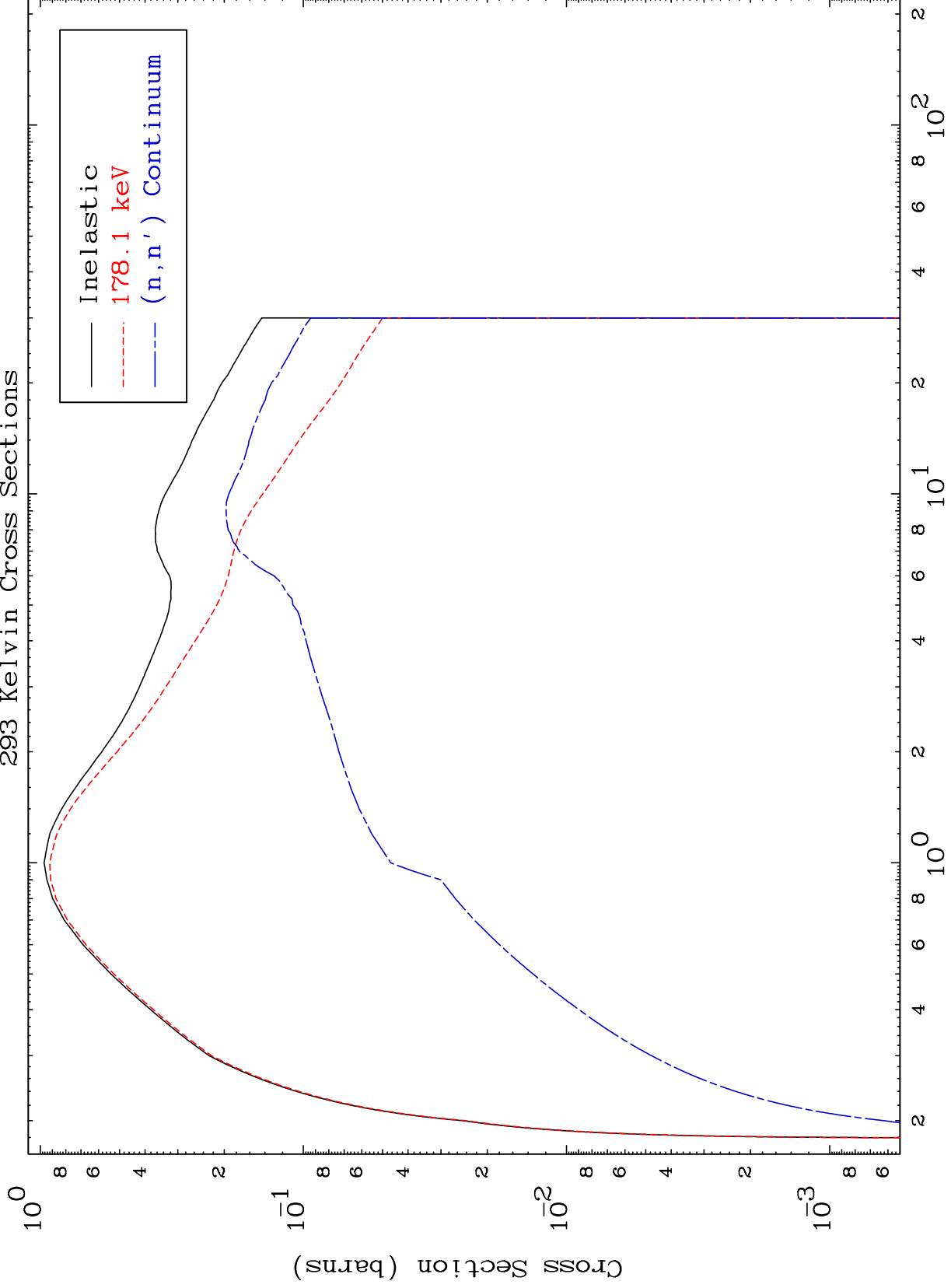


MAT 6777

(n,n') Level

68-Er-146

293 Kelvin Cross Sections



8

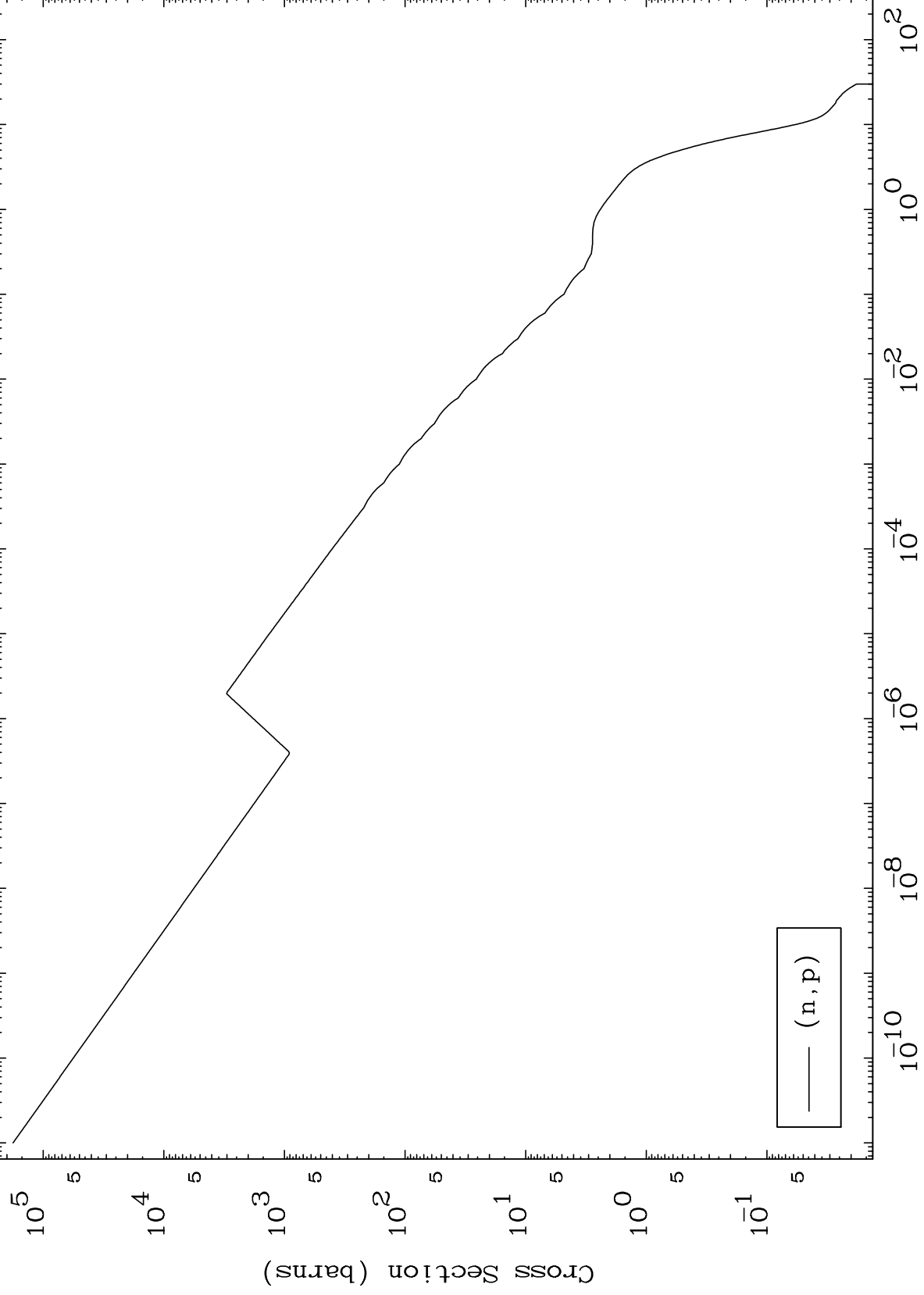
Incident Energy (MeV)

68-Er-146

MAT 6777

(n,p) Levels
293 Kelvin Cross Sections

68-Er-146

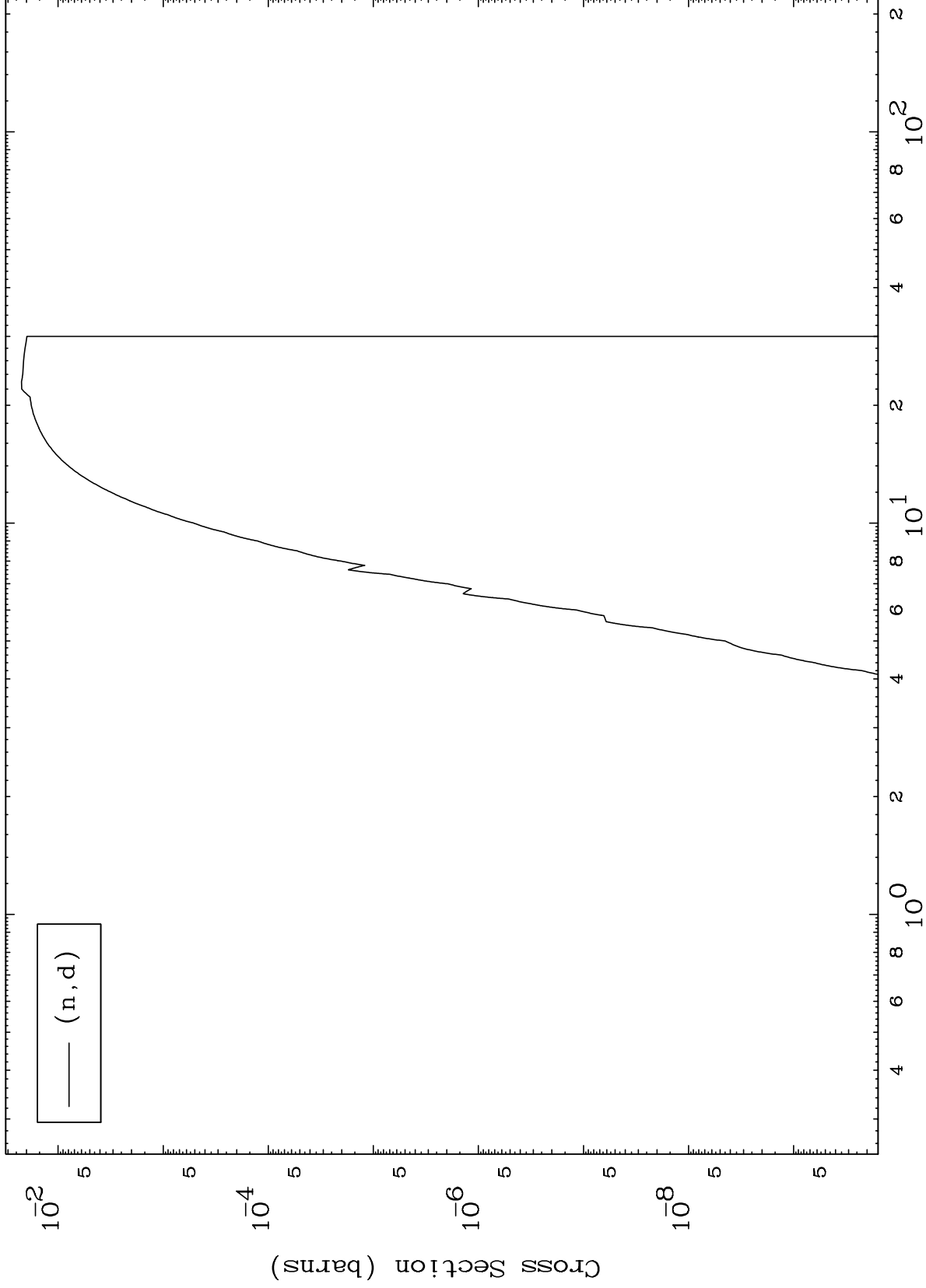


(n,p)

