

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

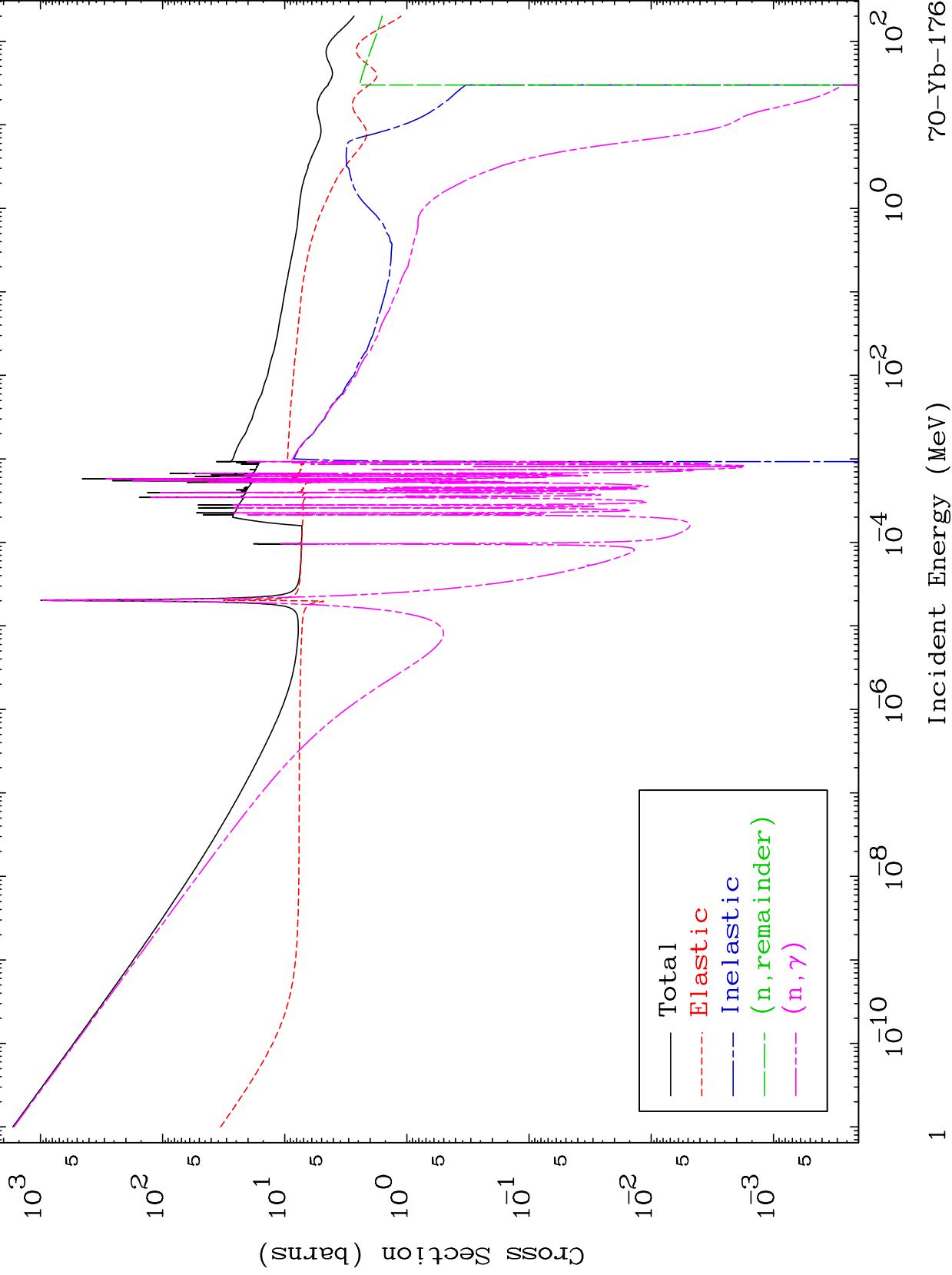
Press Mouse Button to Start

MAT 7050

Major

293 Kelvin Cross Sections

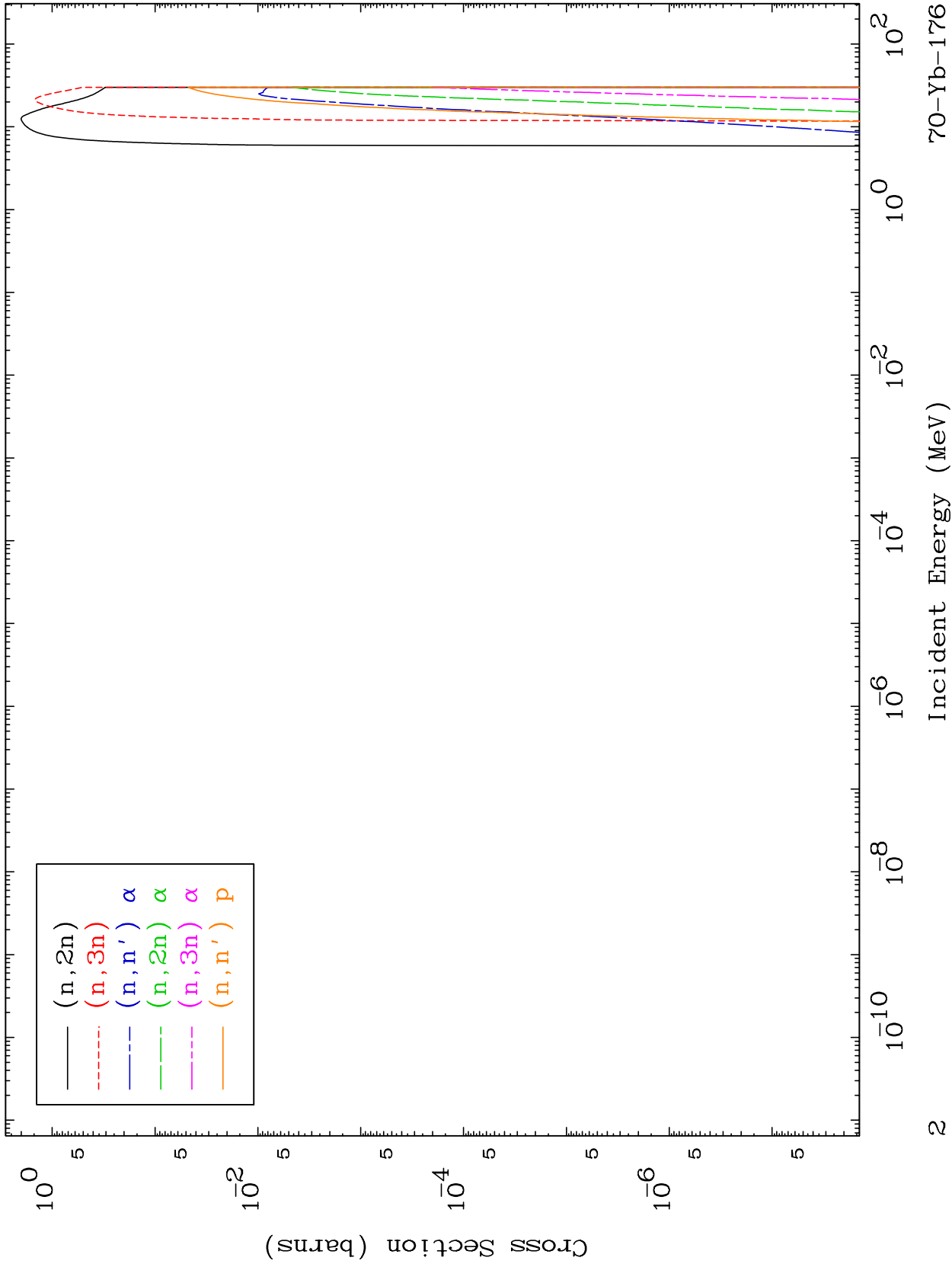
70-Yb-176

