

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

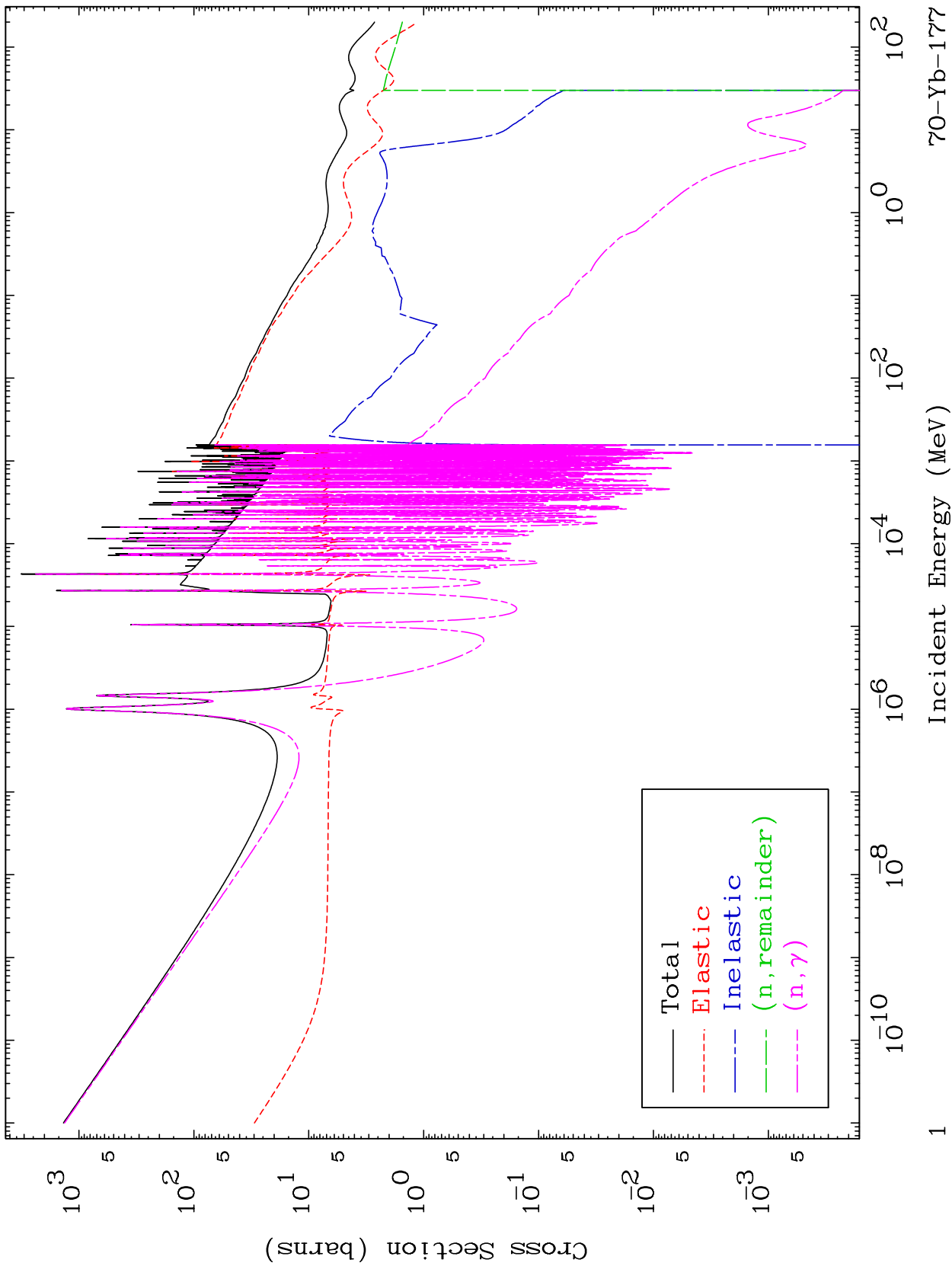
Press Mouse Button to Start

MAT 7053

Major

293 Kelvin Cross Sections

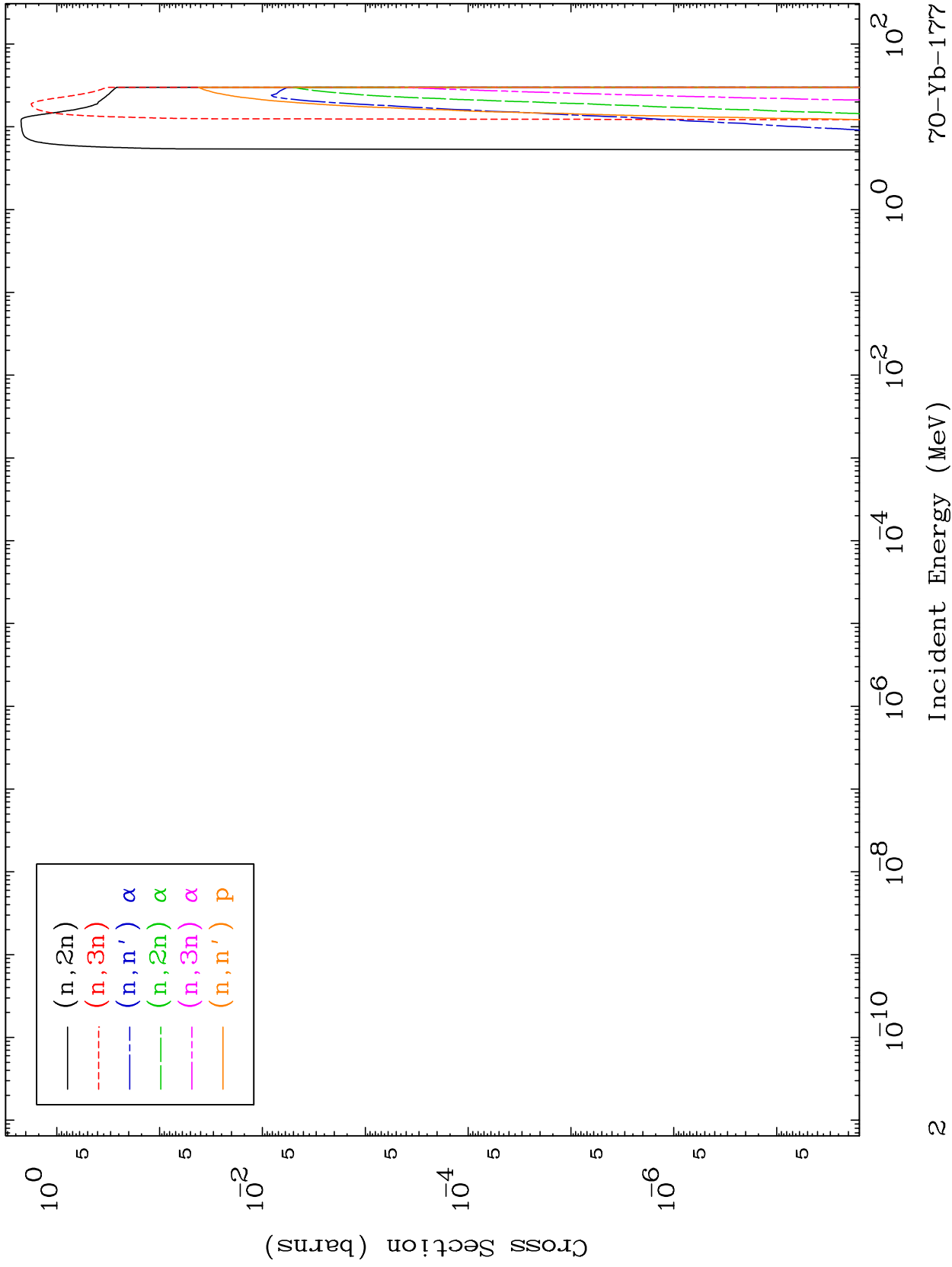
70-Yb-177

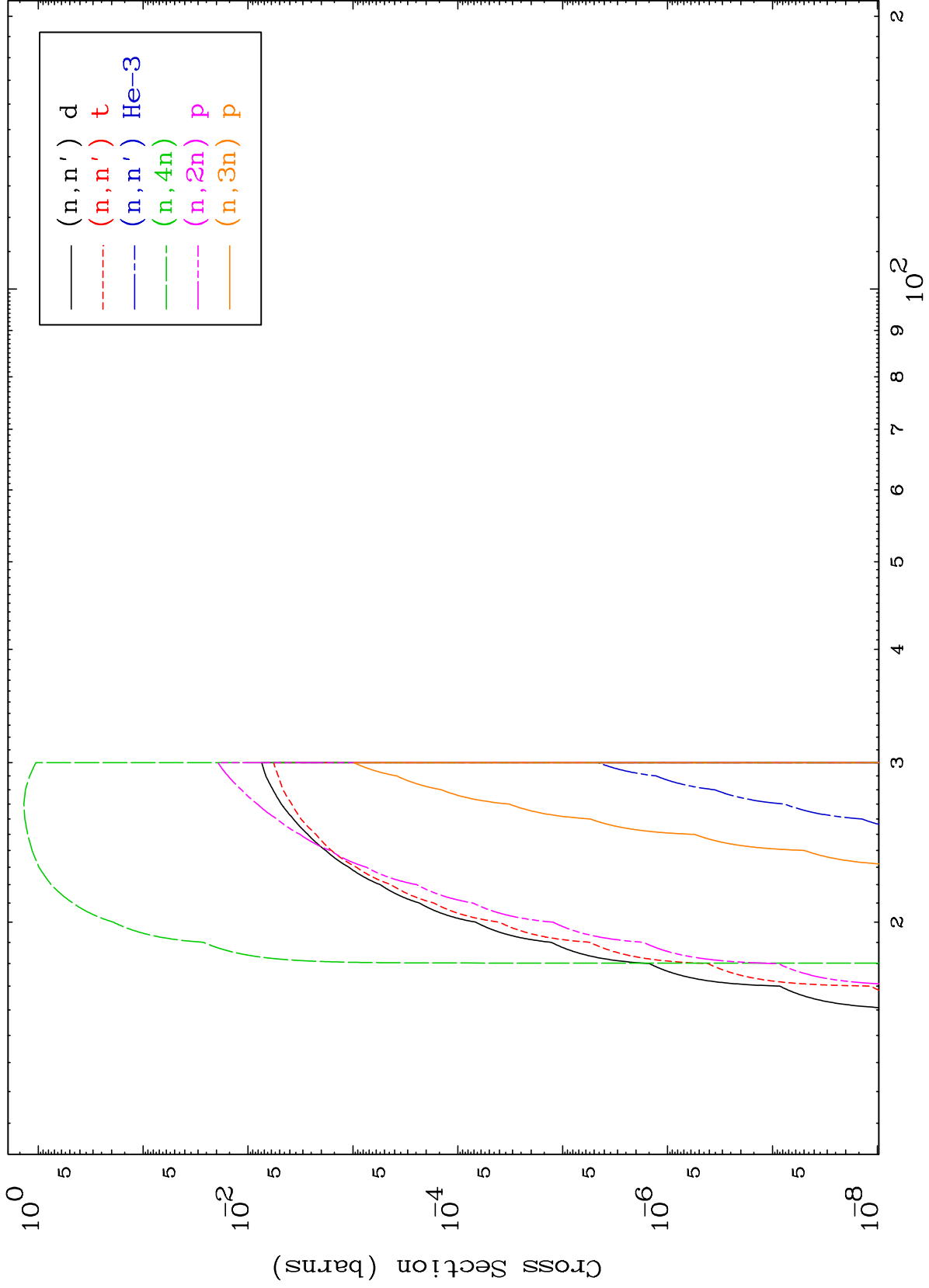


MAT 7053

Neutron Production