MAT 6777

(n,d) Levels
293 Kelvin Cross Sections

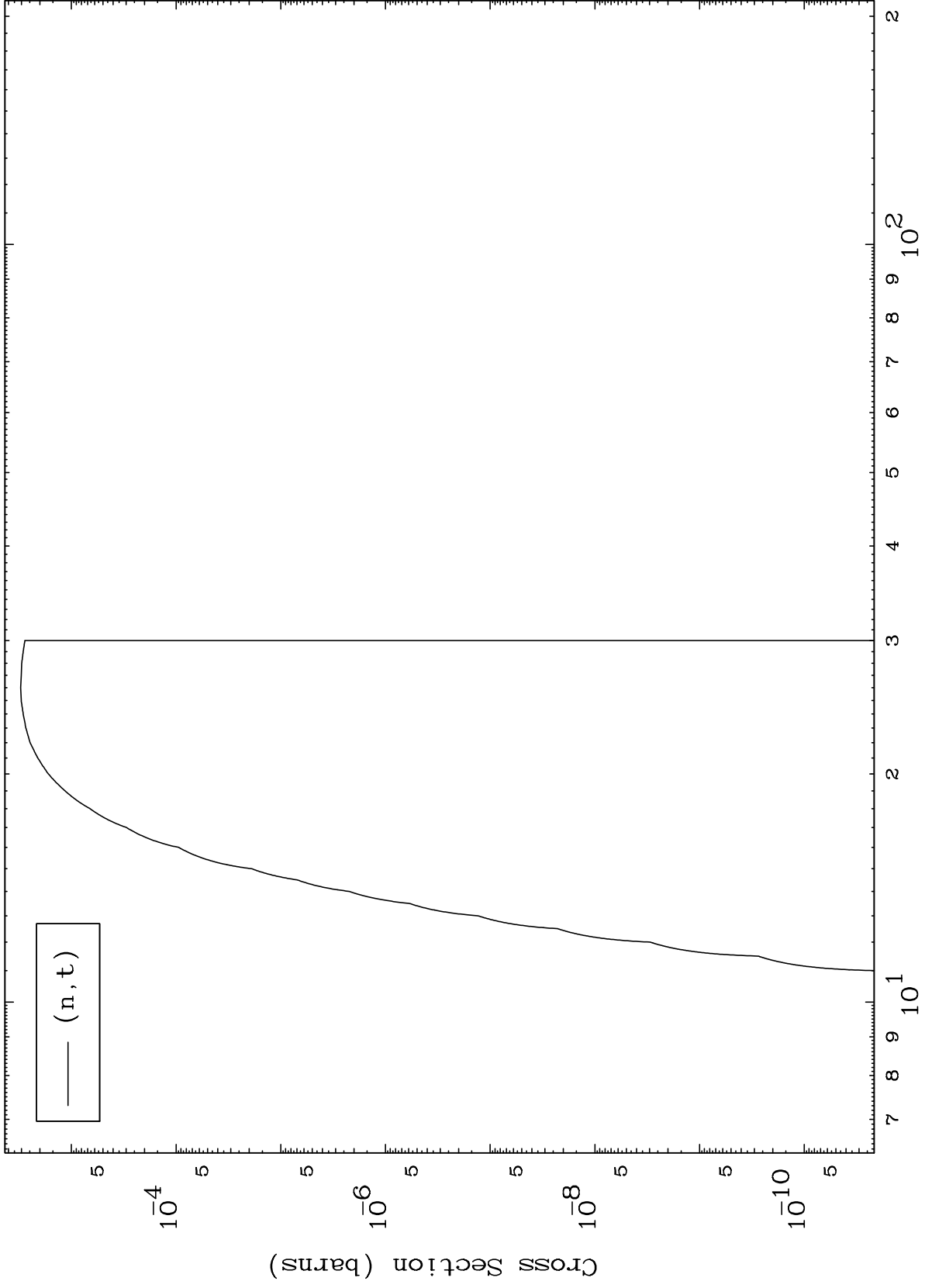
68-Er-146



10

Incident Energy (MeV)