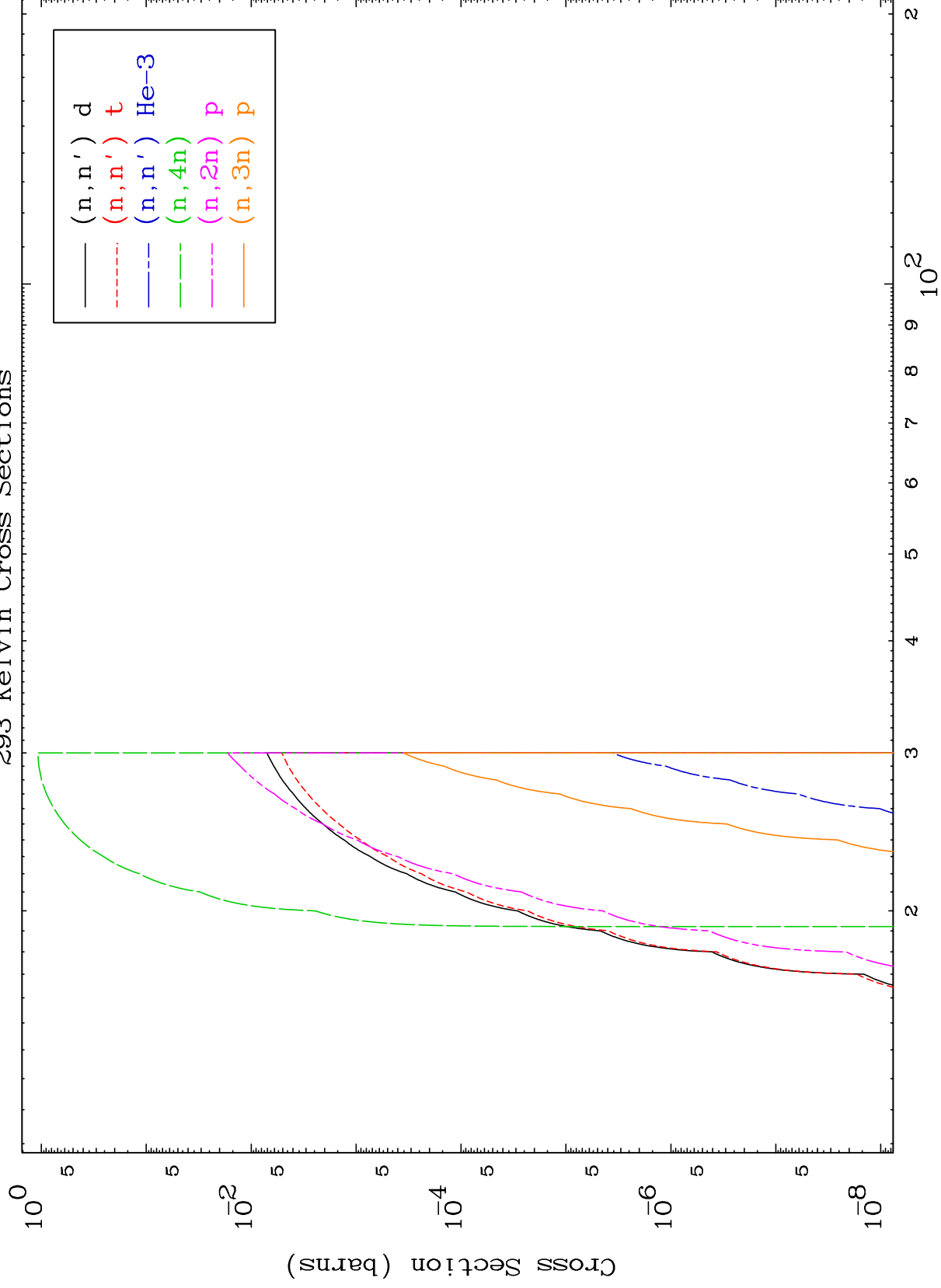


MAT 7050

Neutron Production
293 Kelvin Cross Sections

70-Yb-176

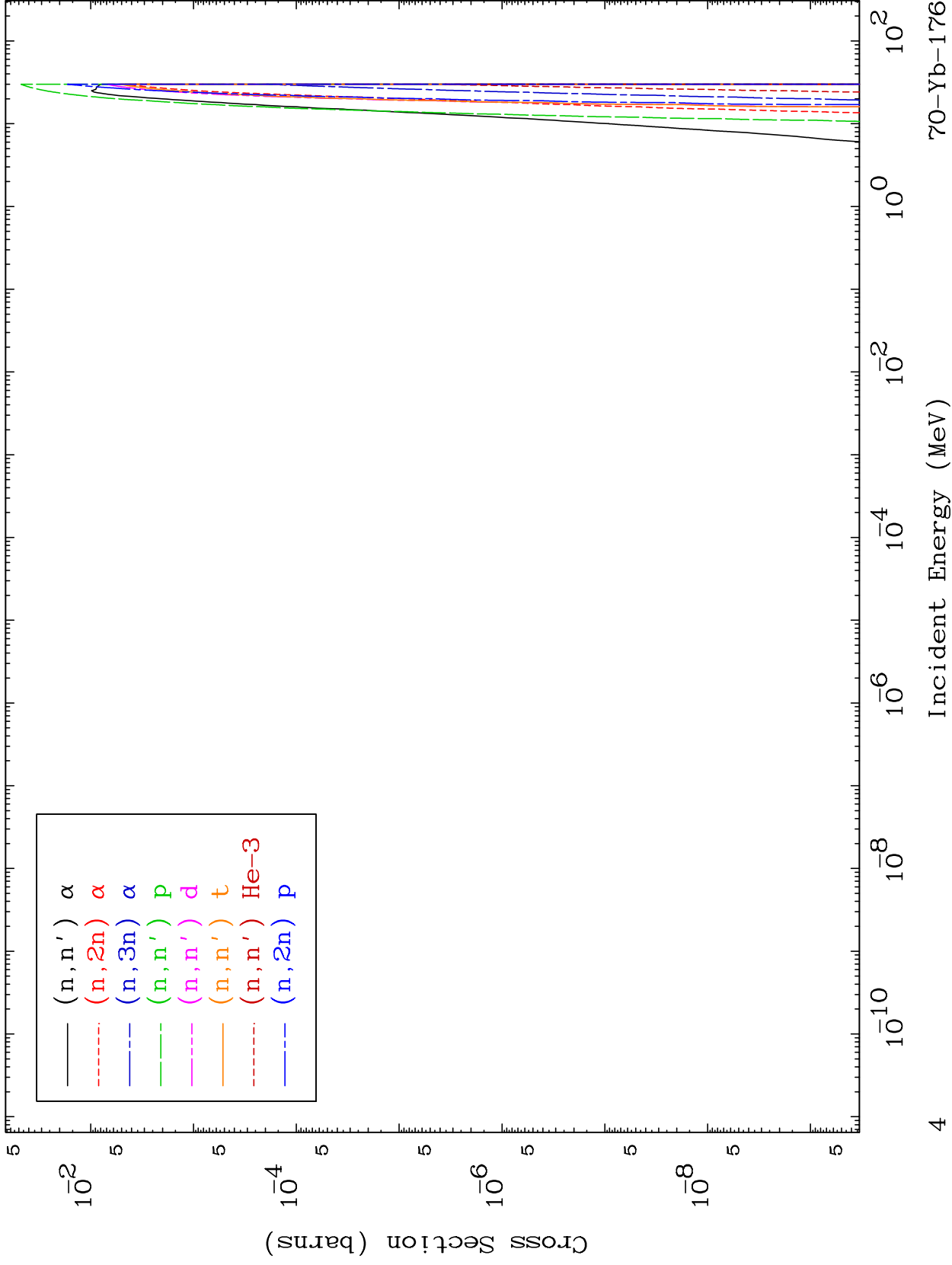




MAT 7050

Charged Particle
293 Kelvin Cross Sections

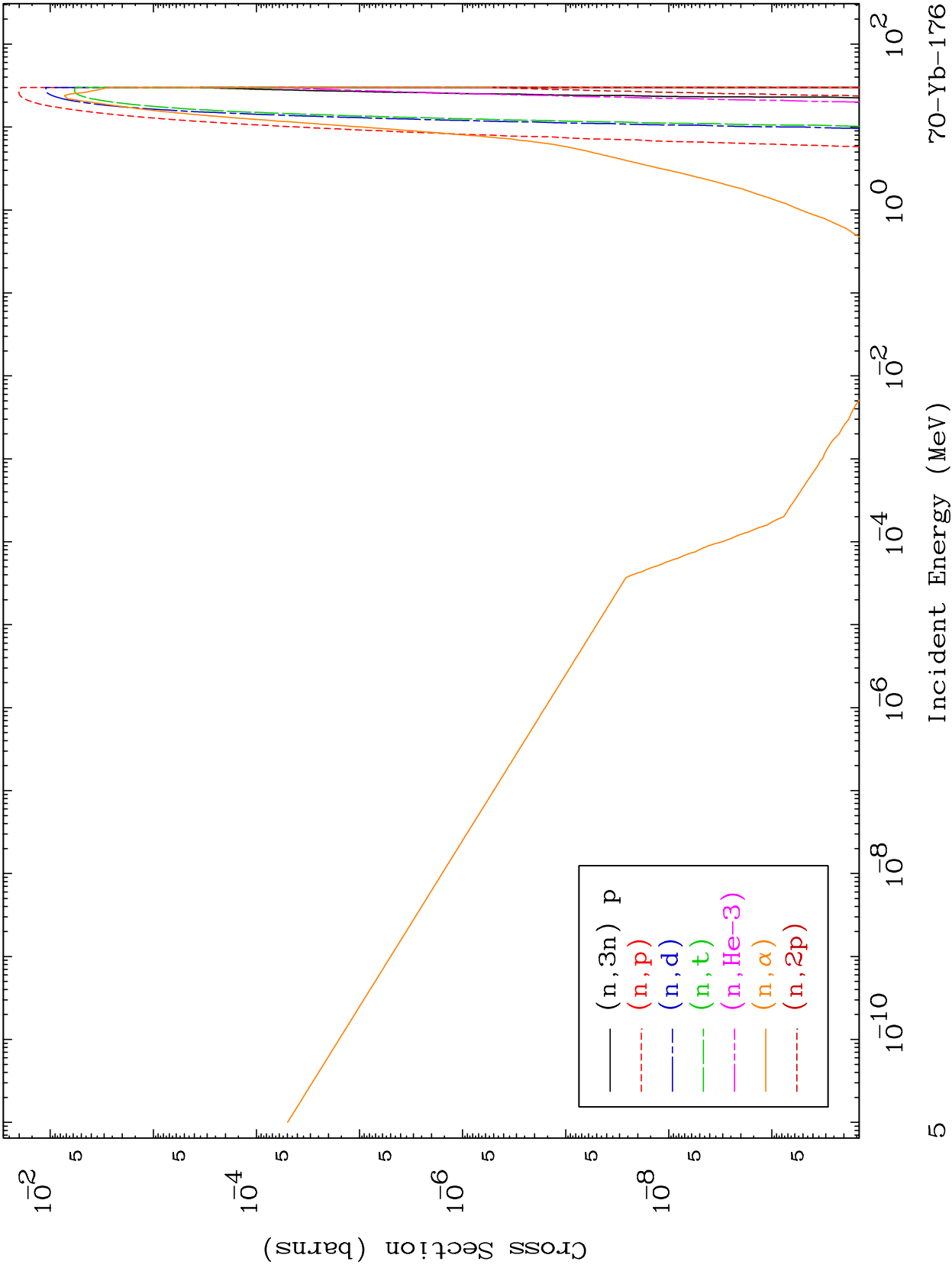