293 Kelvin Cross Sections

70-Yb-177

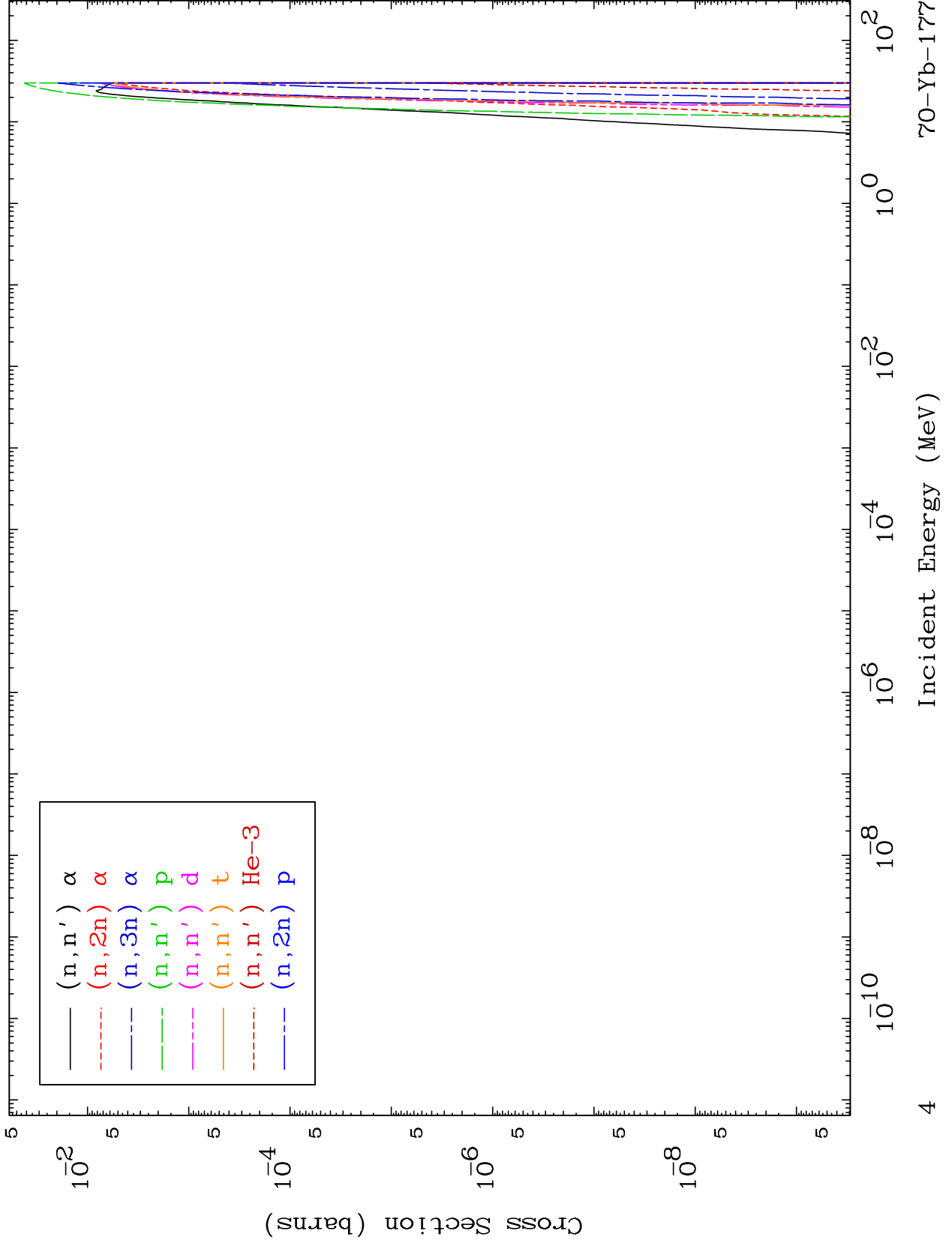




MAT 7053

Charged Particle
293 Kelvin Cross Sections

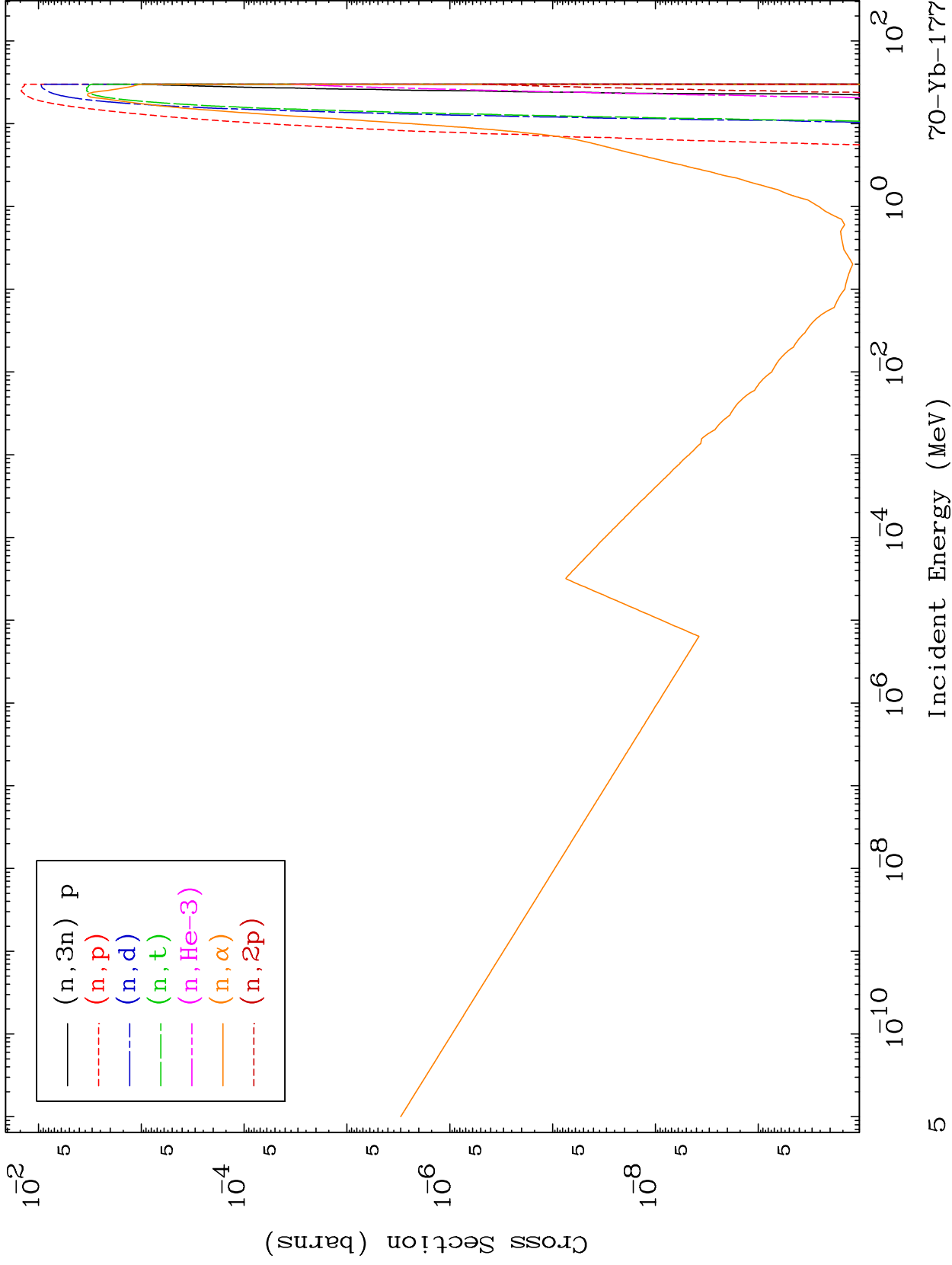
70-Yb-177



MAT 7053

Charged Particle
293 Kelvin Cross Sections

70-Yb-177

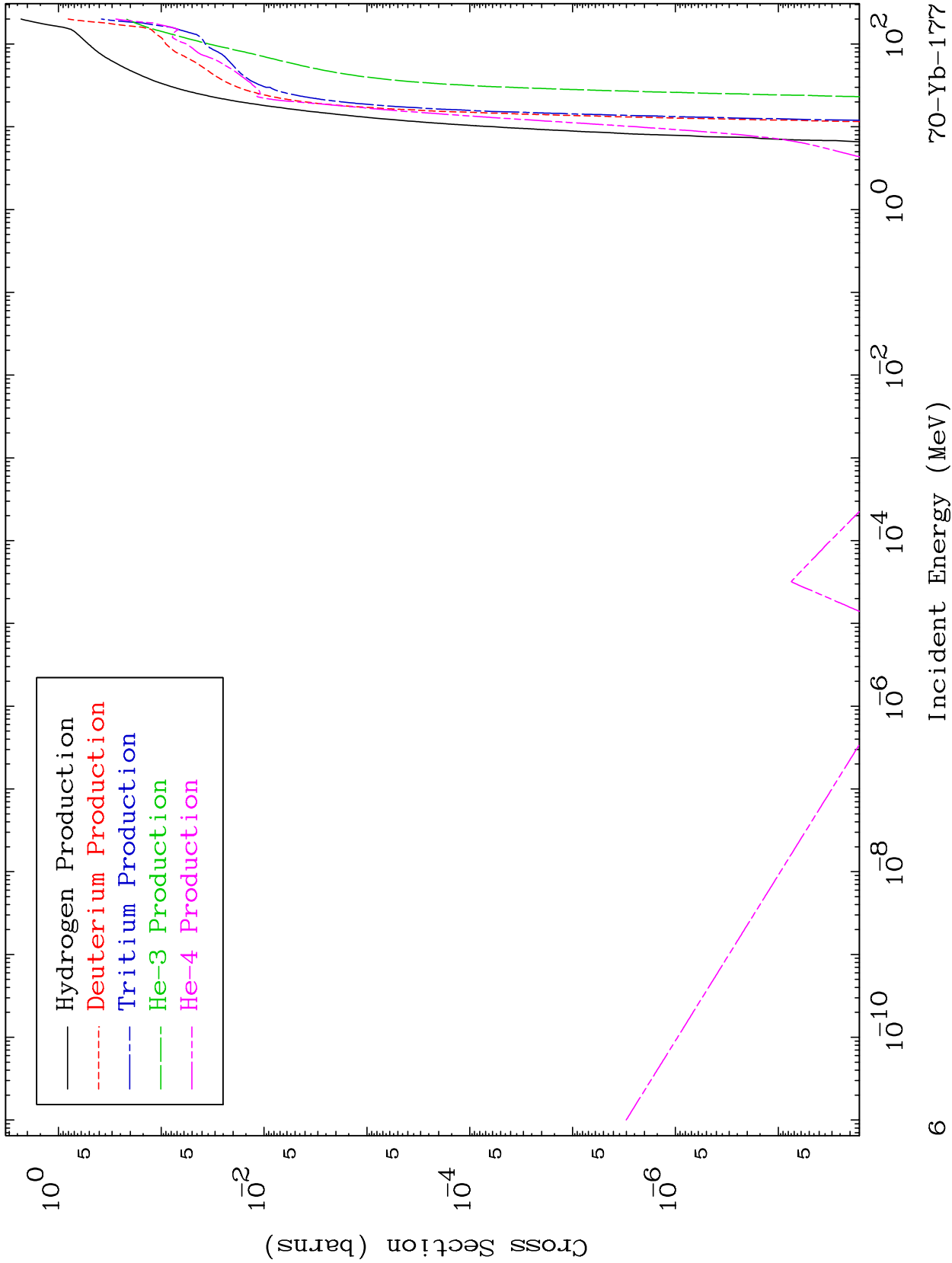


5