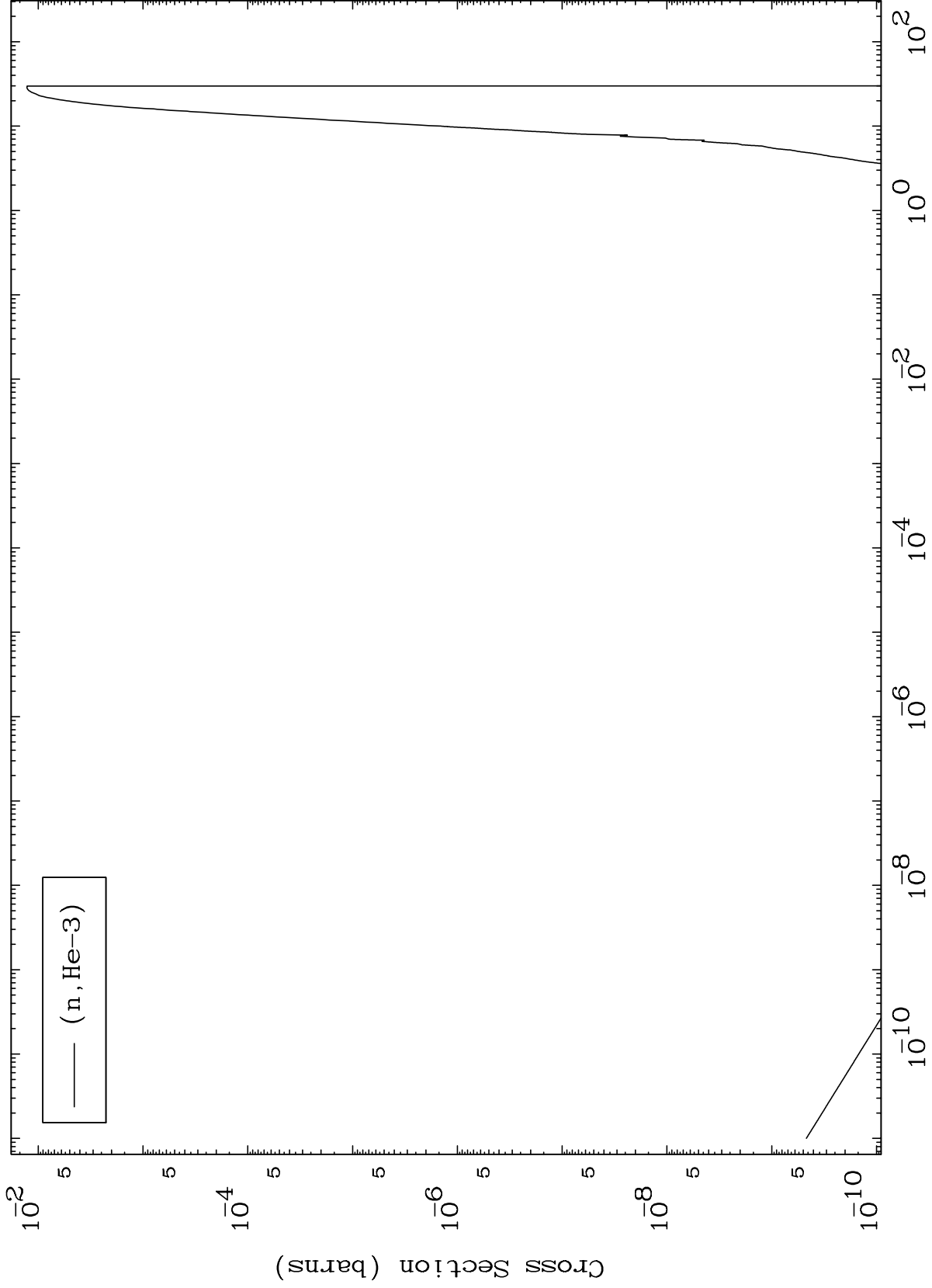
68-Er-146



MAT 6777

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-146

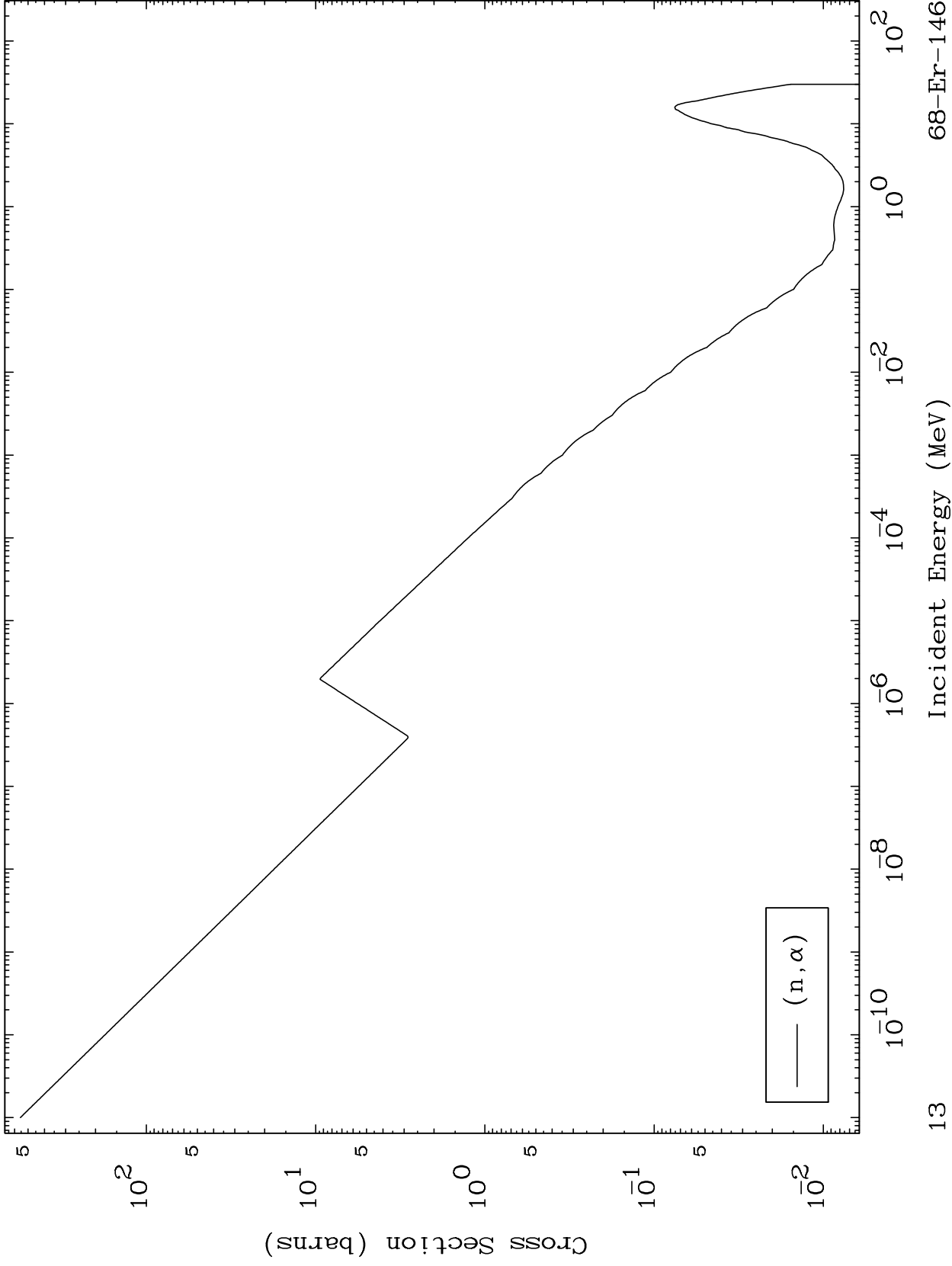


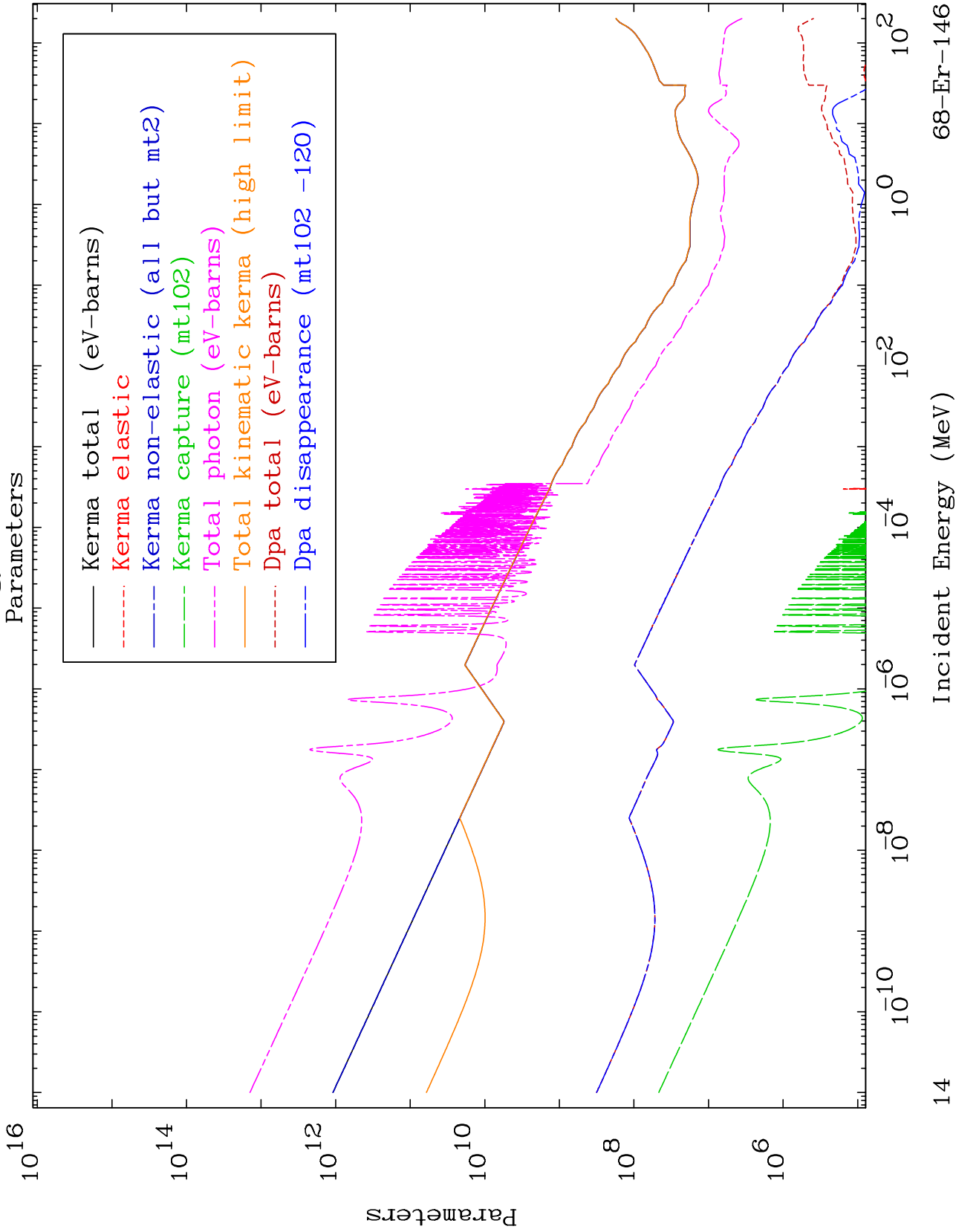
(n, He-3)