70-Yb-176



MAT 7050

Charged Particle
293 Kelvin Cross Sections

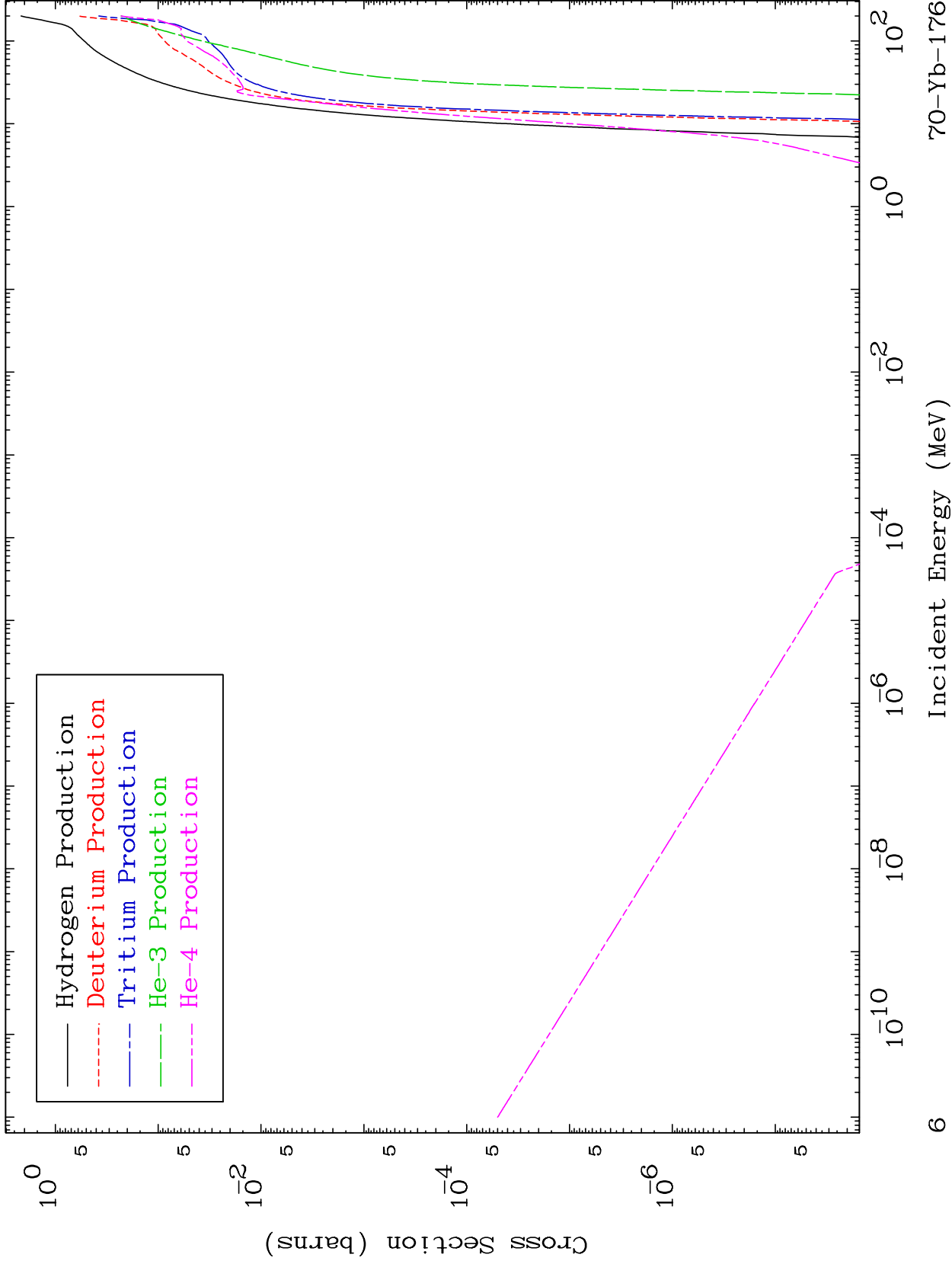
70-Yb-176



MAT 7050

Particle Production
293 Kelvin Cross Sections

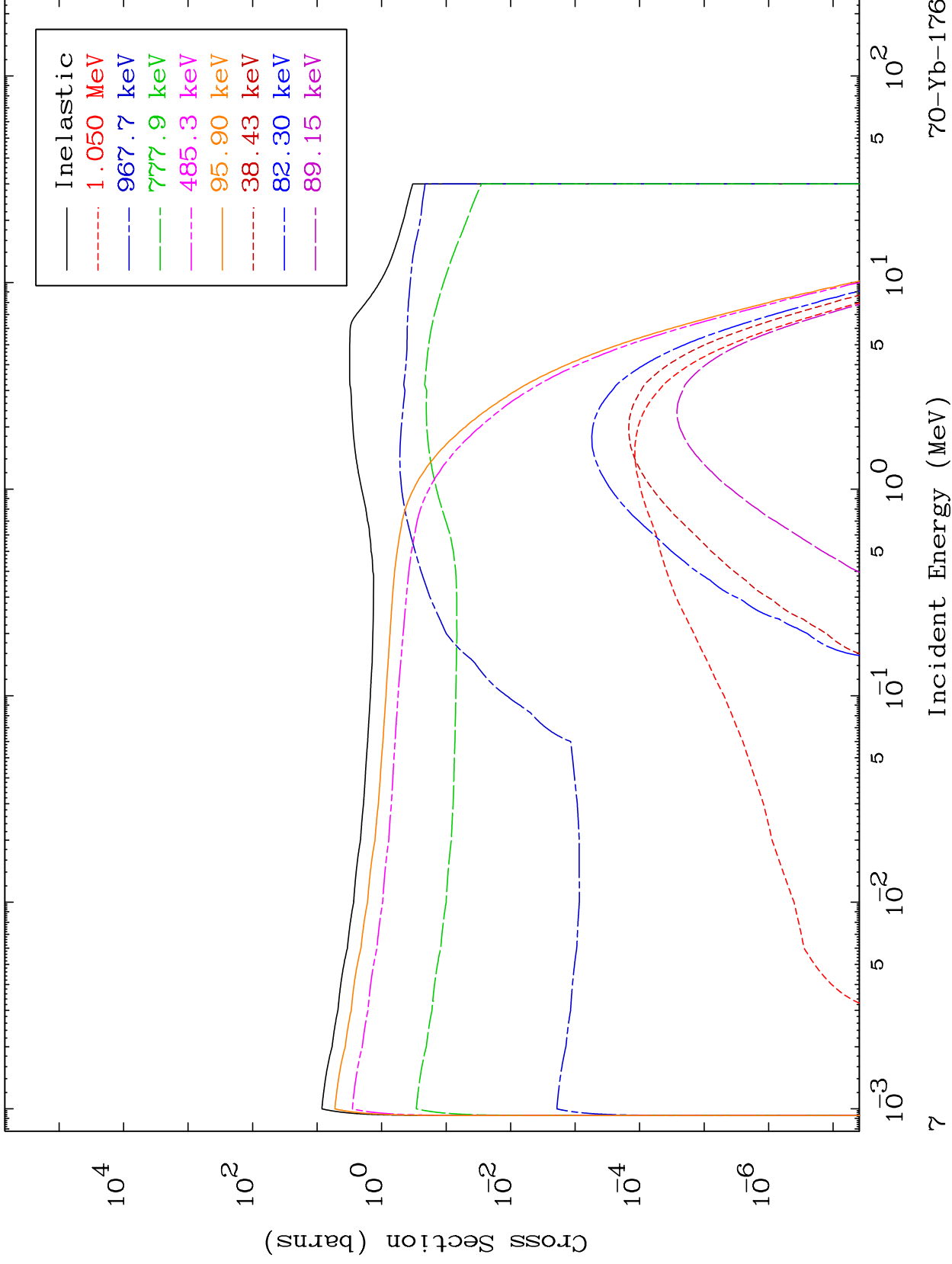
70-Yb-176