MAT 7053

Particle Production
293 Kelvin Cross Sections

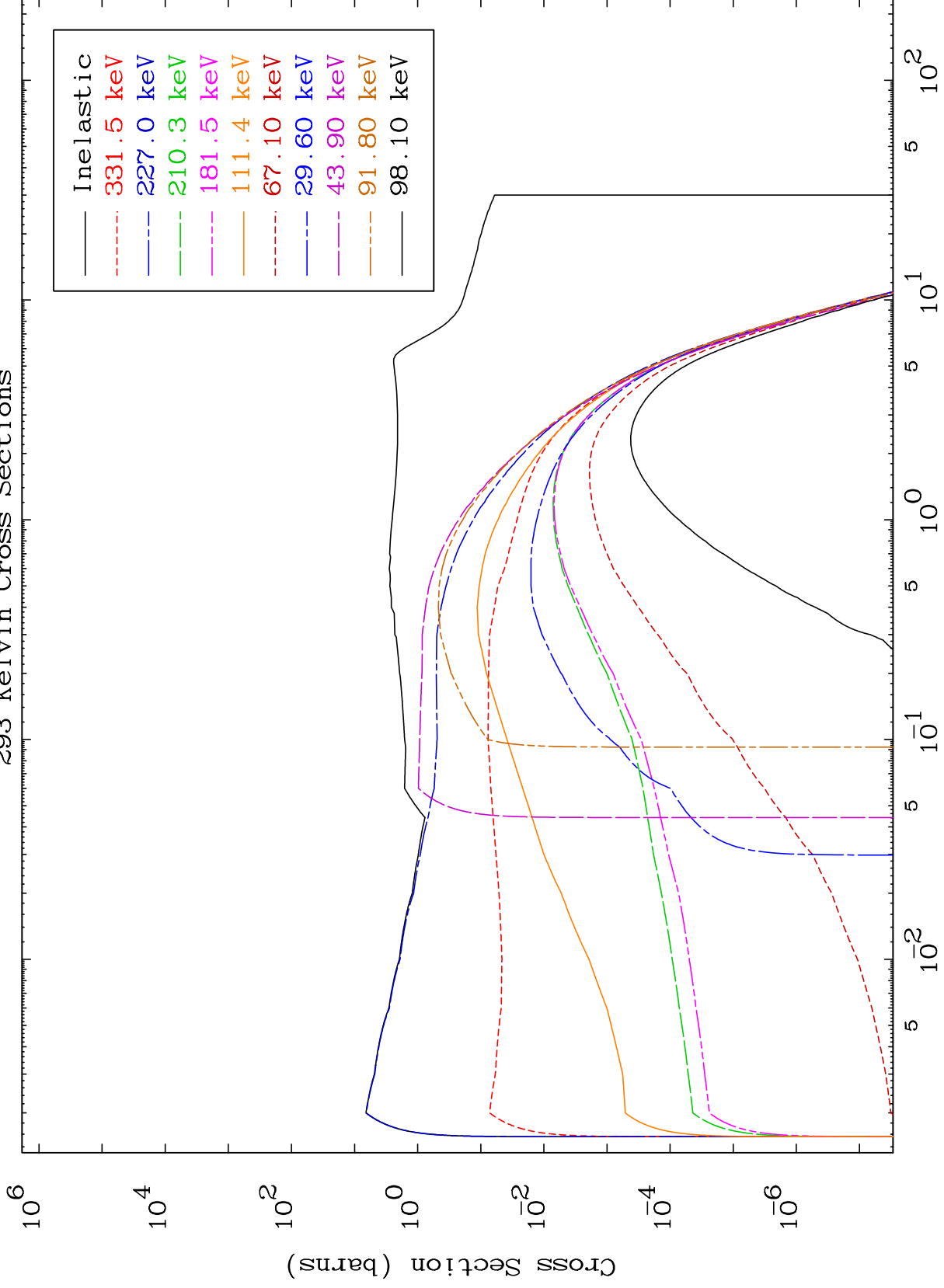
70-Yb-177



MAT 7053

(n,n') Level
293 Kelvin Cross Sections

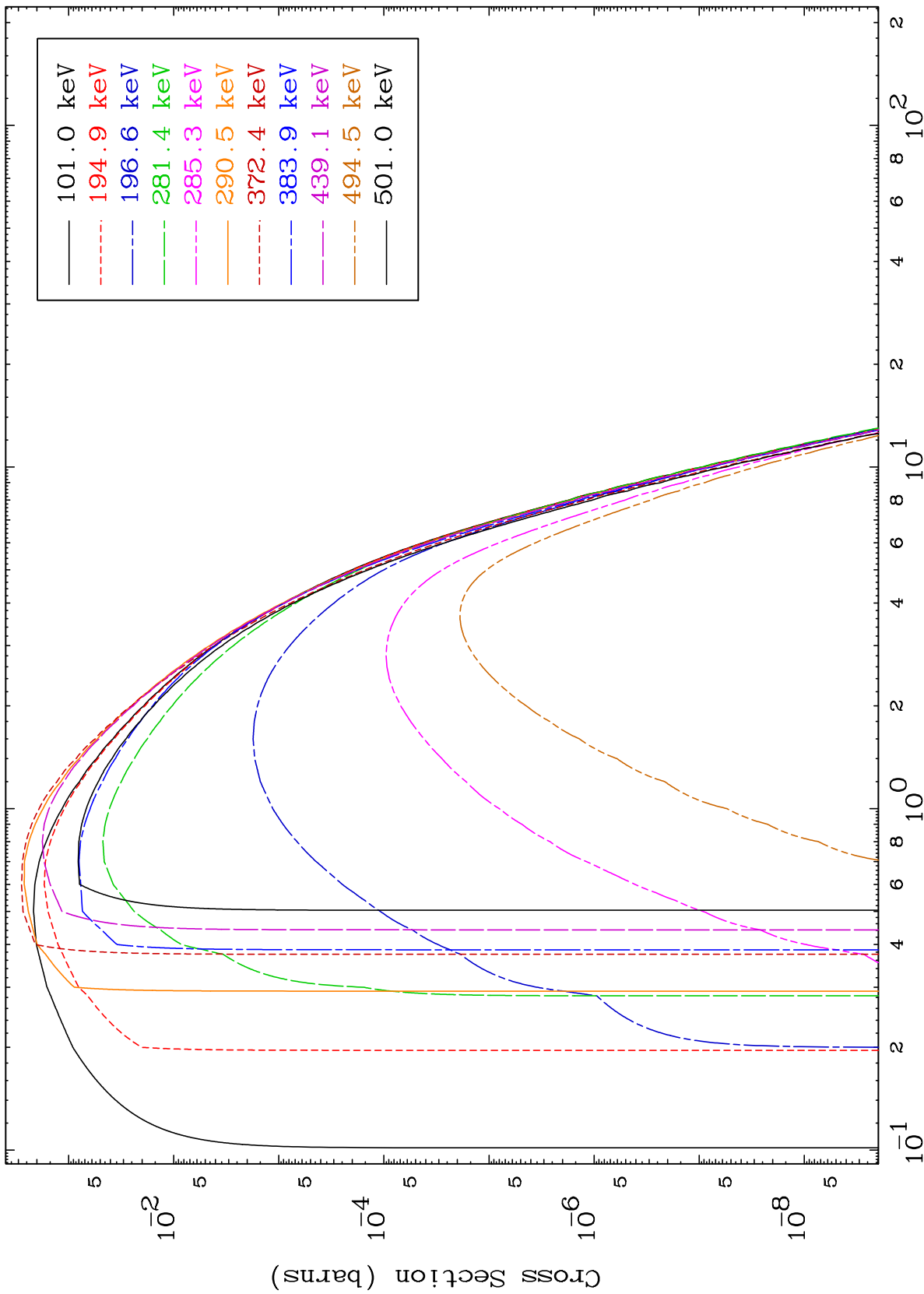
70-Yb-177



MAT 7053

(n,n') Level
293 Kelvin Cross Sections

70-Yb-177



Incident Energy (MeV)