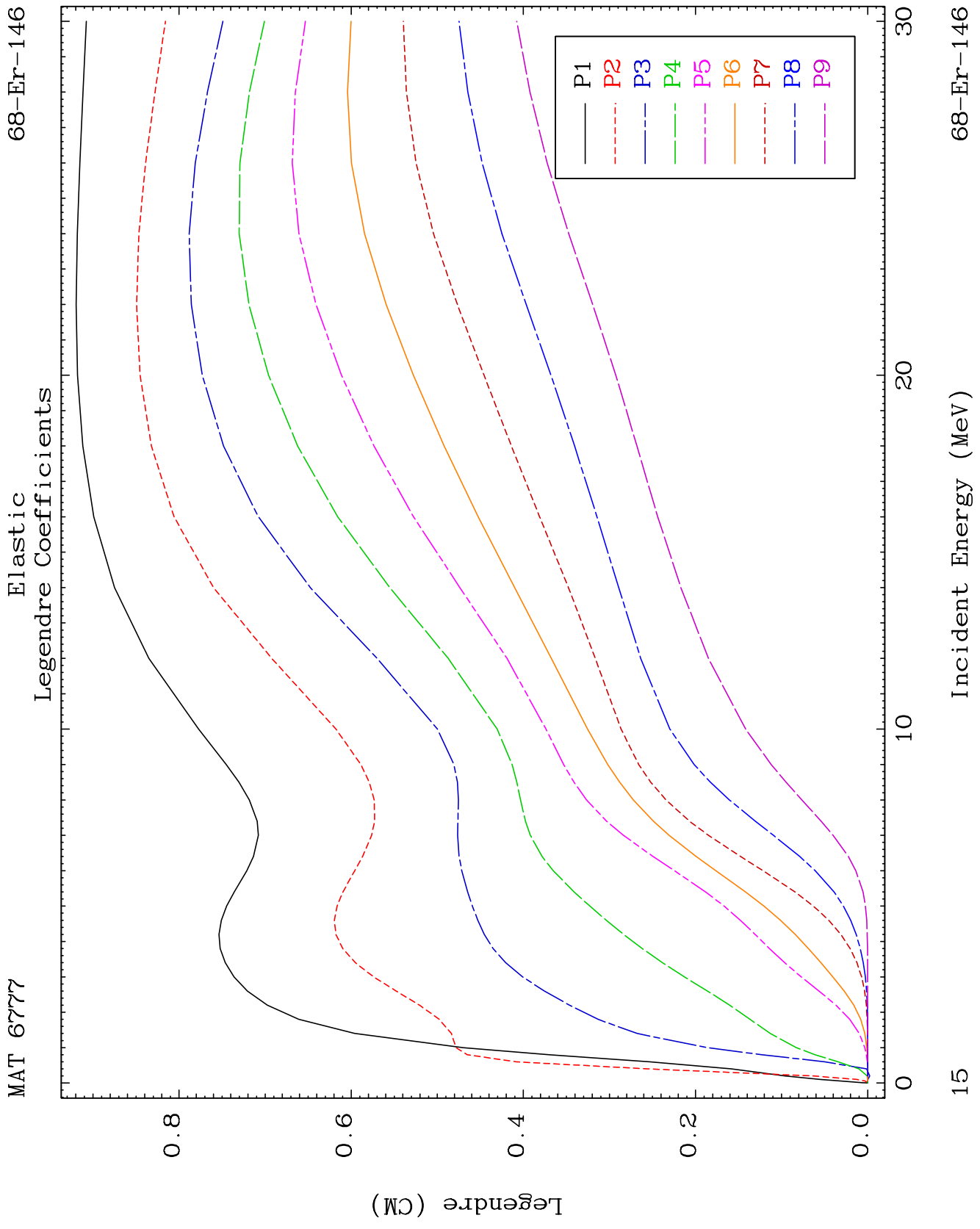
MAT 6777

(n,α) Levels
293 Kelvin Cross Sections

68-Er-146



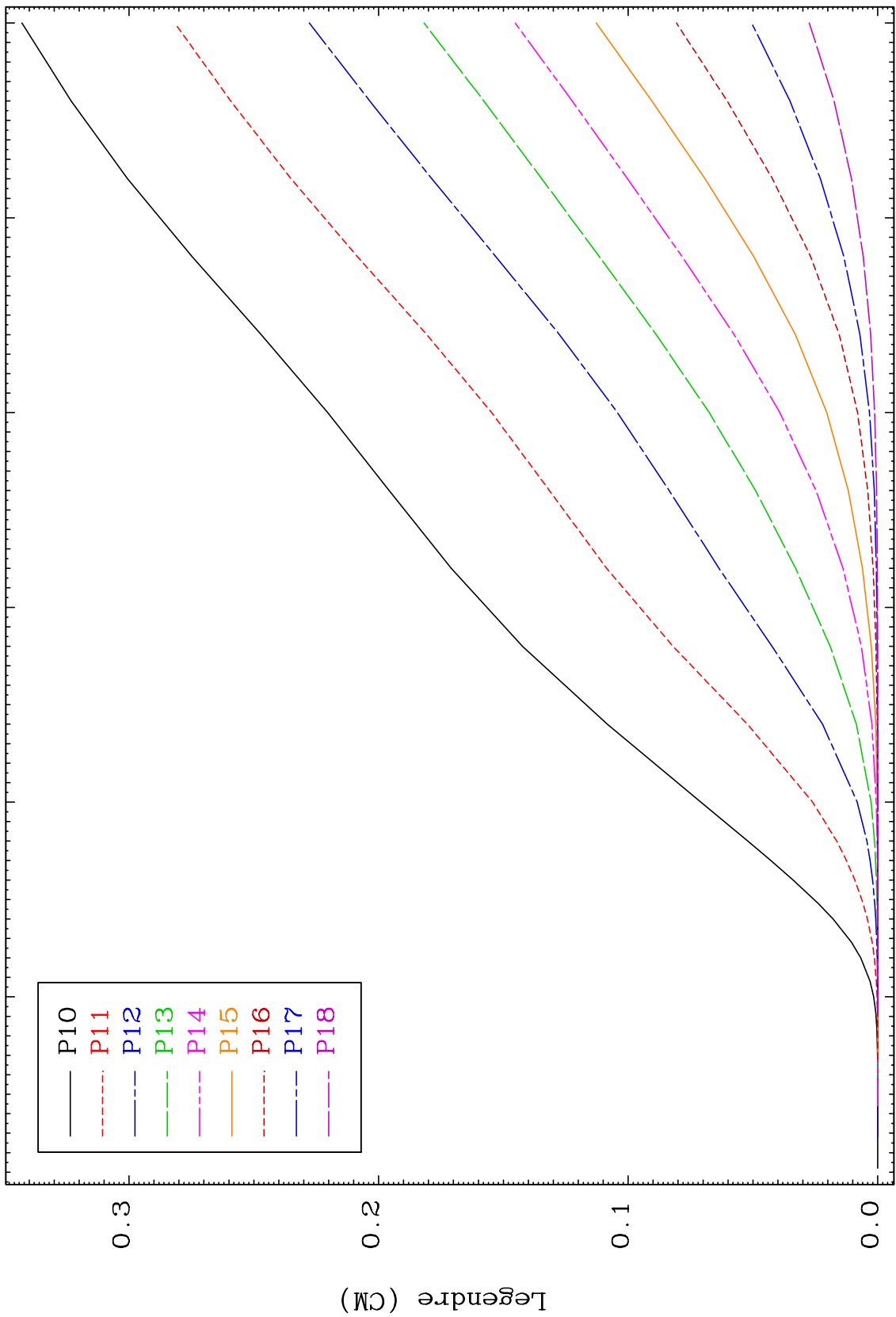




MAT 6777

Elastic Legendre Coefficients

68-Er-146



16

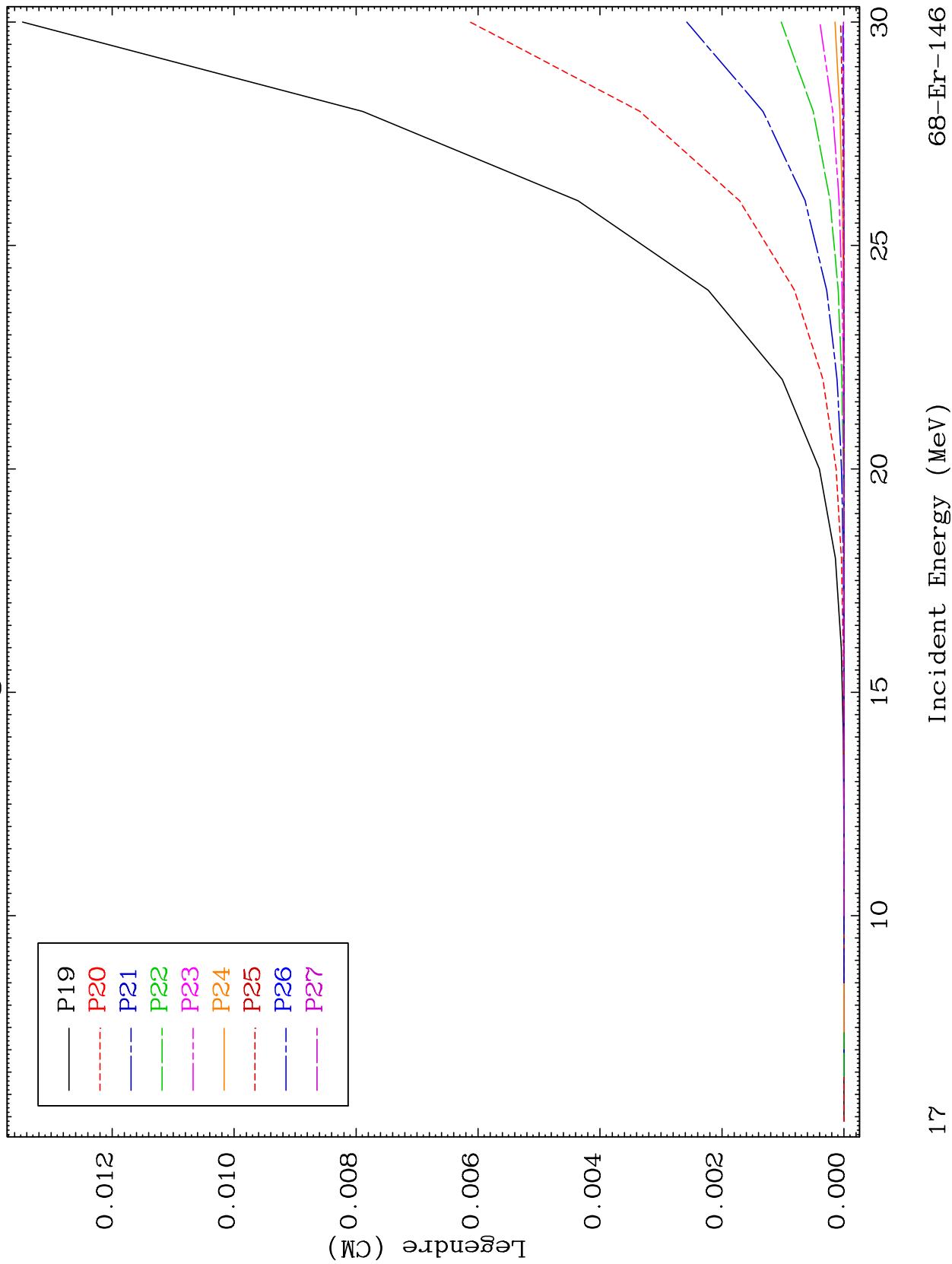
Incident Energy (MeV)

68-Er-146

MAT 6777

Elastic Legendre Coefficients

68-Er-146



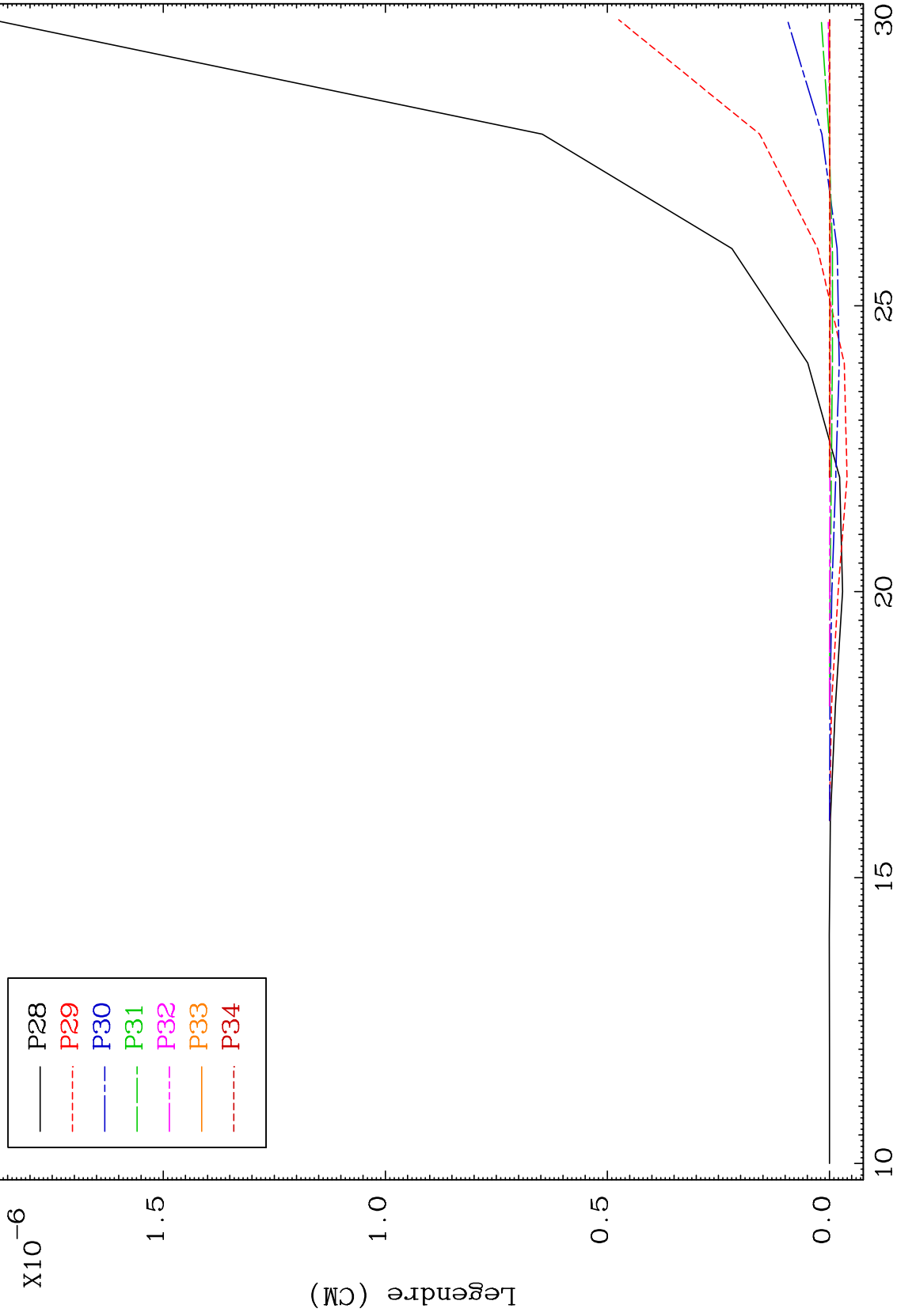
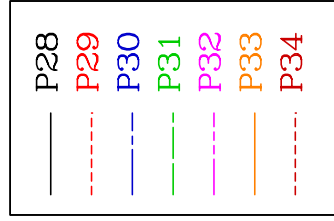
17

68-Er-146

MAT 6777

Elastic
Legendre Coefficients

68-Er-146



18

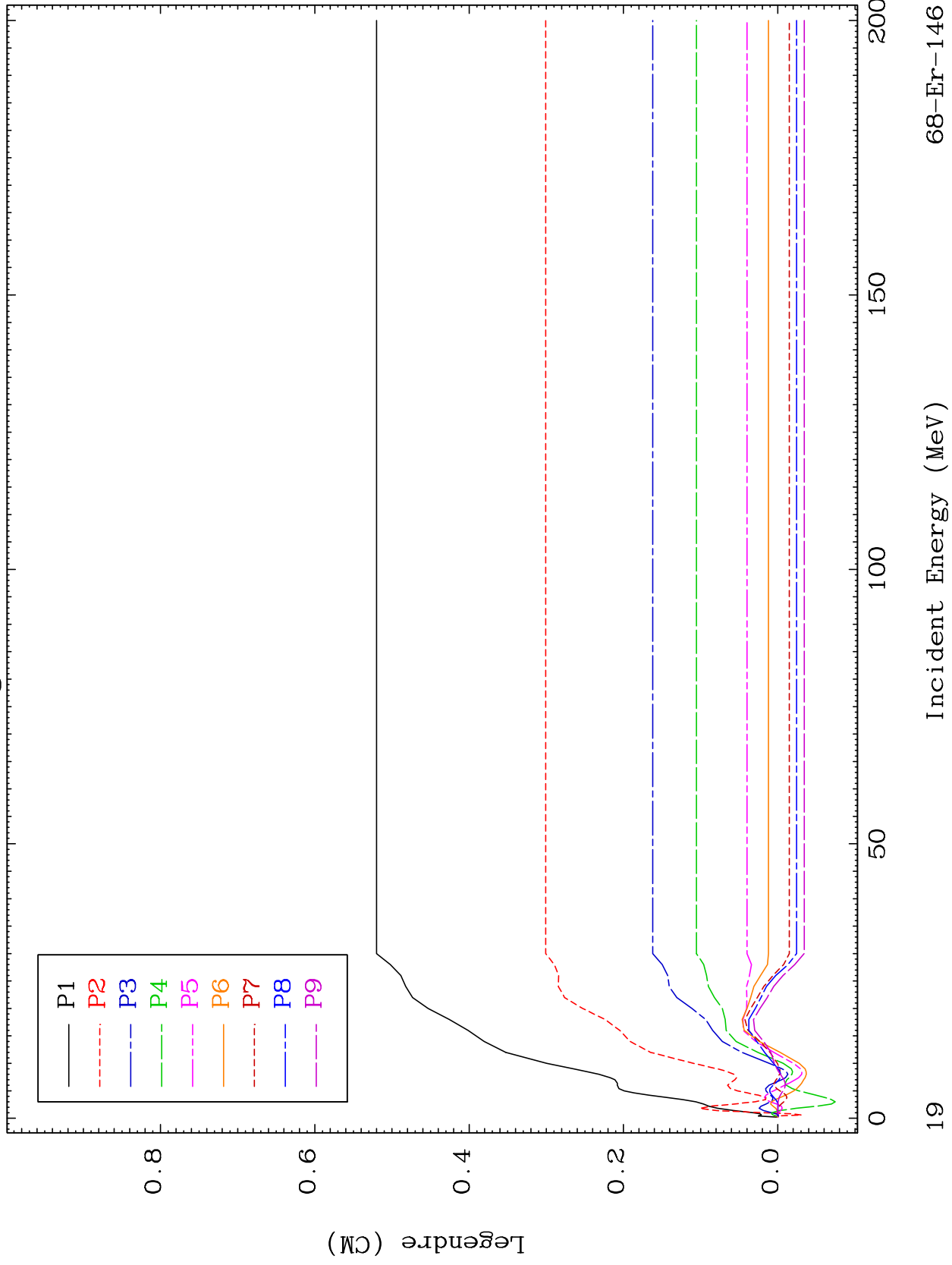
Incident Energy (MeV)