MAT 7050

(n,n') Level
293 Kelvin Cross Sections

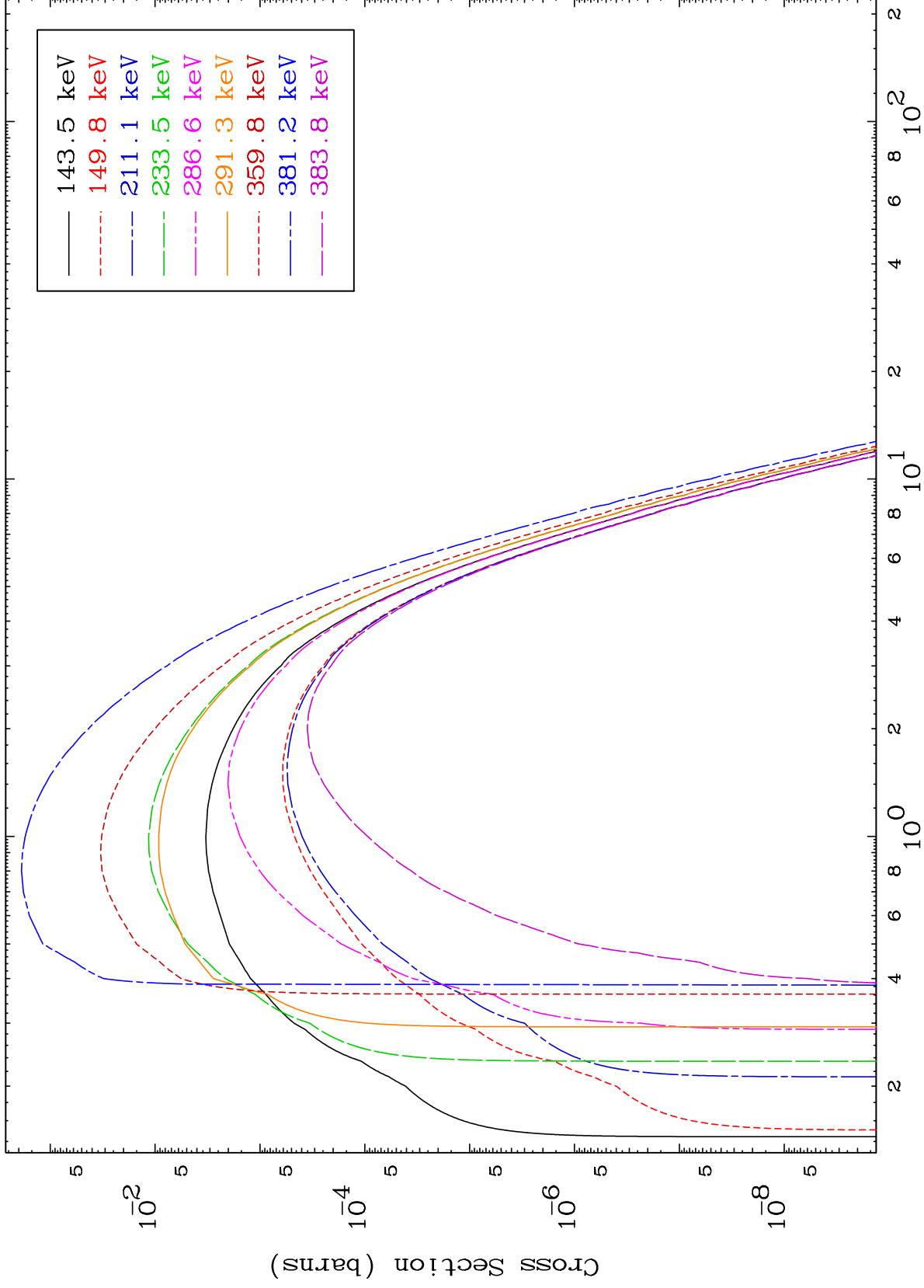
70-Yb-176



MAT 7050

(n,n') Level
293 Kelvin Cross Sections

70-Yb-176



8

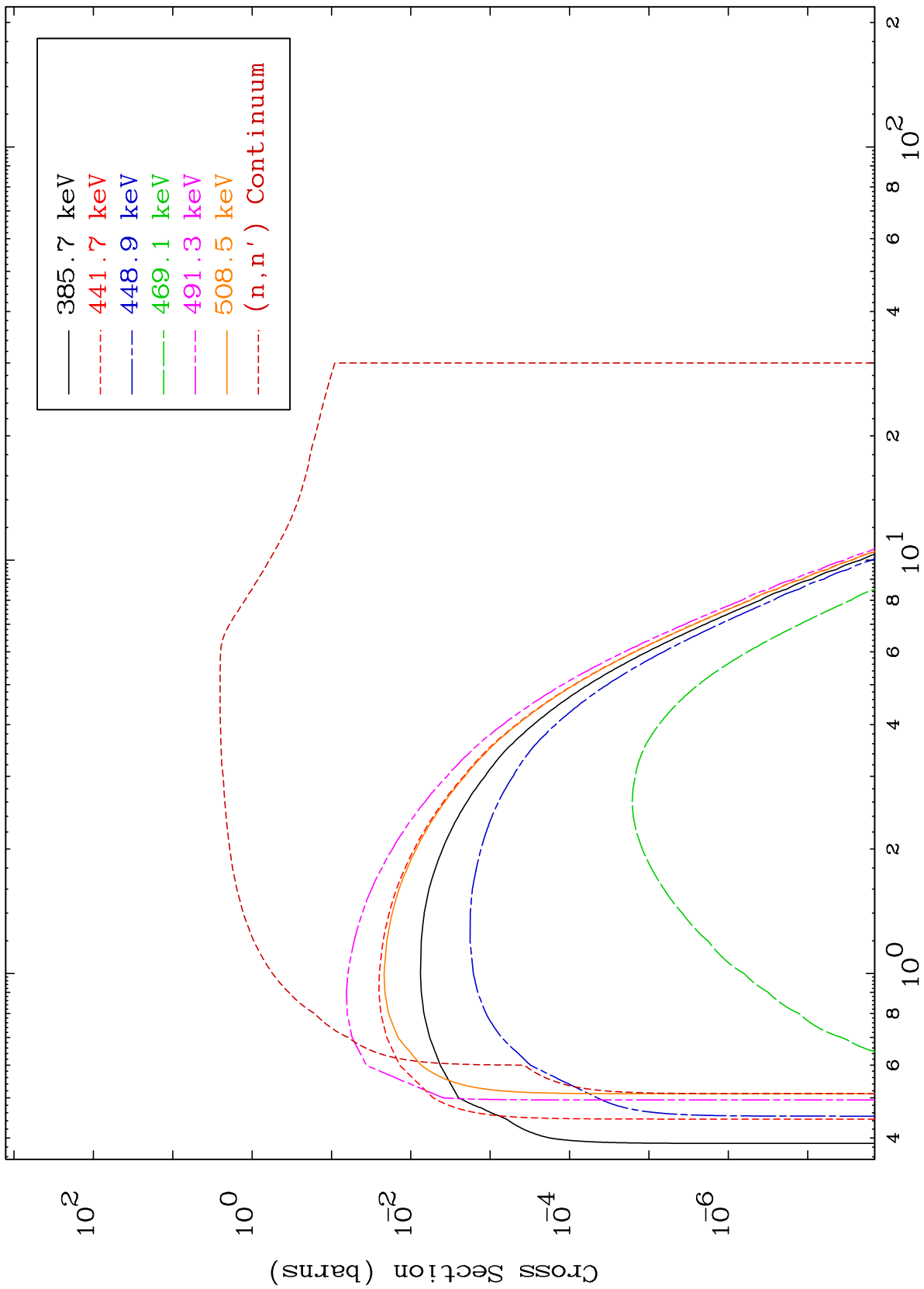
Incident Energy (MeV)