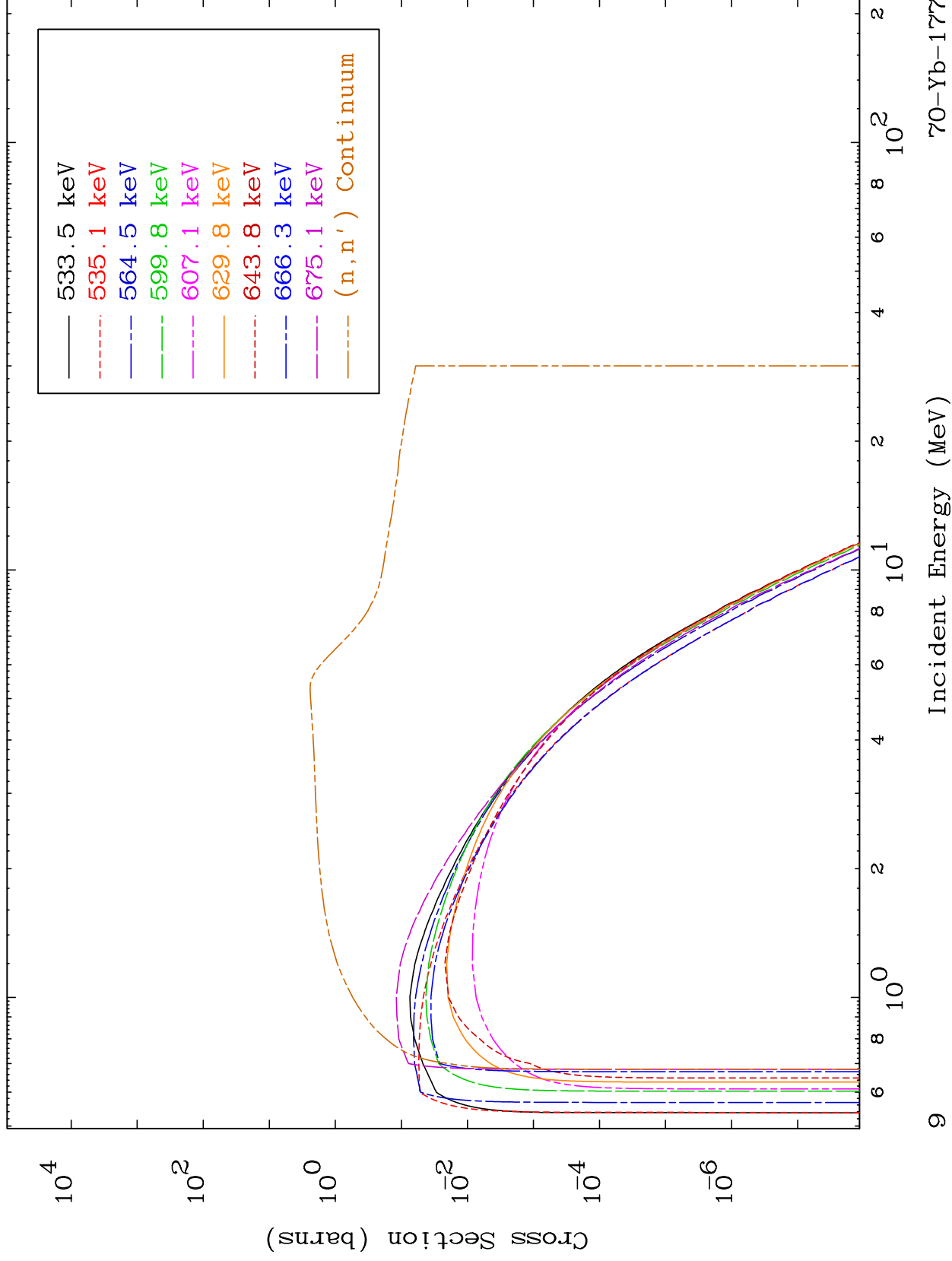
70-Yb-177

8

MAT 7053

(n,n') Level
293 Kelvin Cross Sections

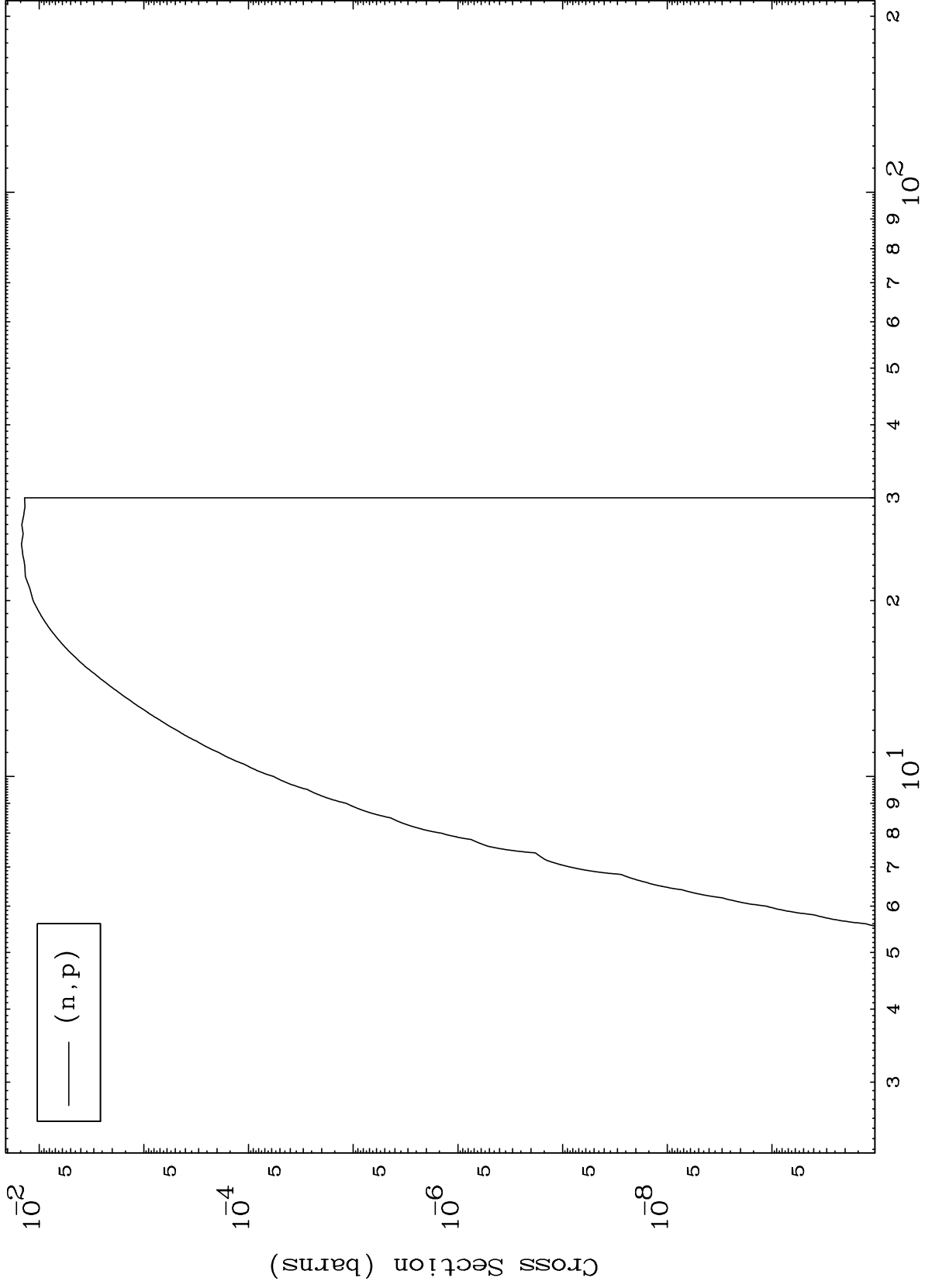
70-Yb-177



MAT 7053

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-177