68-Er-146

MAT 6777

178.1 keV (n,n') Level
Legendre Coefficients

68-Er-146



68-Er-146

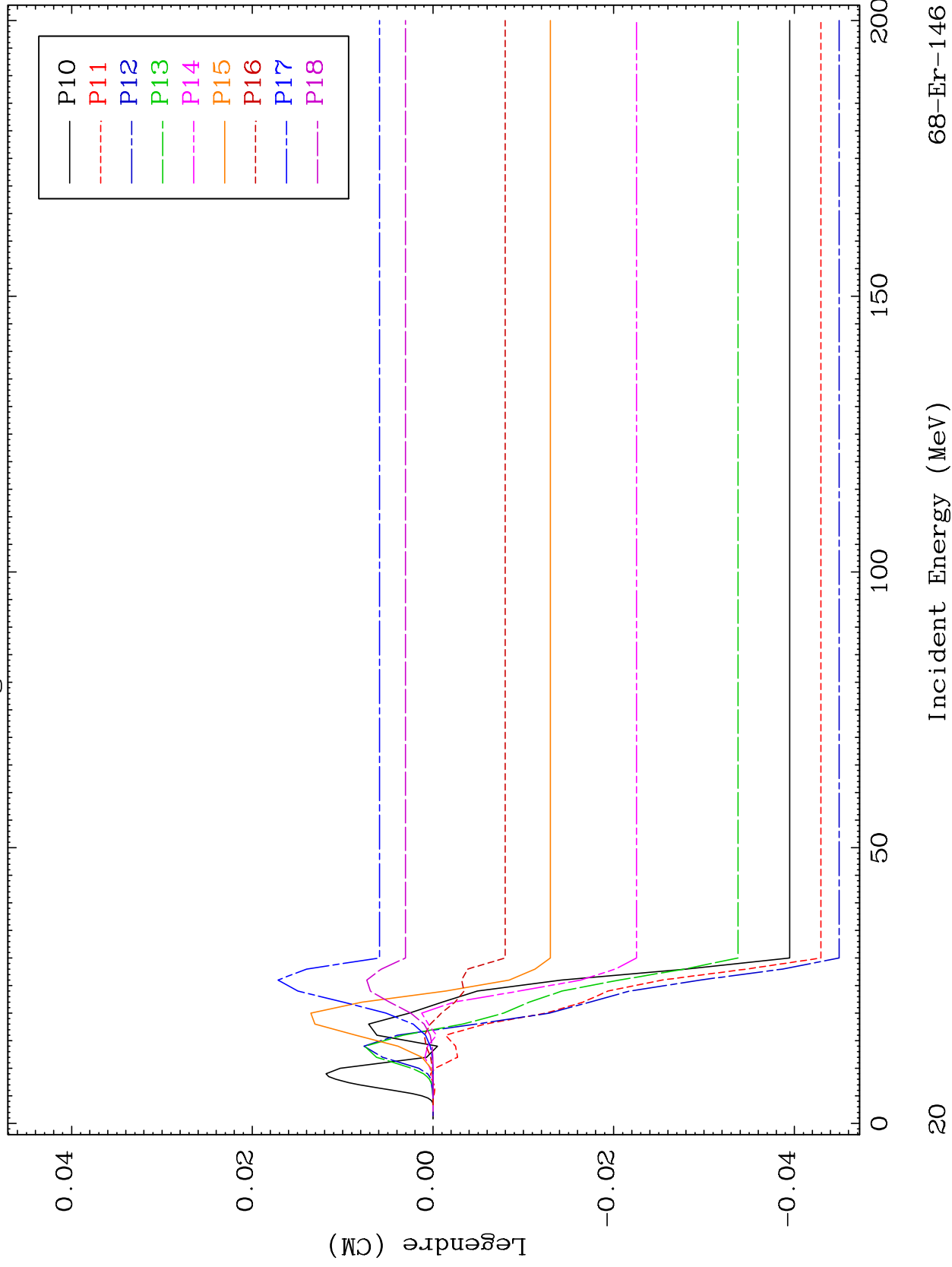
Incident Energy (MeV)

19

MAT 6777

178.1 keV (n,n') Level
Legendre Coefficients

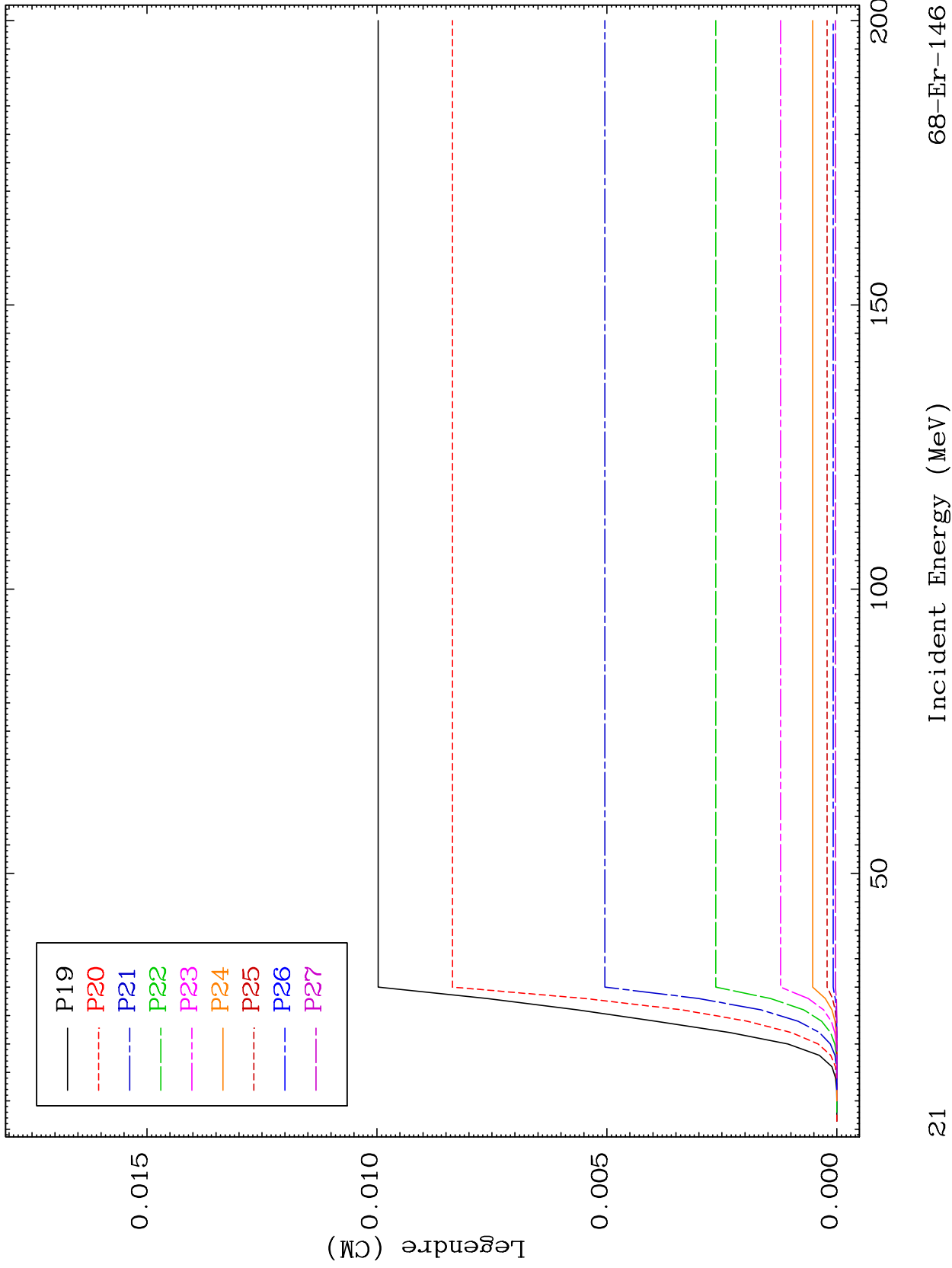
68-Er-146

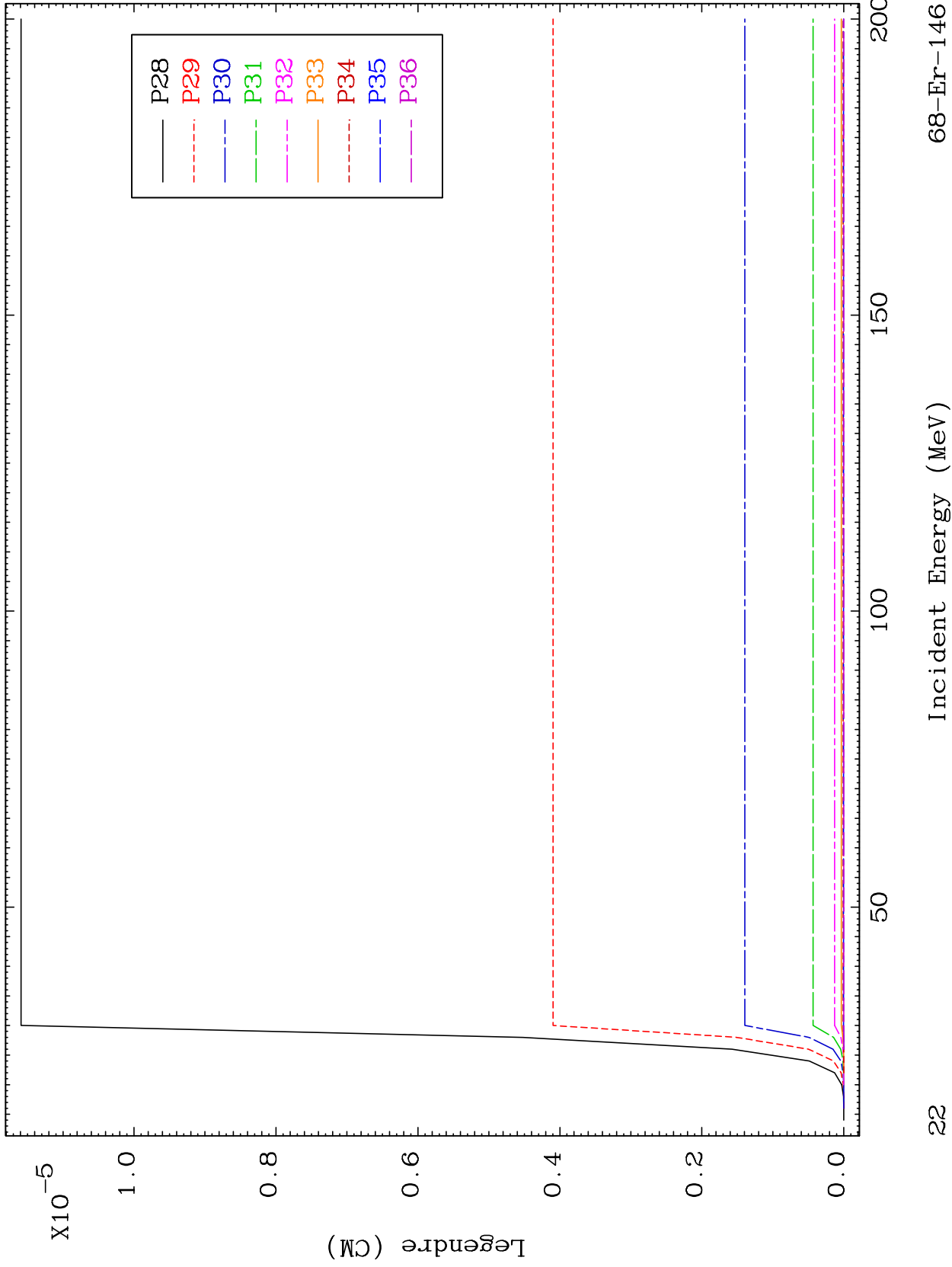


68-Er-146

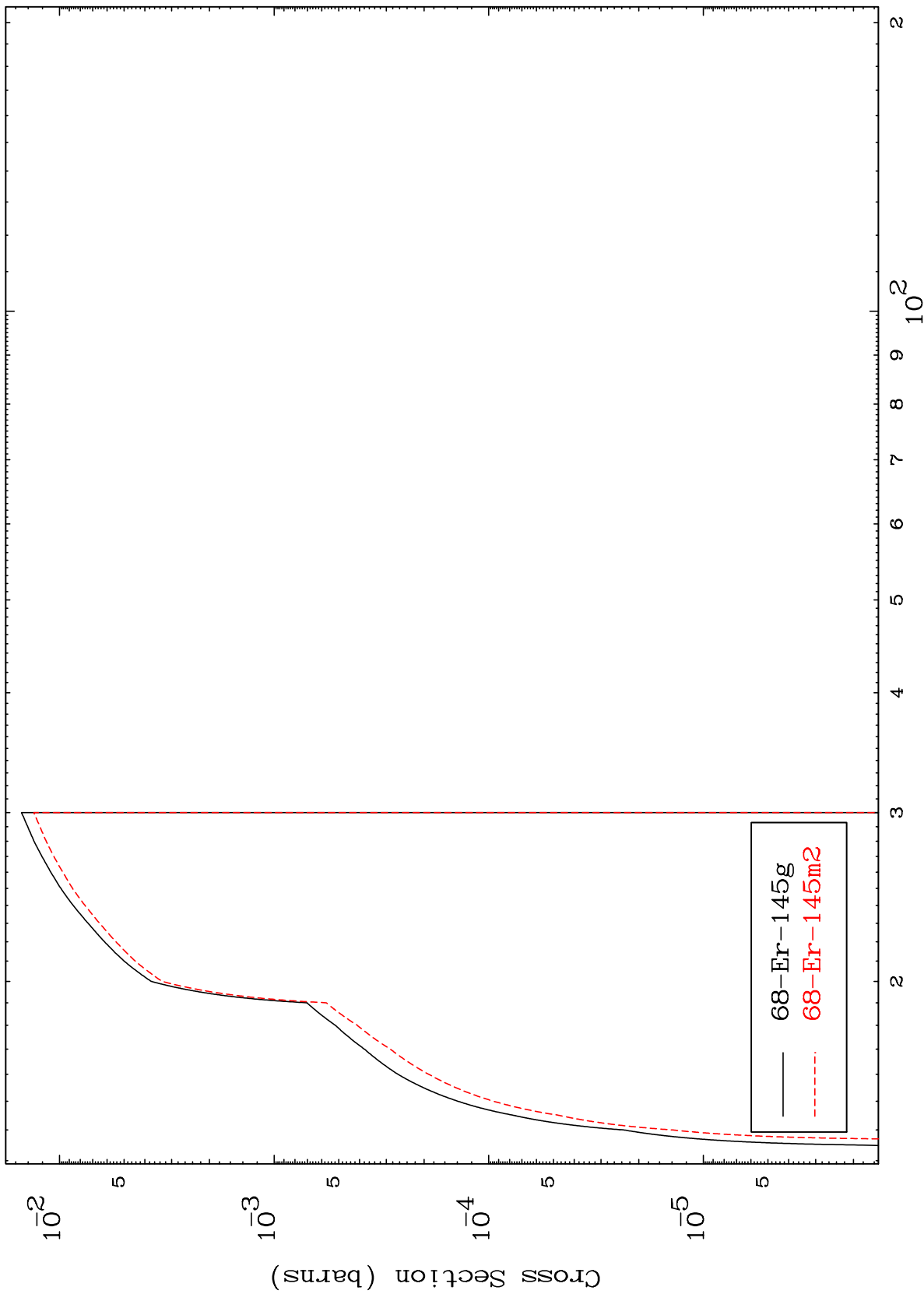
Incident Energy (MeV)