70-Yb-176

MAT 7050

(n,n') Level
293 Kelvin Cross Sections

70-Yb-176



9

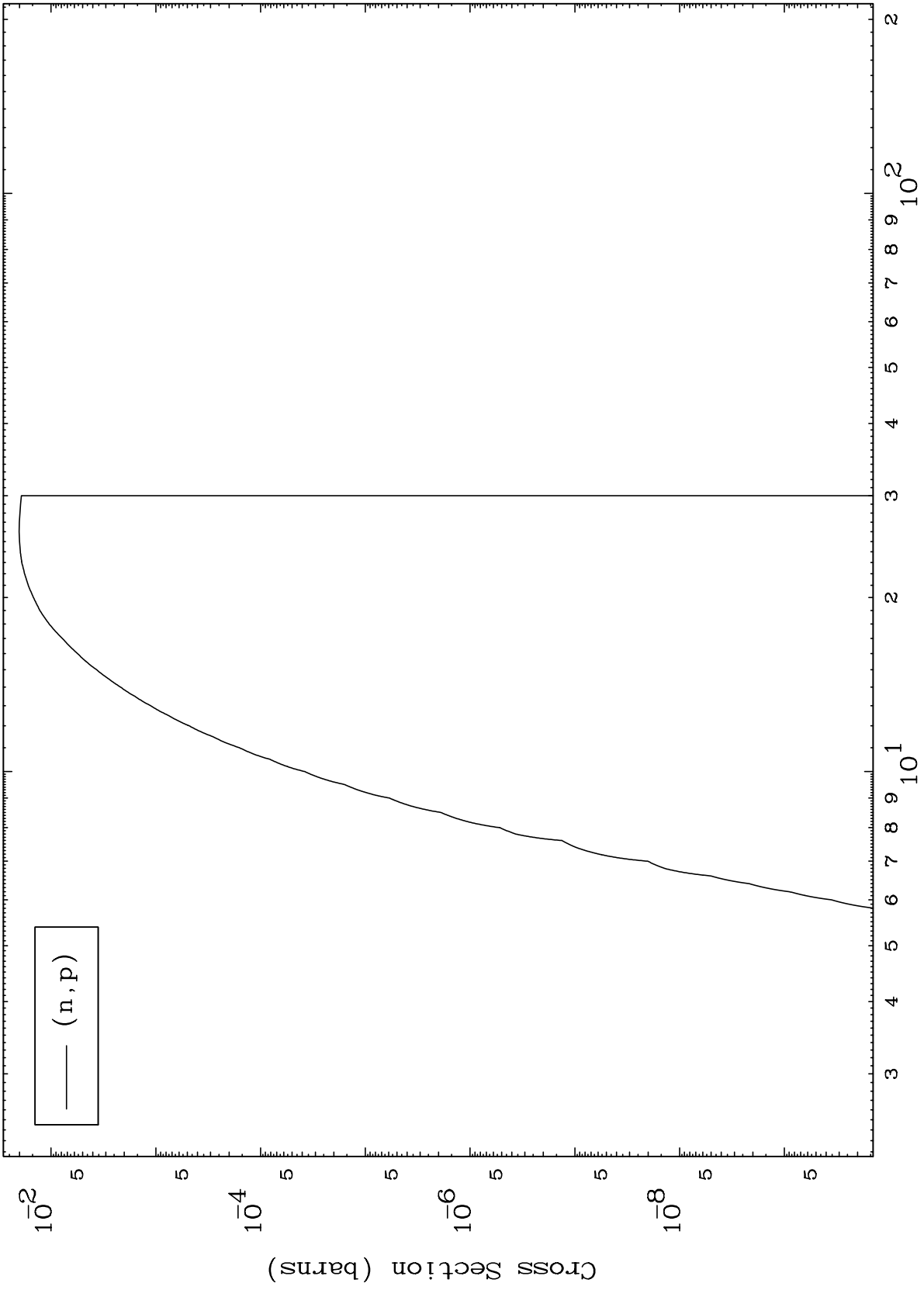
Incident Energy (MeV)

70-Yb-176

MAT 7050

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-176



10

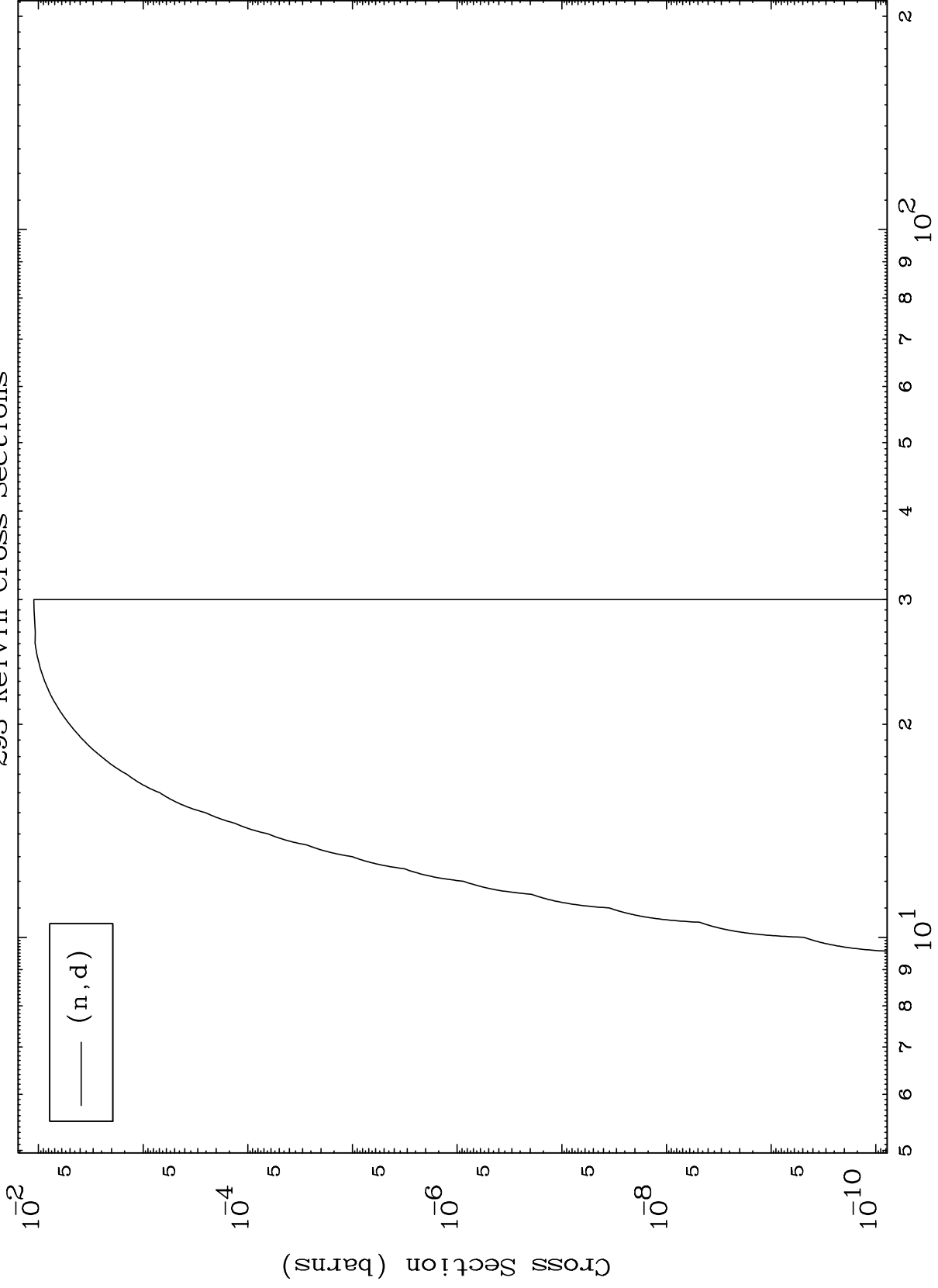
Incident Energy (MeV)