10

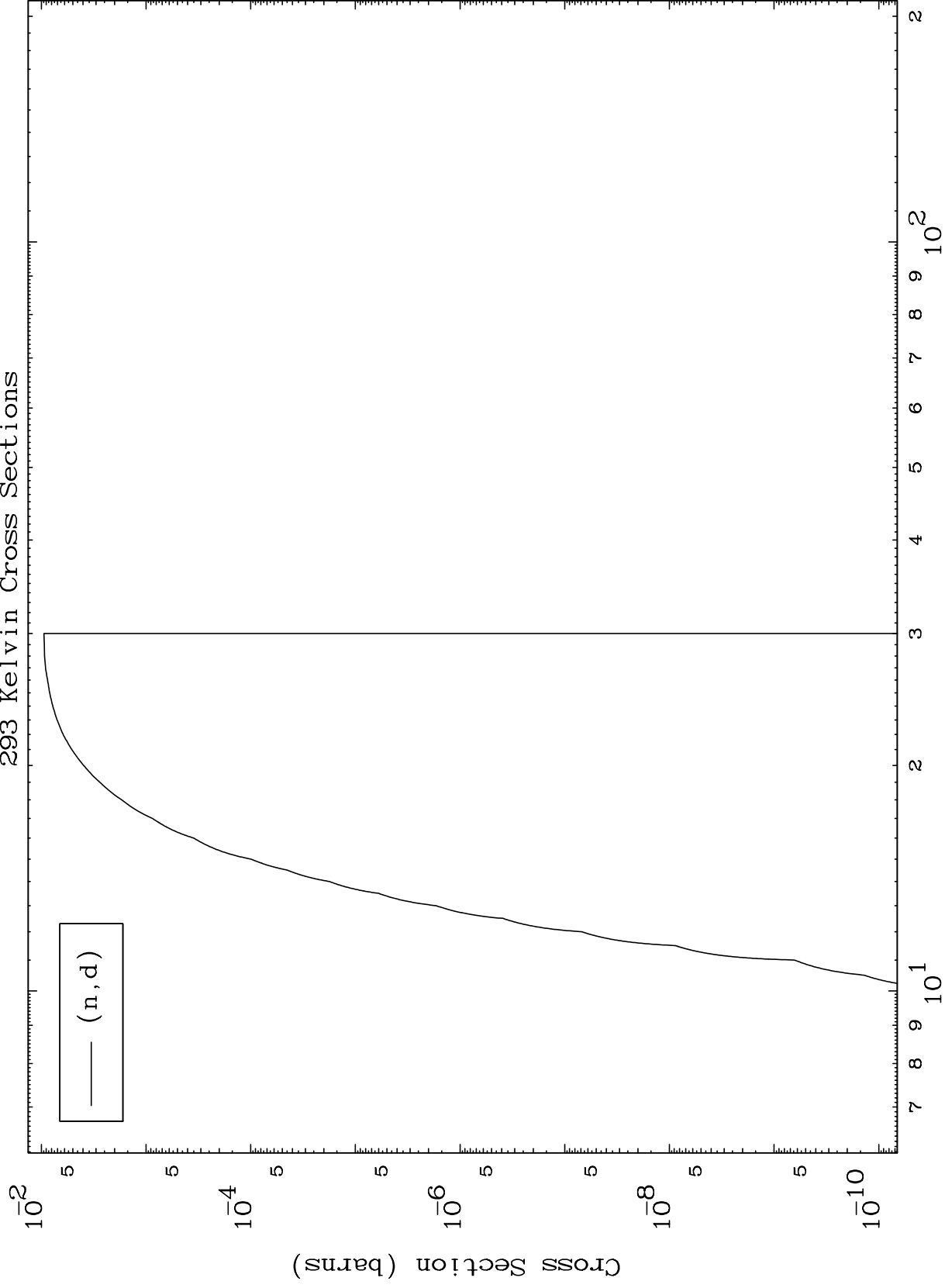
Incident Energy (MeV)

70-Yb-177

MAT 7053

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-177



11

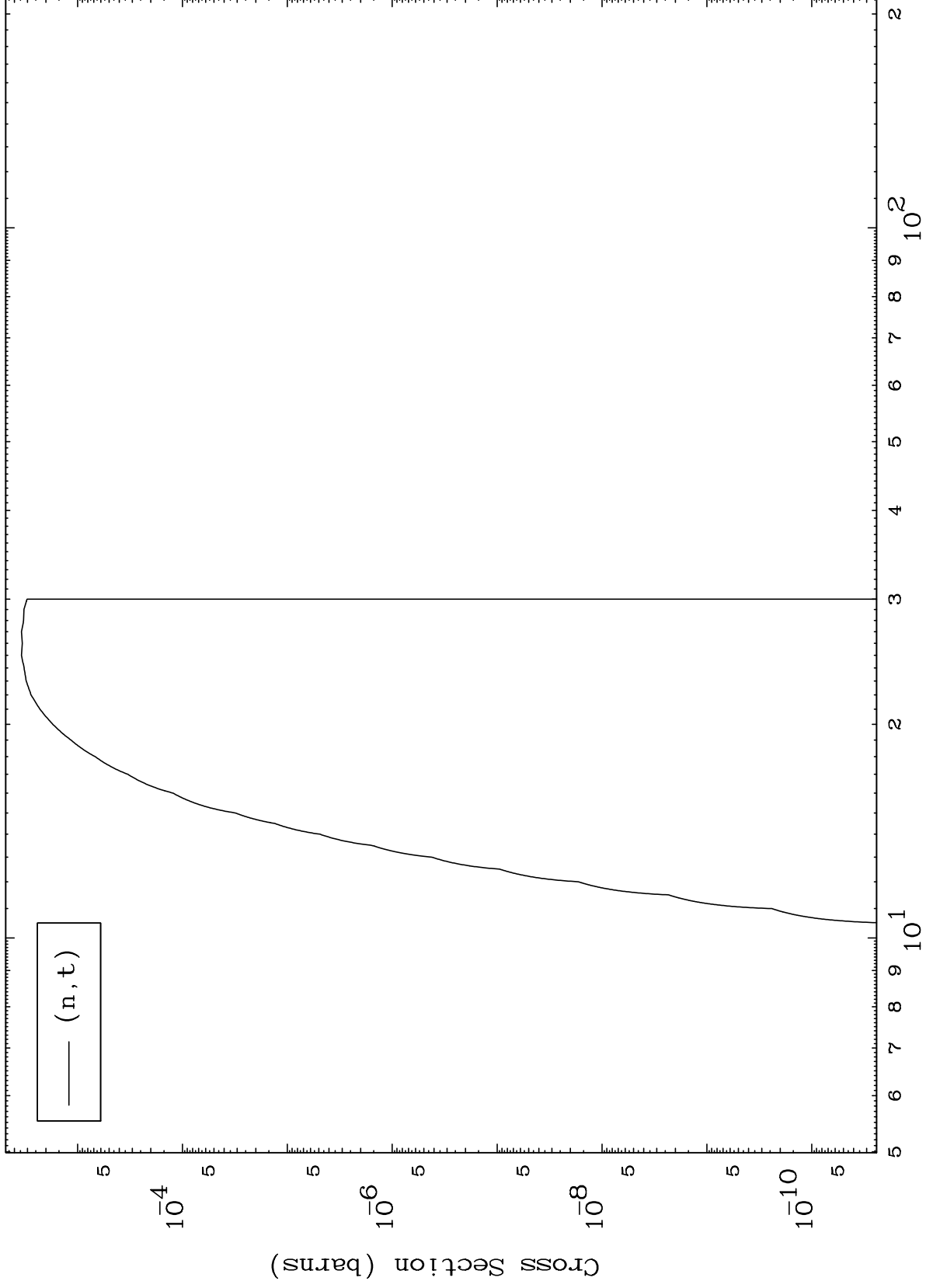
Incident Energy (MeV)