20





Radionuclide Production Cross Section
(n,2n)

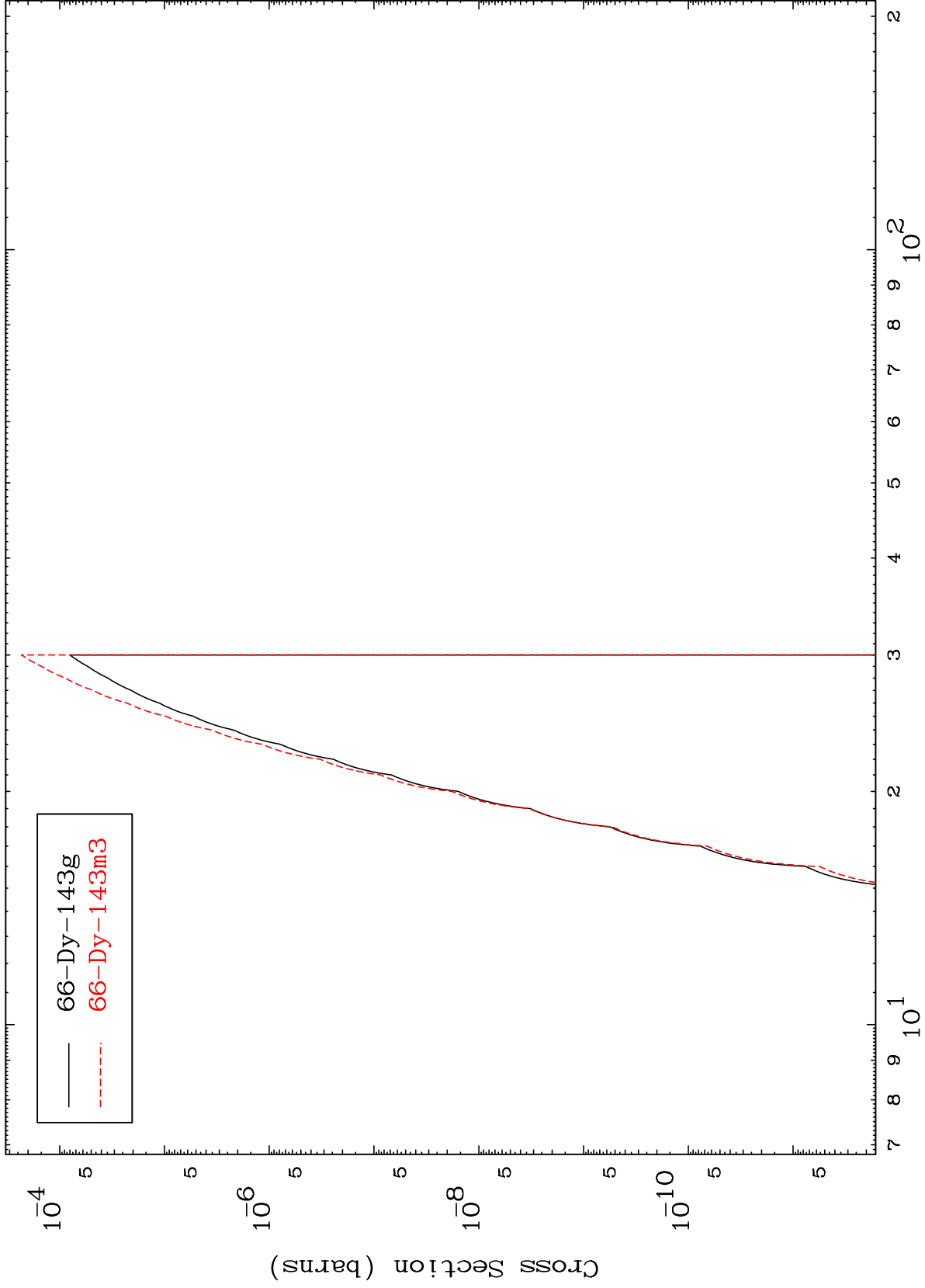


MAT 6777

(n,n') He-3

68-Er-146

Radionuclide Production Cross Section



24

Incident Energy (MeV)

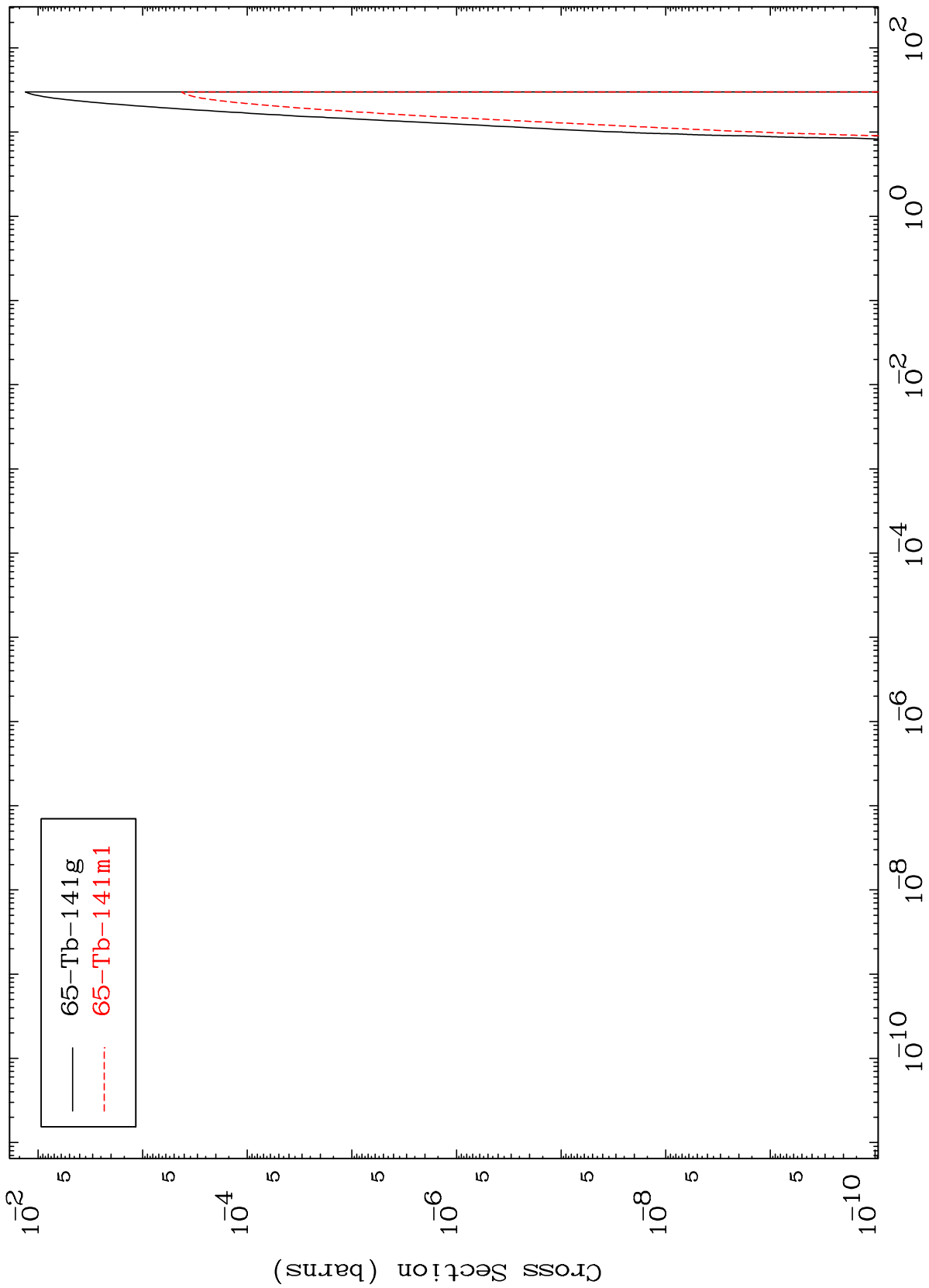
68-Er-146

MAT 6777

(n,n') p α

68-Er-146

Radionuclide Production Cross Section



25

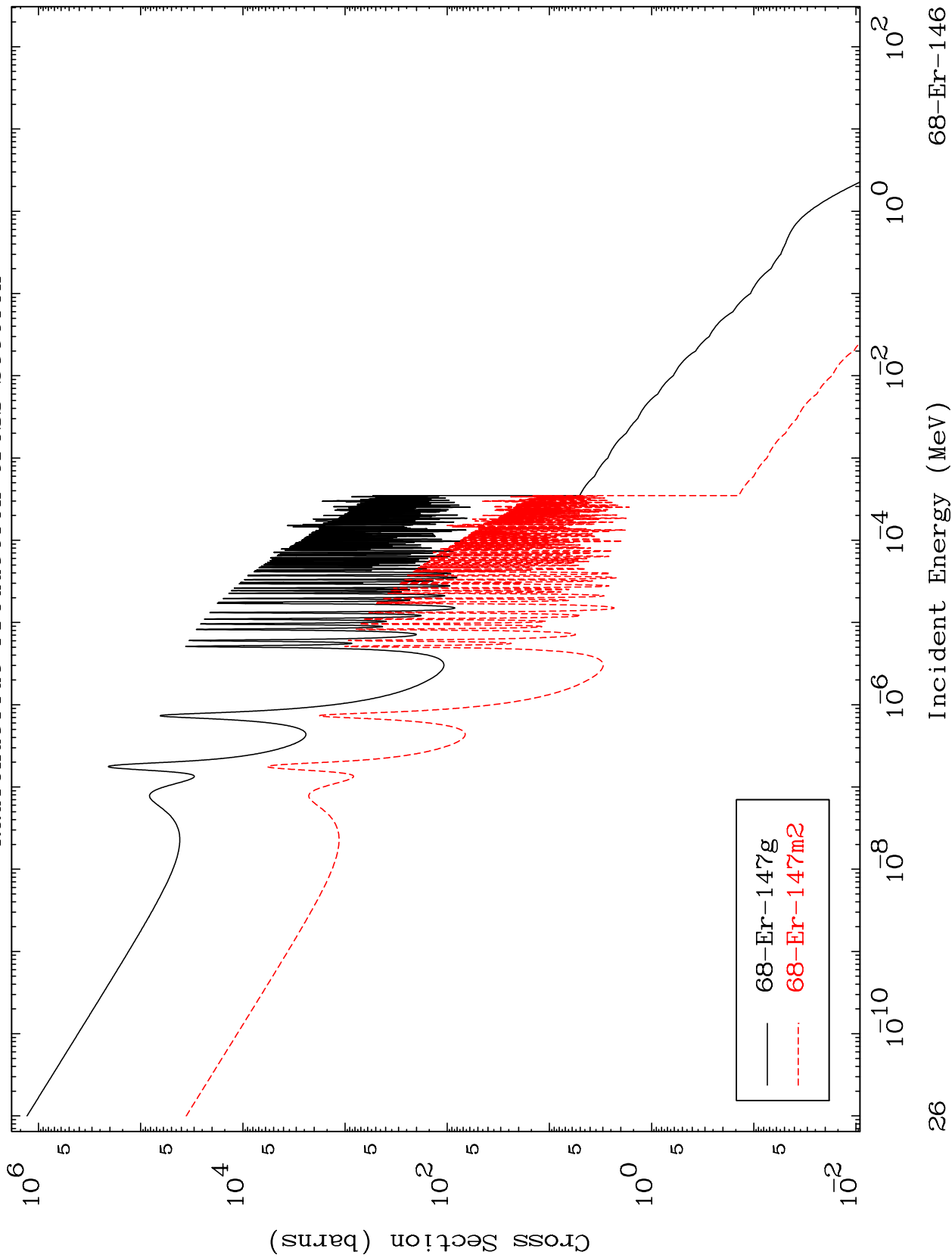
Incident Energy (MeV)