70-Yb-176

MAT 7050

(n,d) Levels
293 Kelvin Cross Sections

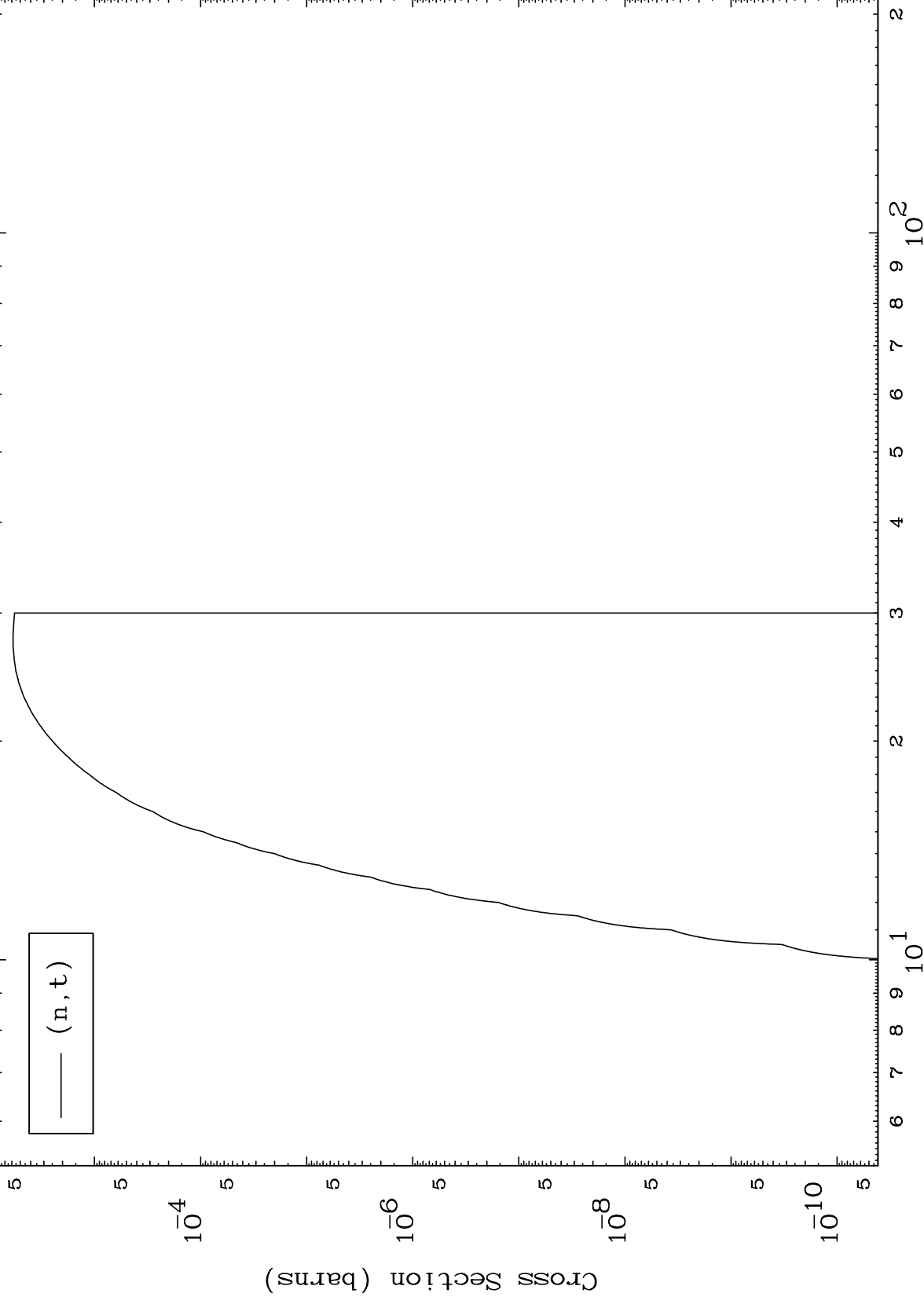
70-Yb-176



MAT 7050

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-176



12

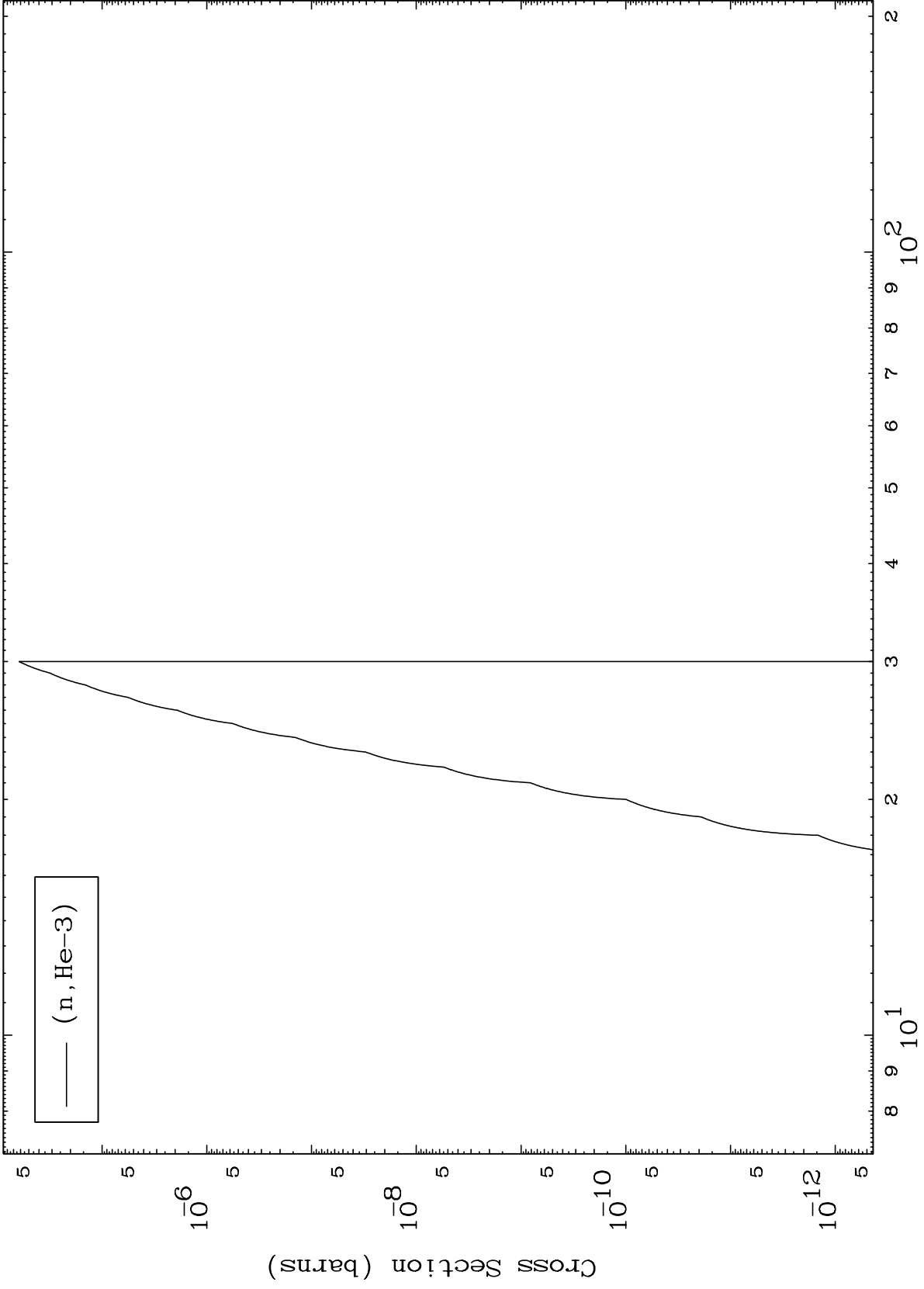
Incident Energy (MeV)