70-Yb-177

MAT 7053

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-177



12

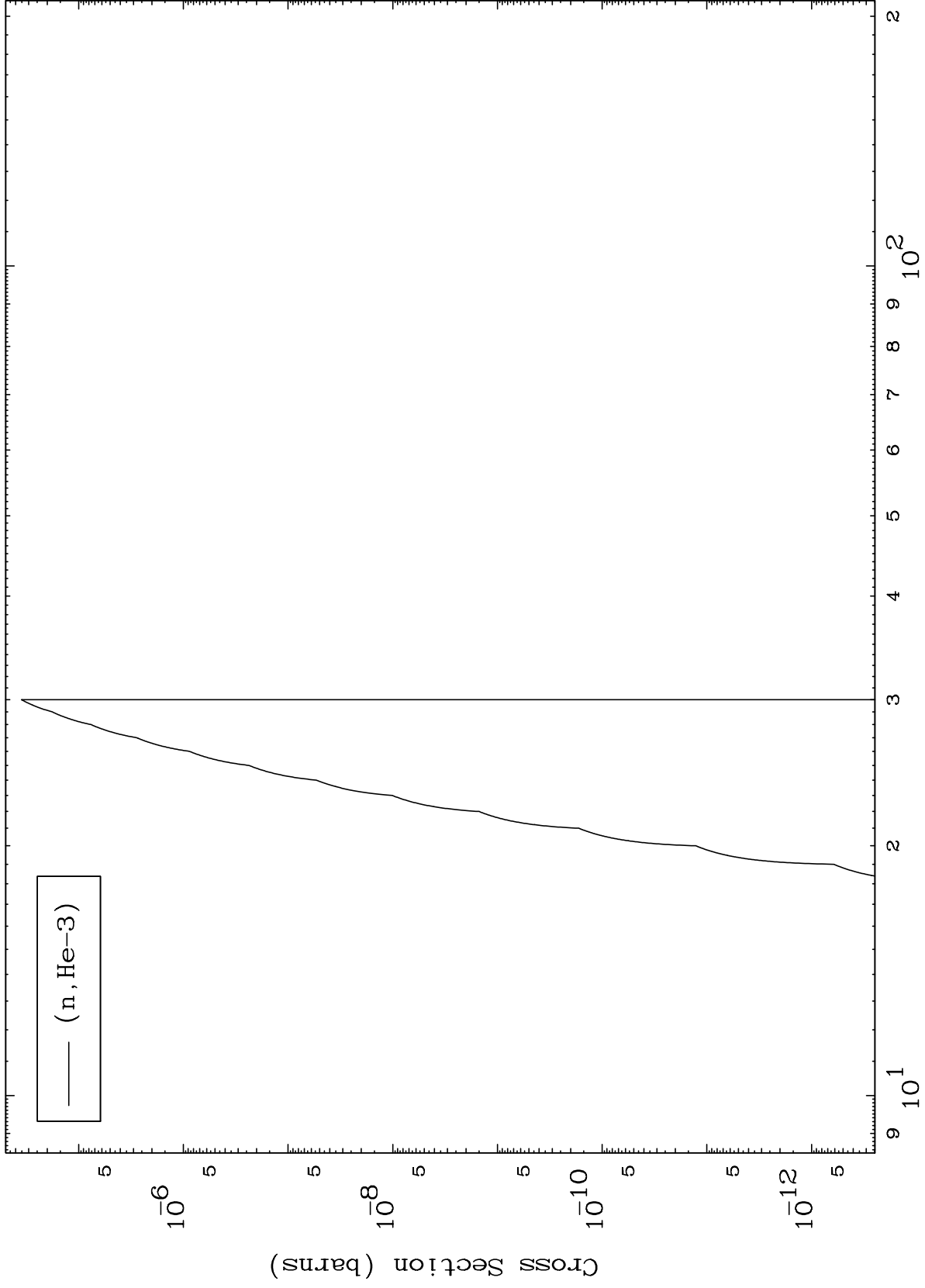
Incident Energy (MeV)

70-Yb-177

MAT 7053

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-177



13

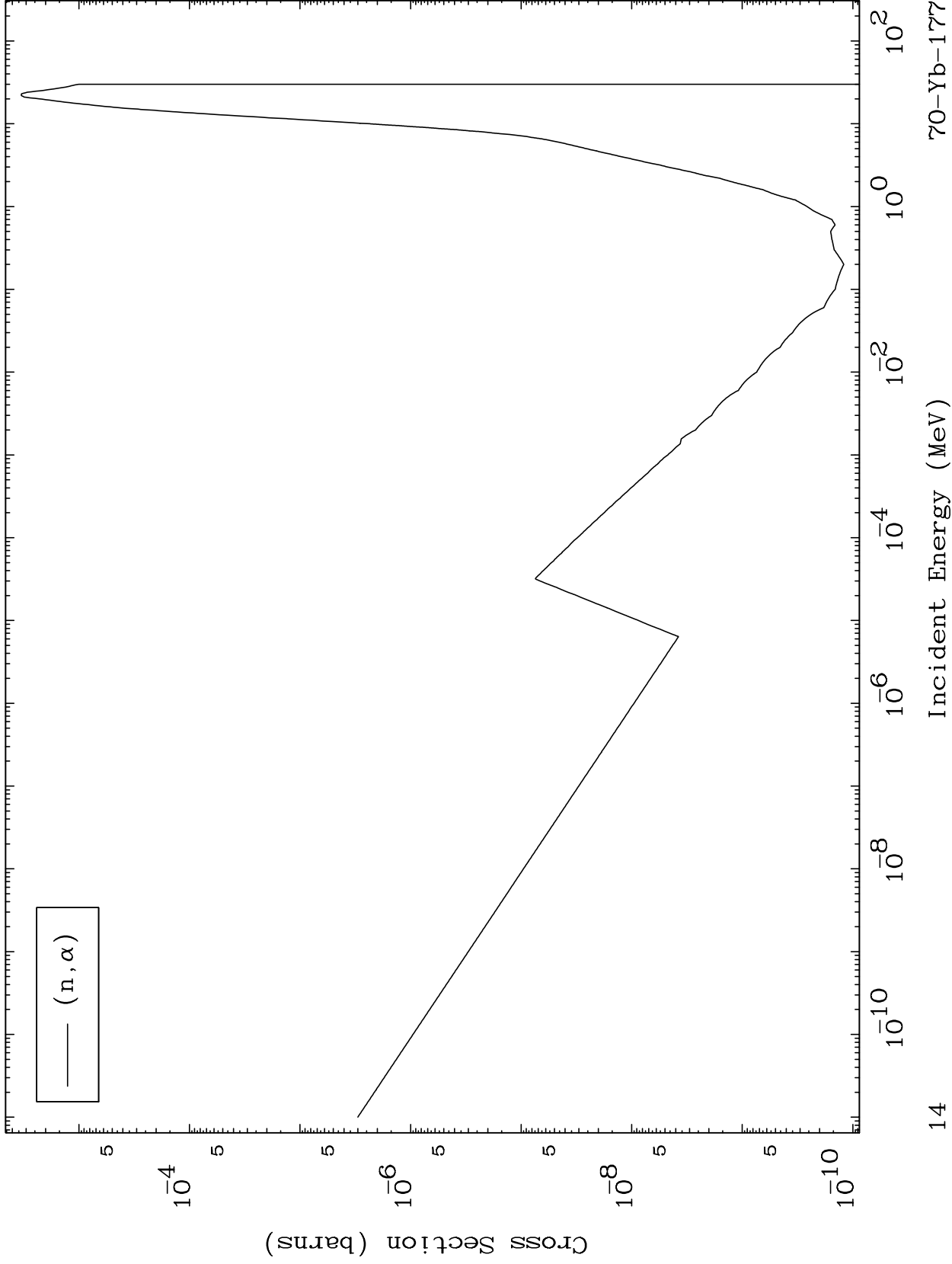
Incident Energy (MeV)