68-Er-146

MAT 6777

68-Er-146

Radionuclide Production Cross Section
(n, γ)

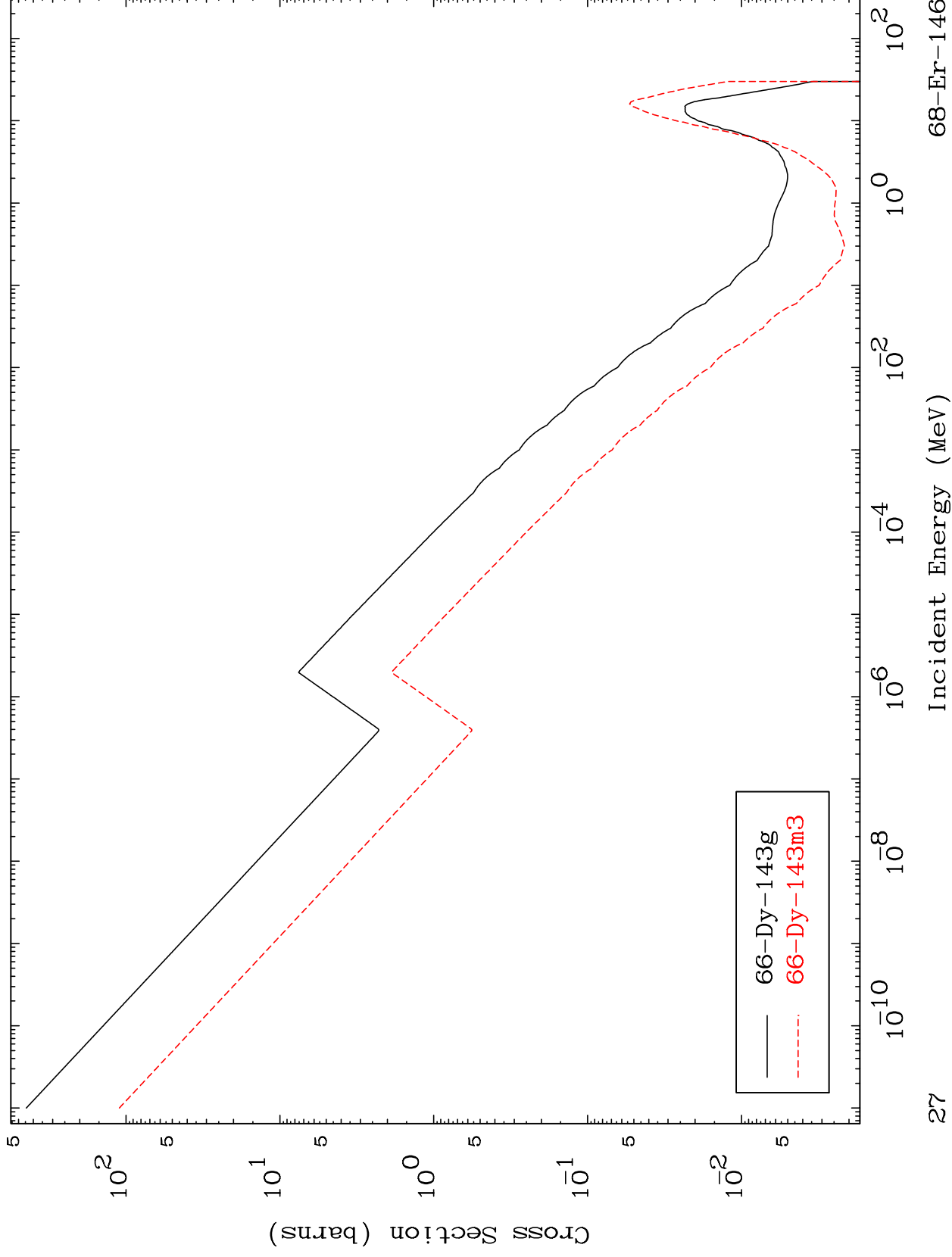


MAT 6777

(n, α)

68-Er-146

Radionuclide Production Cross Section



27

Incident Energy (MeV)

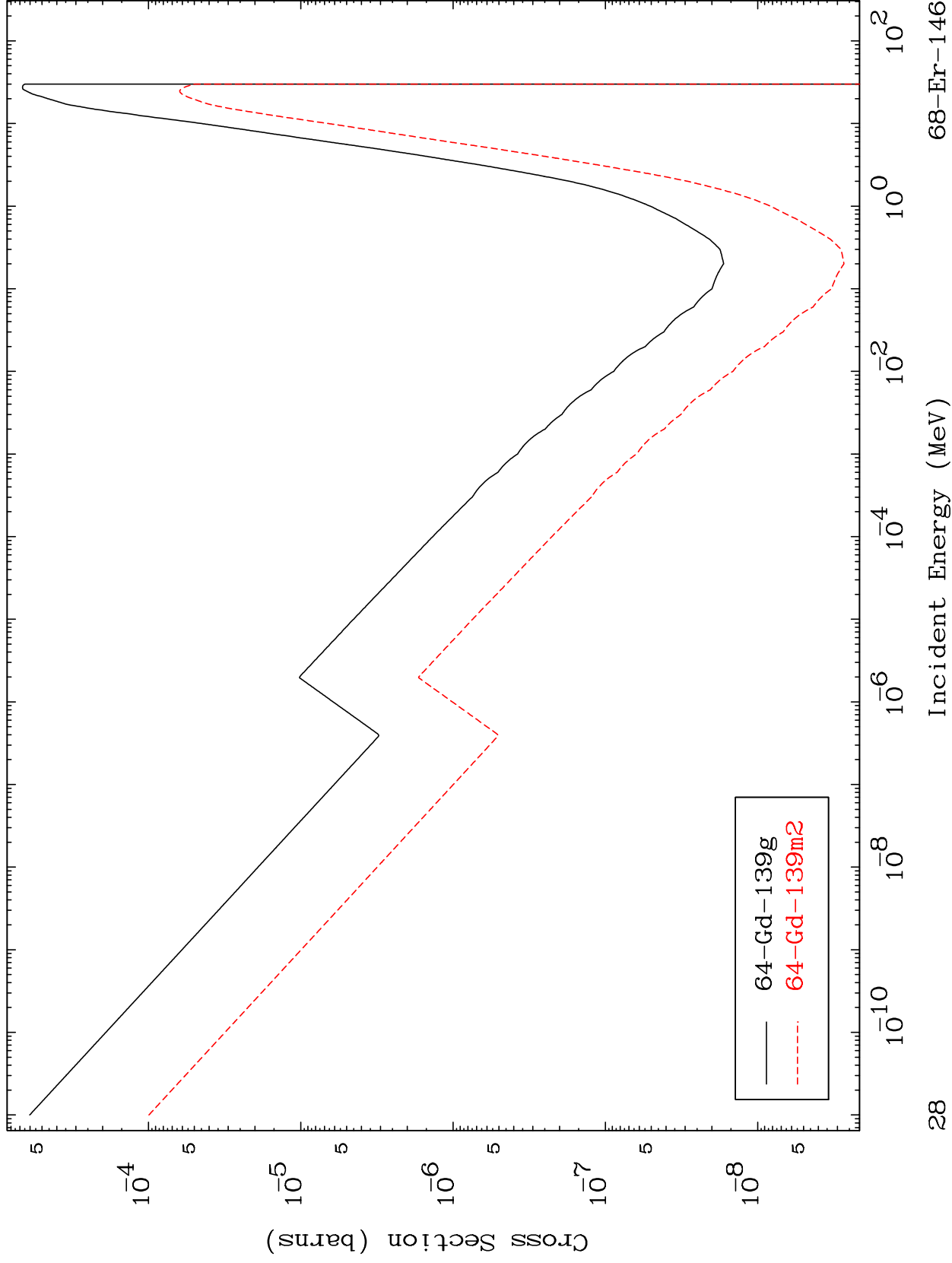
68-Er-146

MAT 6777

(n,2α)

68-Er-146

Radionuclide Production Cross Section



28

Incident Energy (MeV)

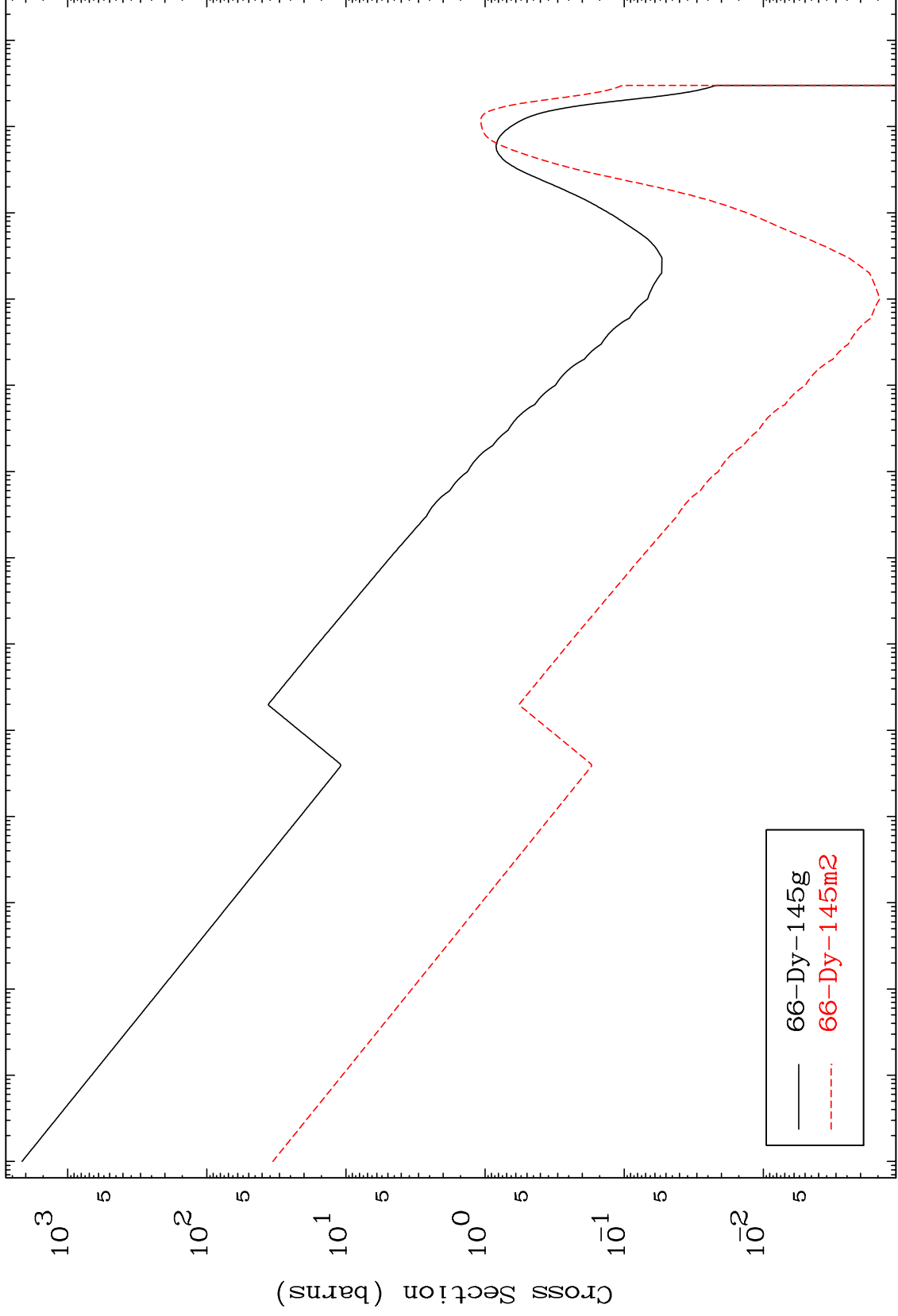
68-Er-146

MAT 6777

(n,2p)