70-Yb-176

MAT 7050

(n,He3) Levels
293 Kelvin Cross Sections

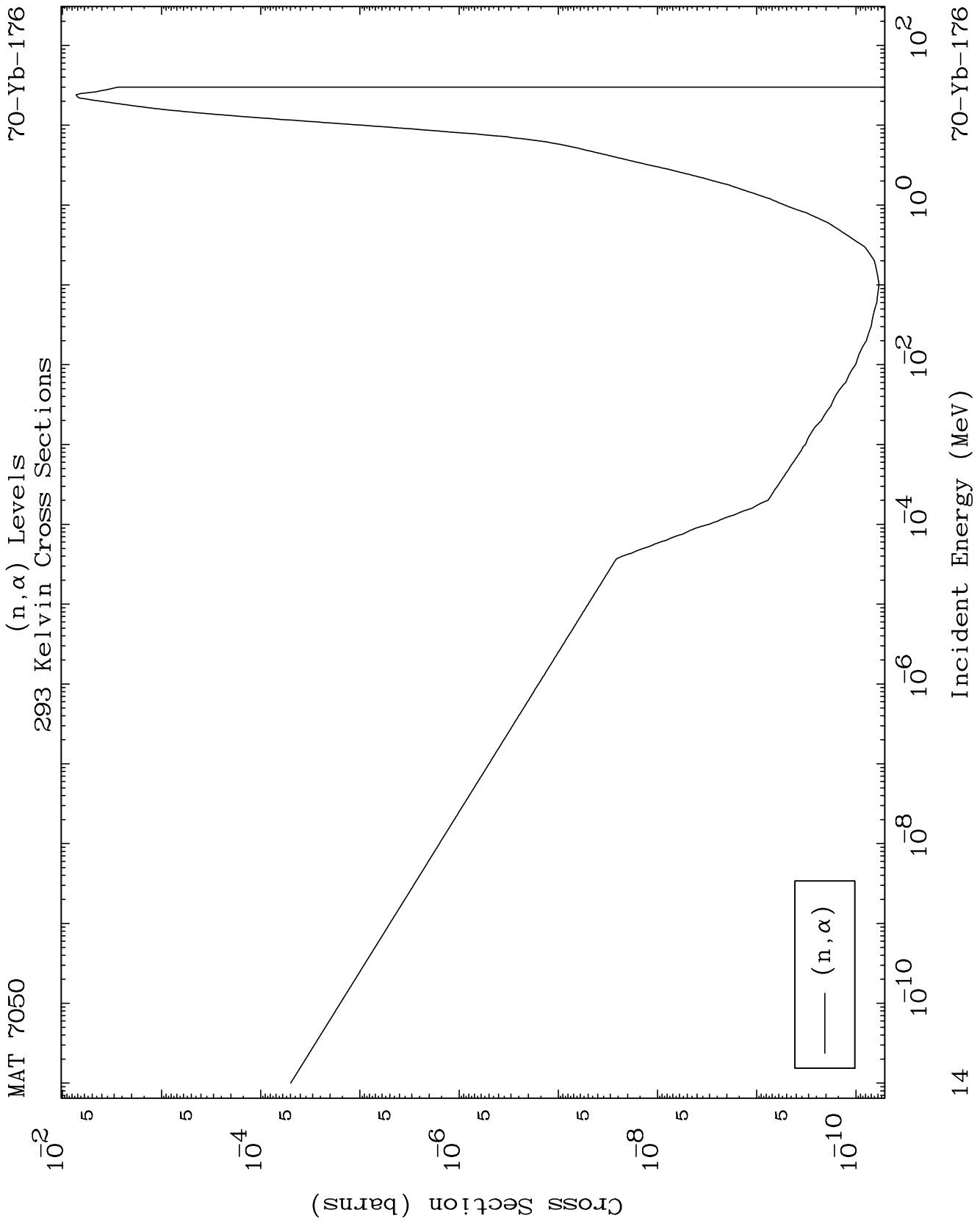
70-Yb-176

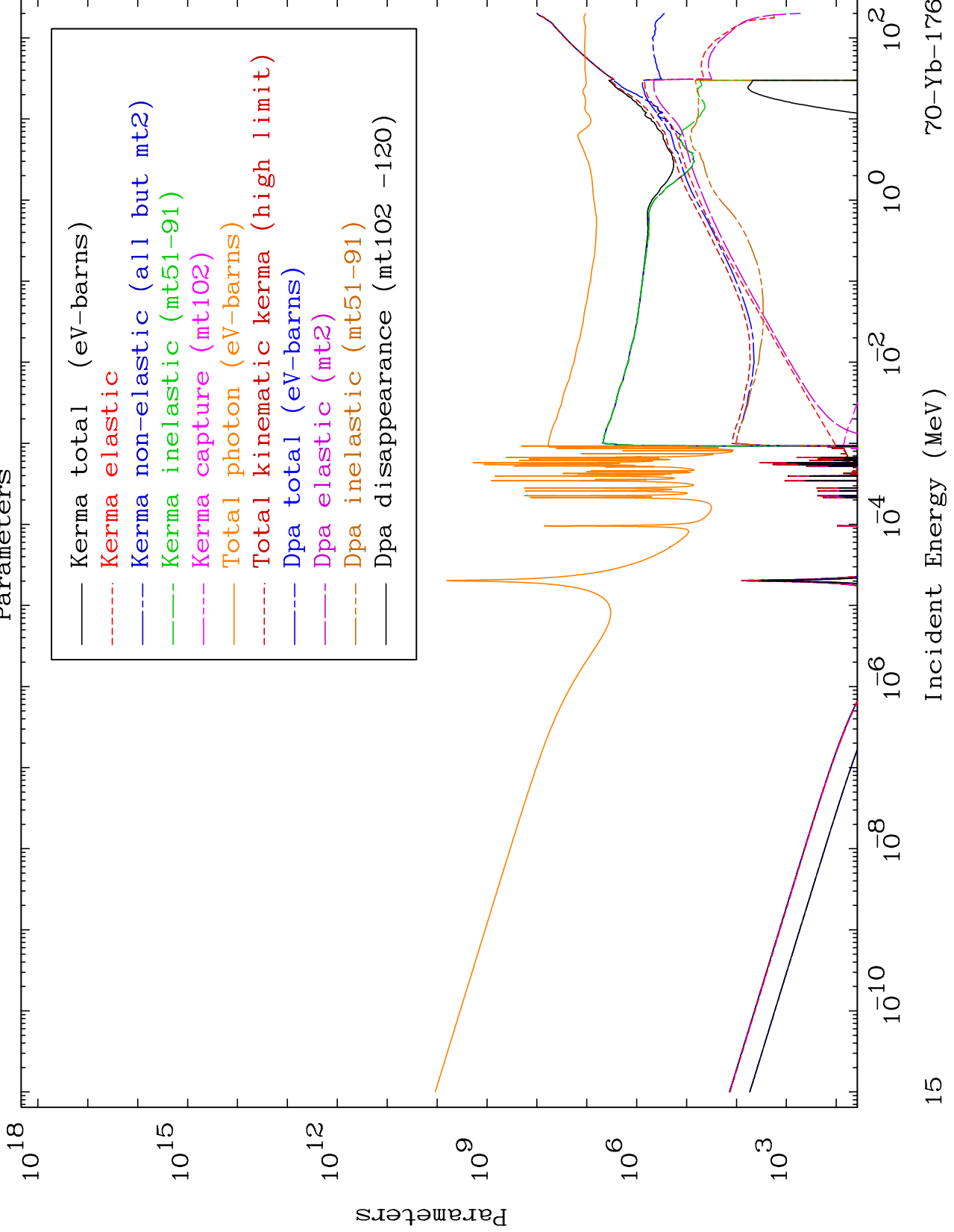