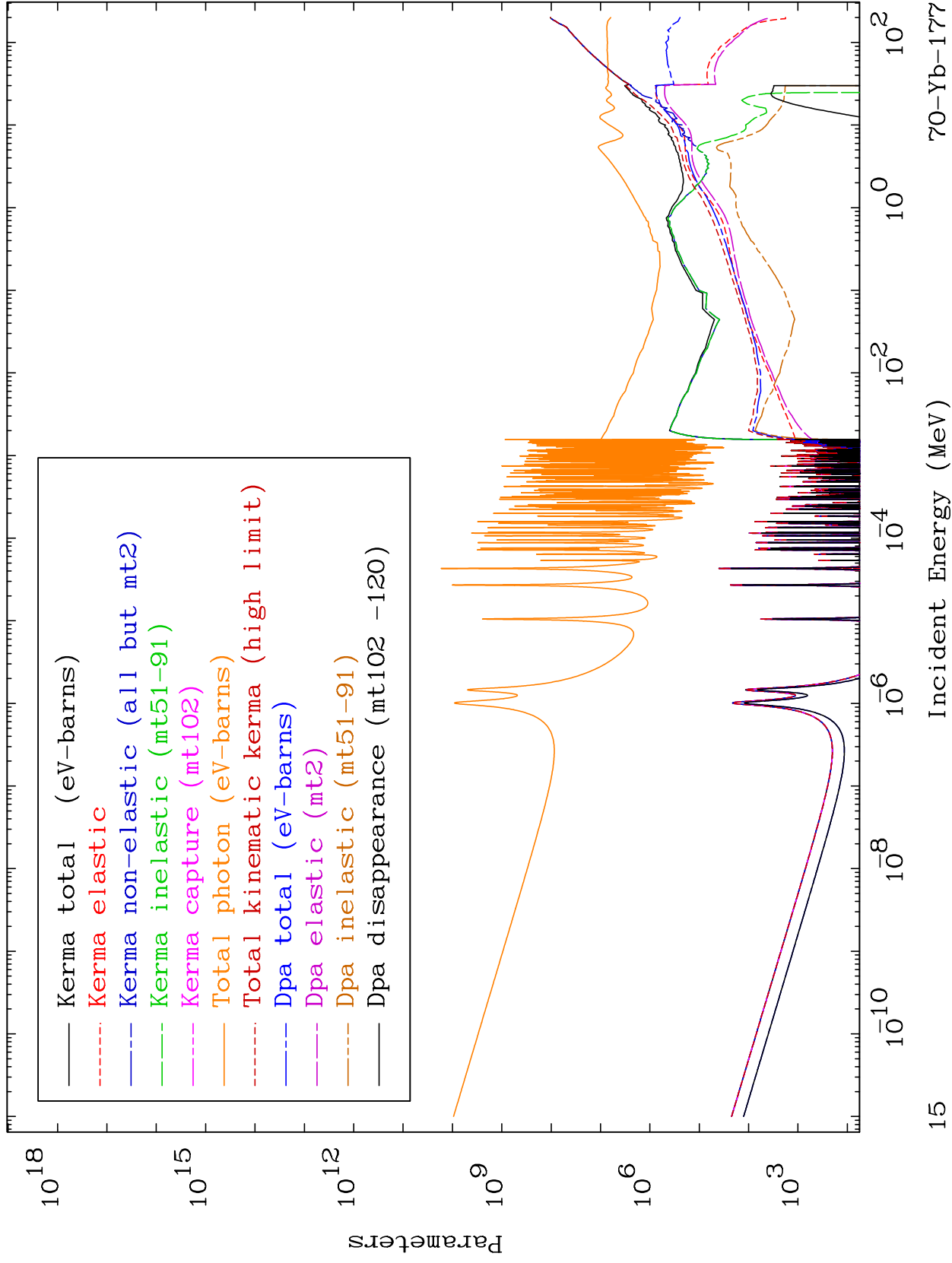
70-Yb-177

MAT 7053

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-177

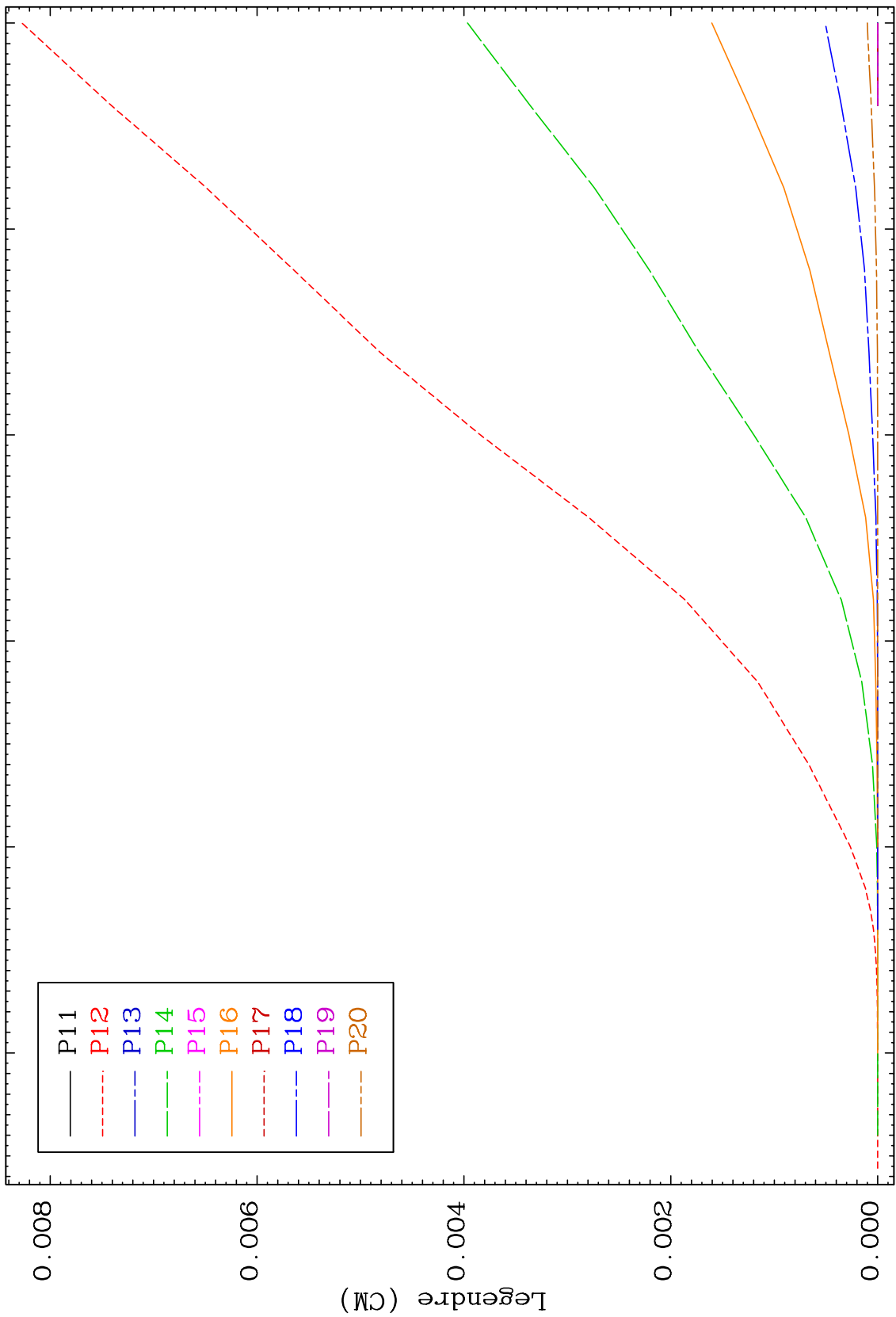




MAT 7053

Elastic
Legendre Coefficients

70-Yb-177



17

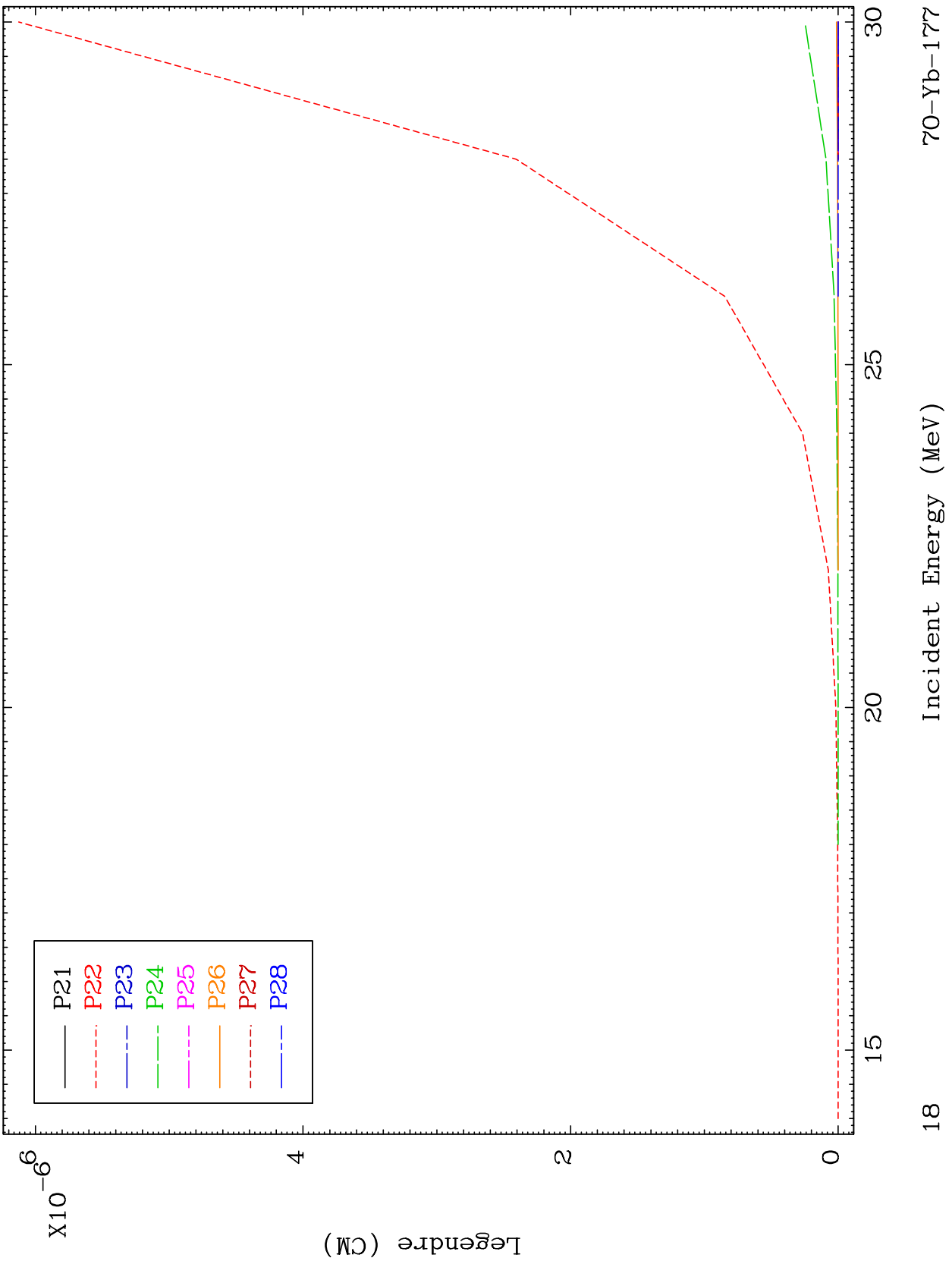
Incident Energy (MeV)