68-Er-146

Radionuclide Production Cross Section



68-Er-146

Incident Energy (MeV)

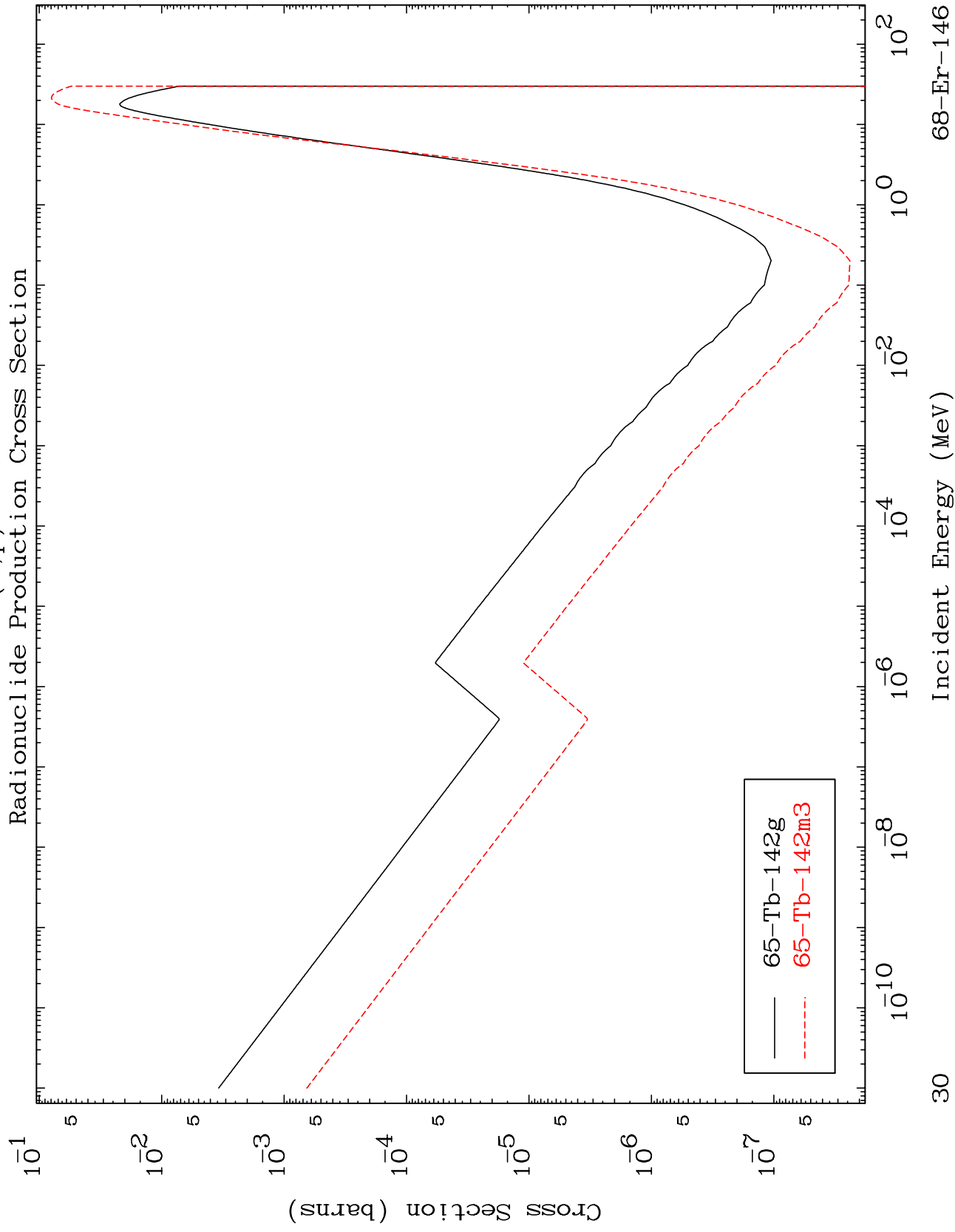
68-Er-146

— 66-Dy-145g
- - - 66-Dy-145m2

MAT 6777

(n,p) α

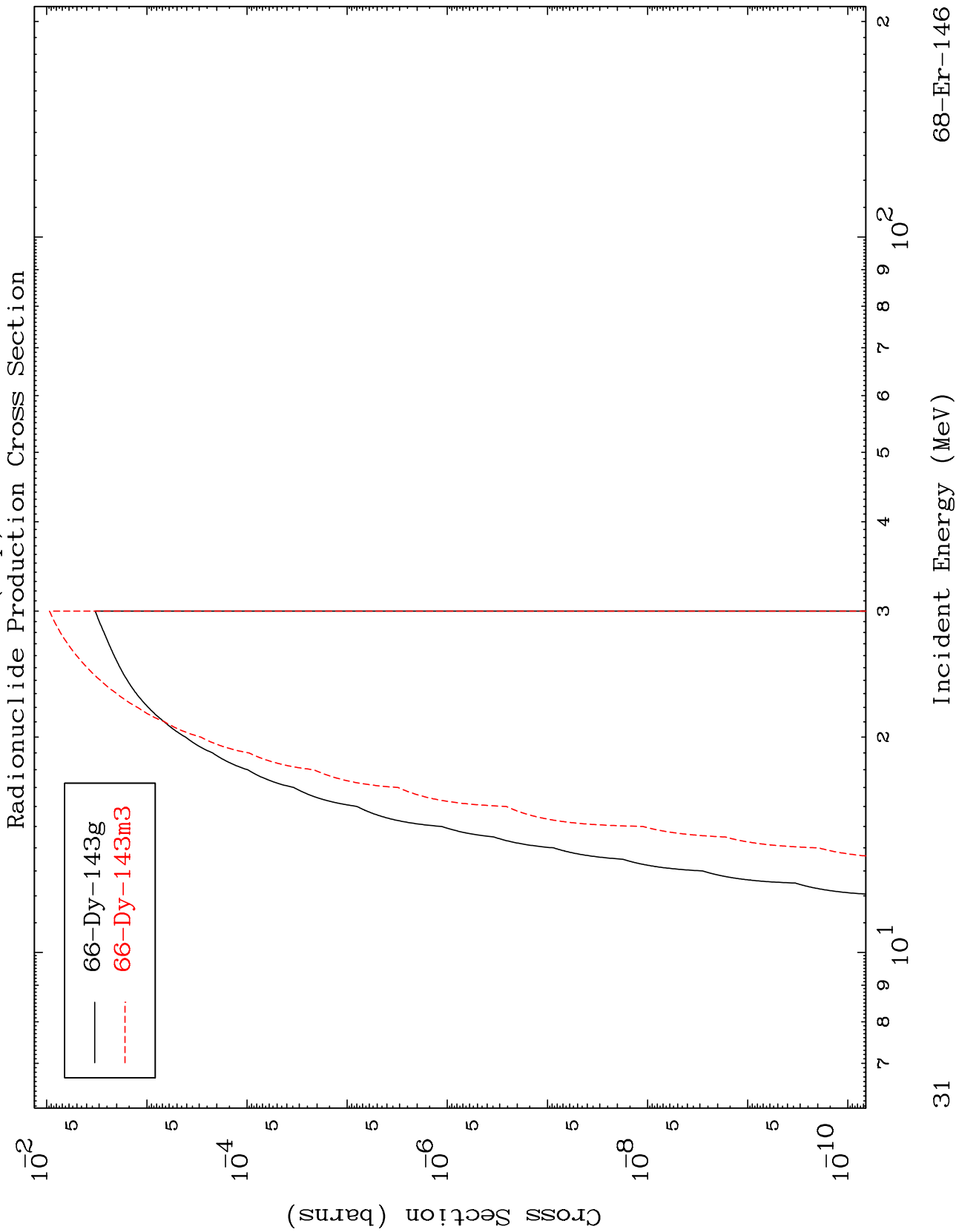
68-Er-146



MAT 6777

(n,p) t

68-Er-146

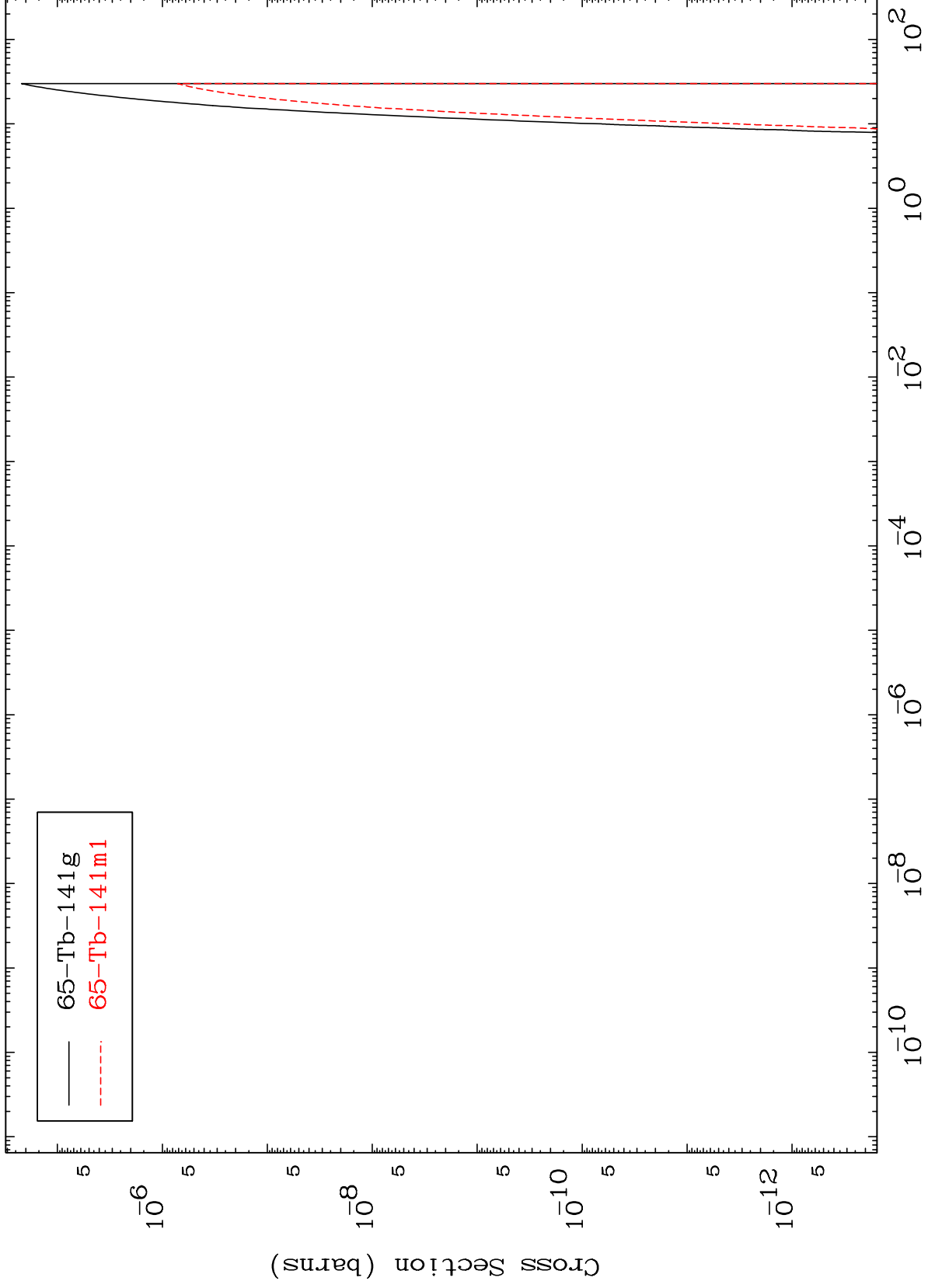


MAT 6777

(n,d) α

68-Er-146

Radionuclide Production Cross Section



32

Incident Energy (MeV)

68-Er-146