70-Yb-177

MAT 7053

Elastic Legendre Coefficients

70-Yb-177



18

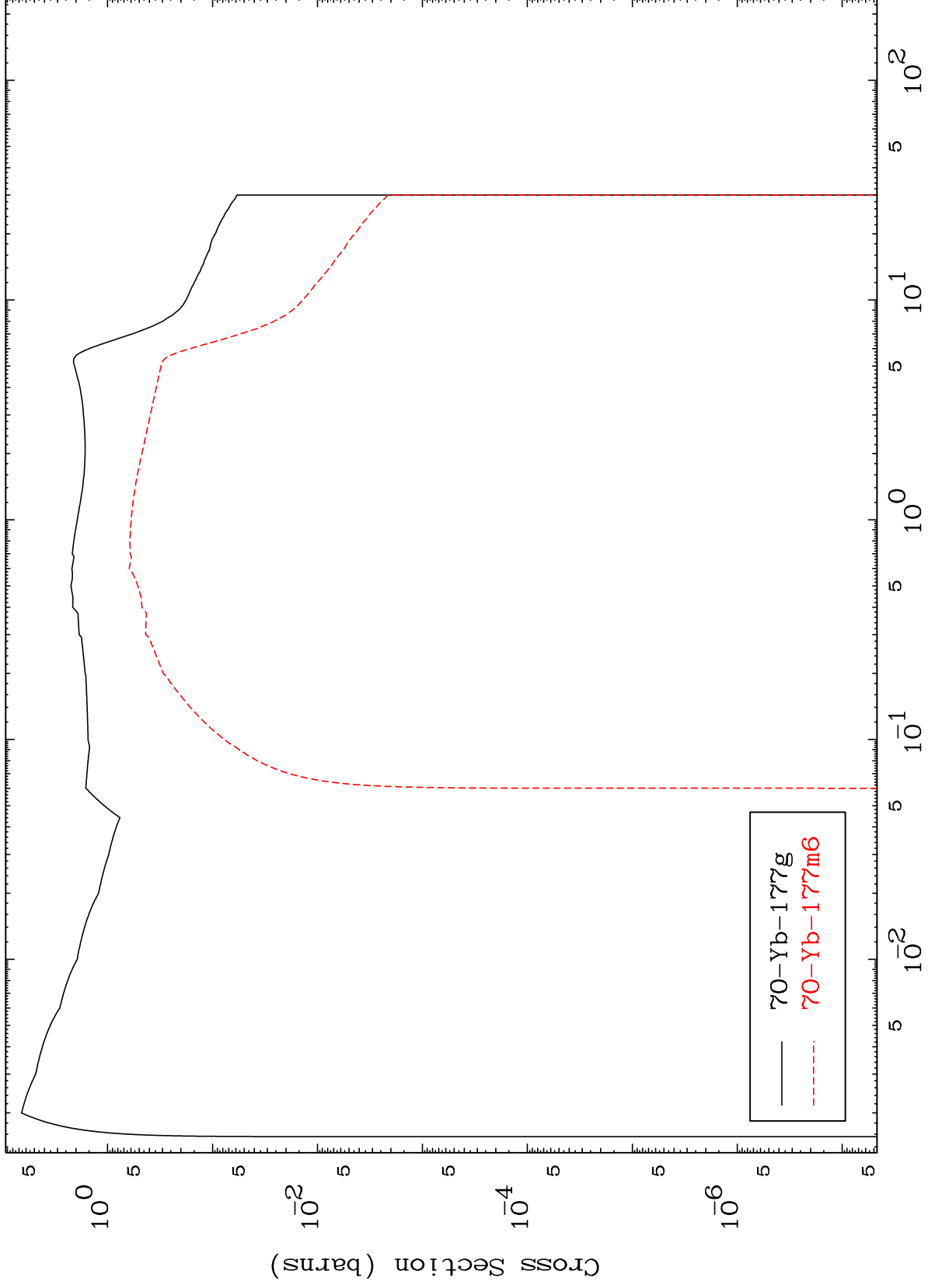
Incident Energy (MeV)

70-Yb-177

MAT 7053

Inelastic
Radionuclide Production Cross Section

$^{70}\text{Yb-177}$

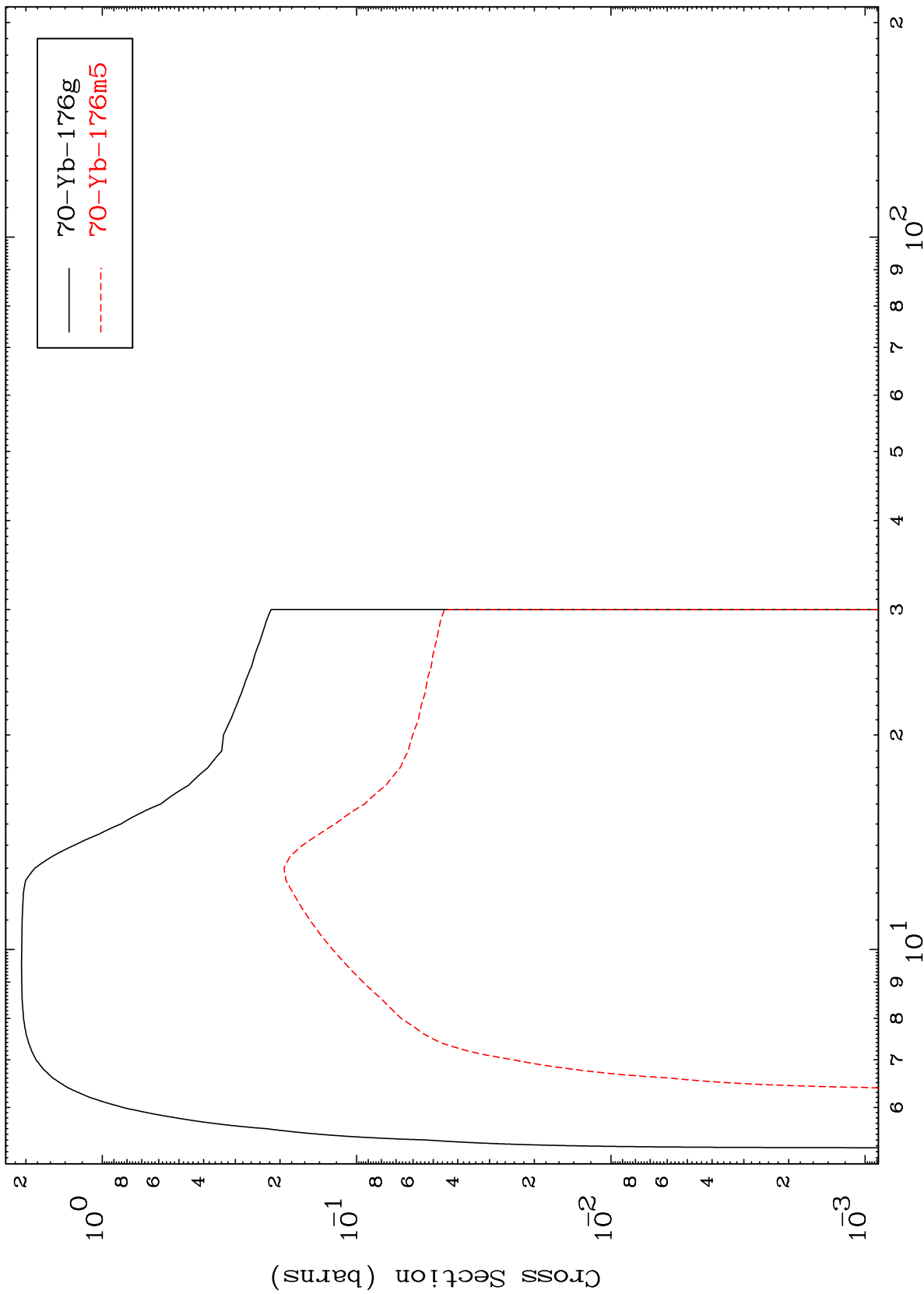


$^{70}\text{Yb-177}$

MAT 7053

⁷⁰Yb-177

(n,2n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

⁷⁰Yb-177