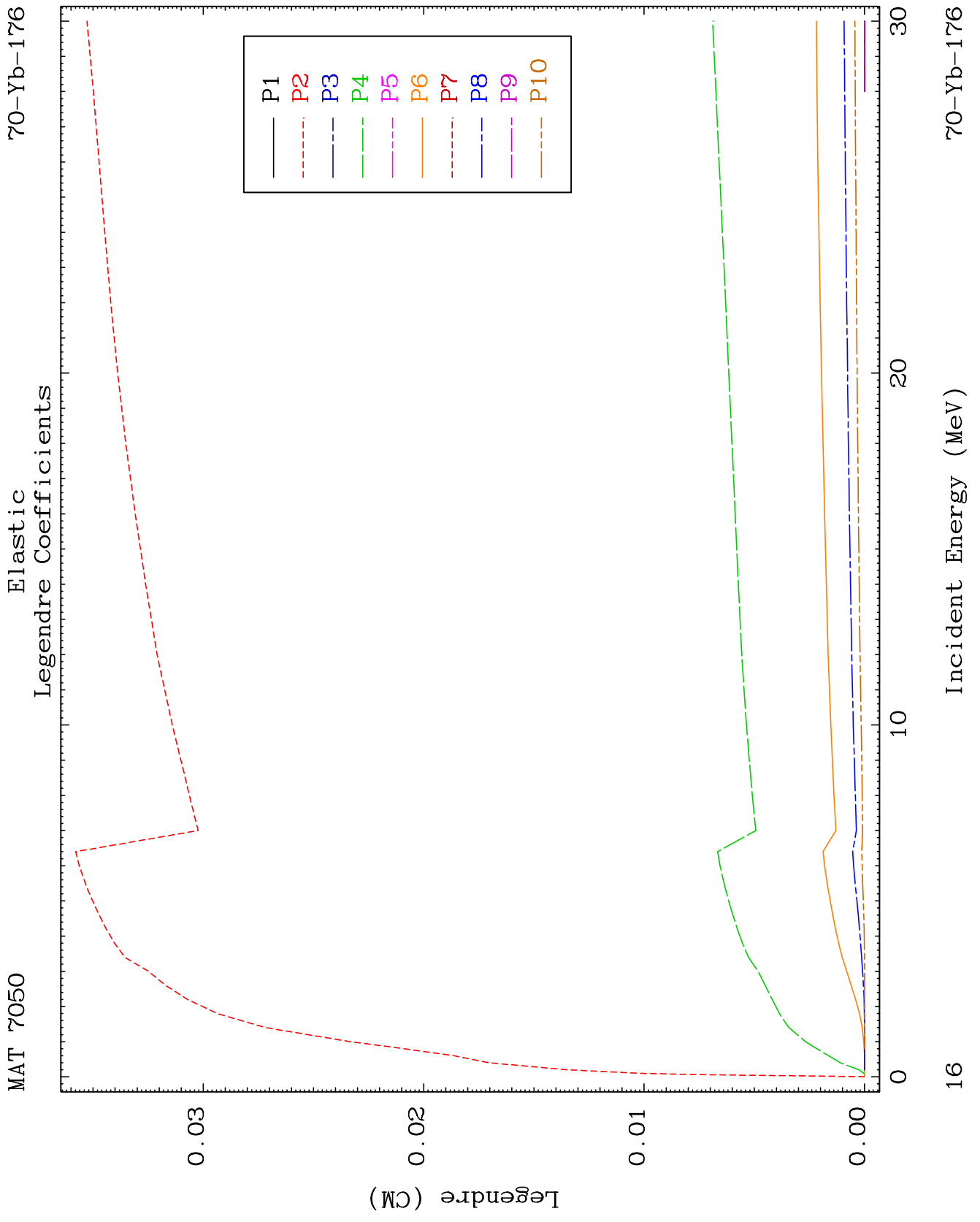
13

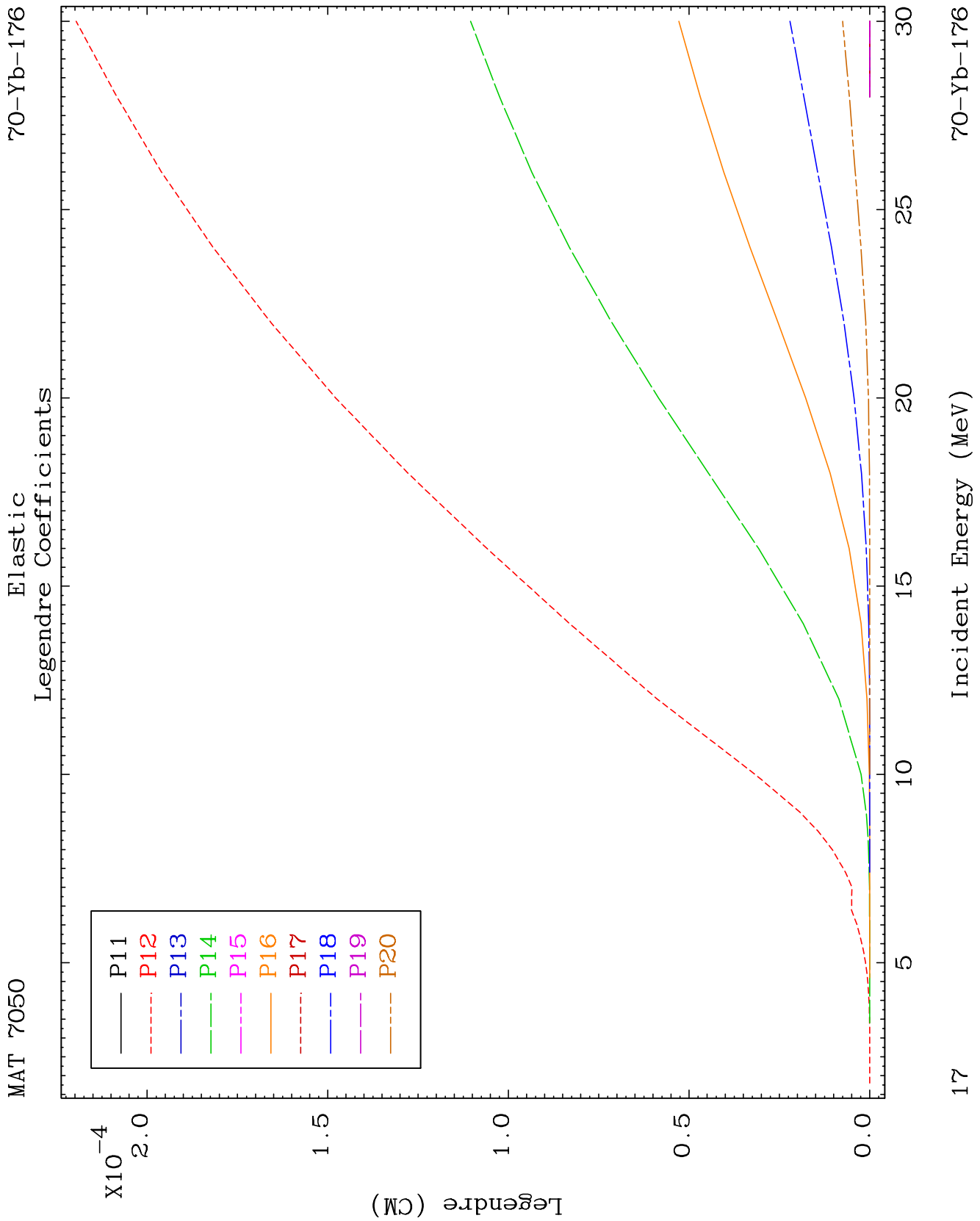
Incident Energy (MeV)

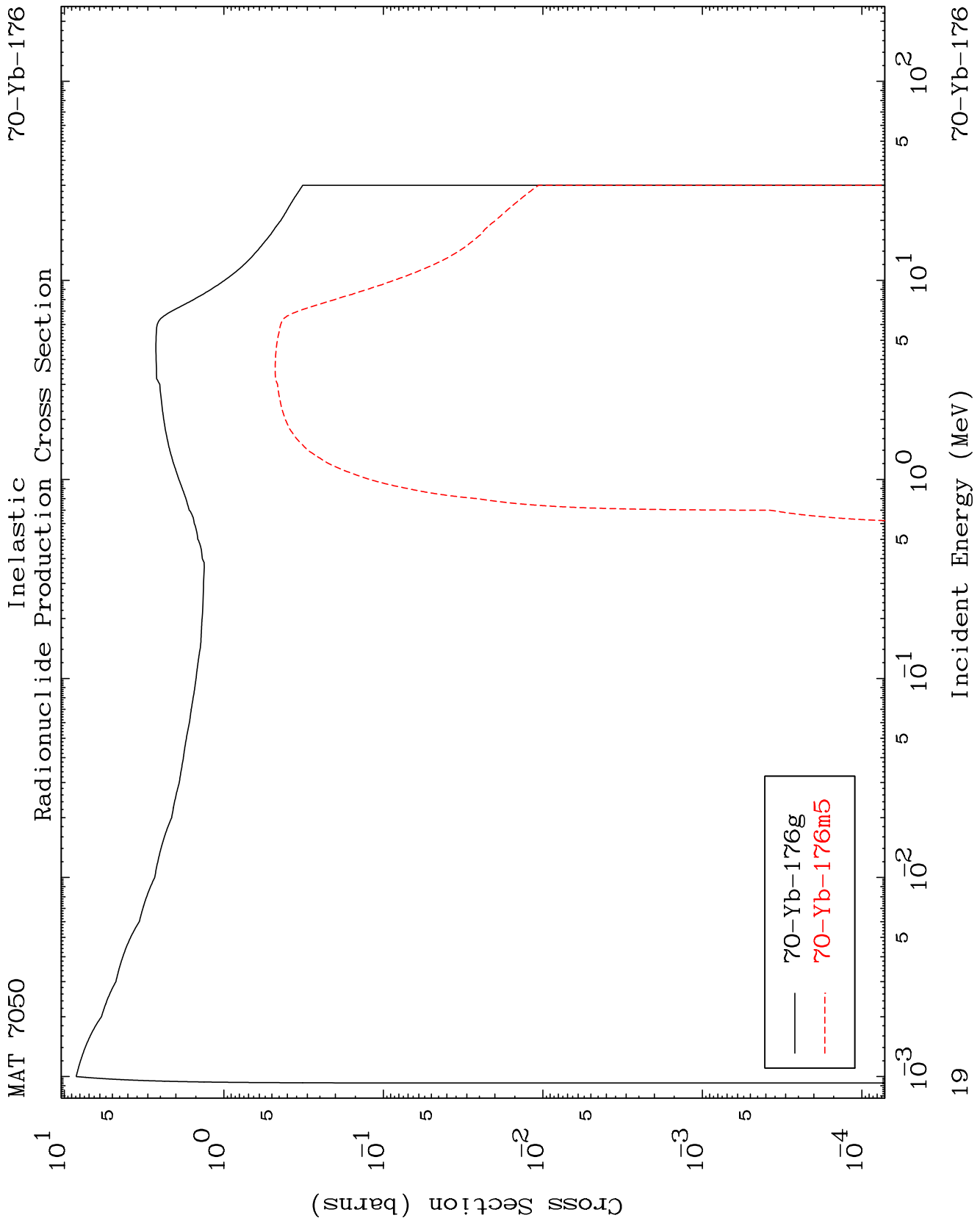
70-Yb-176









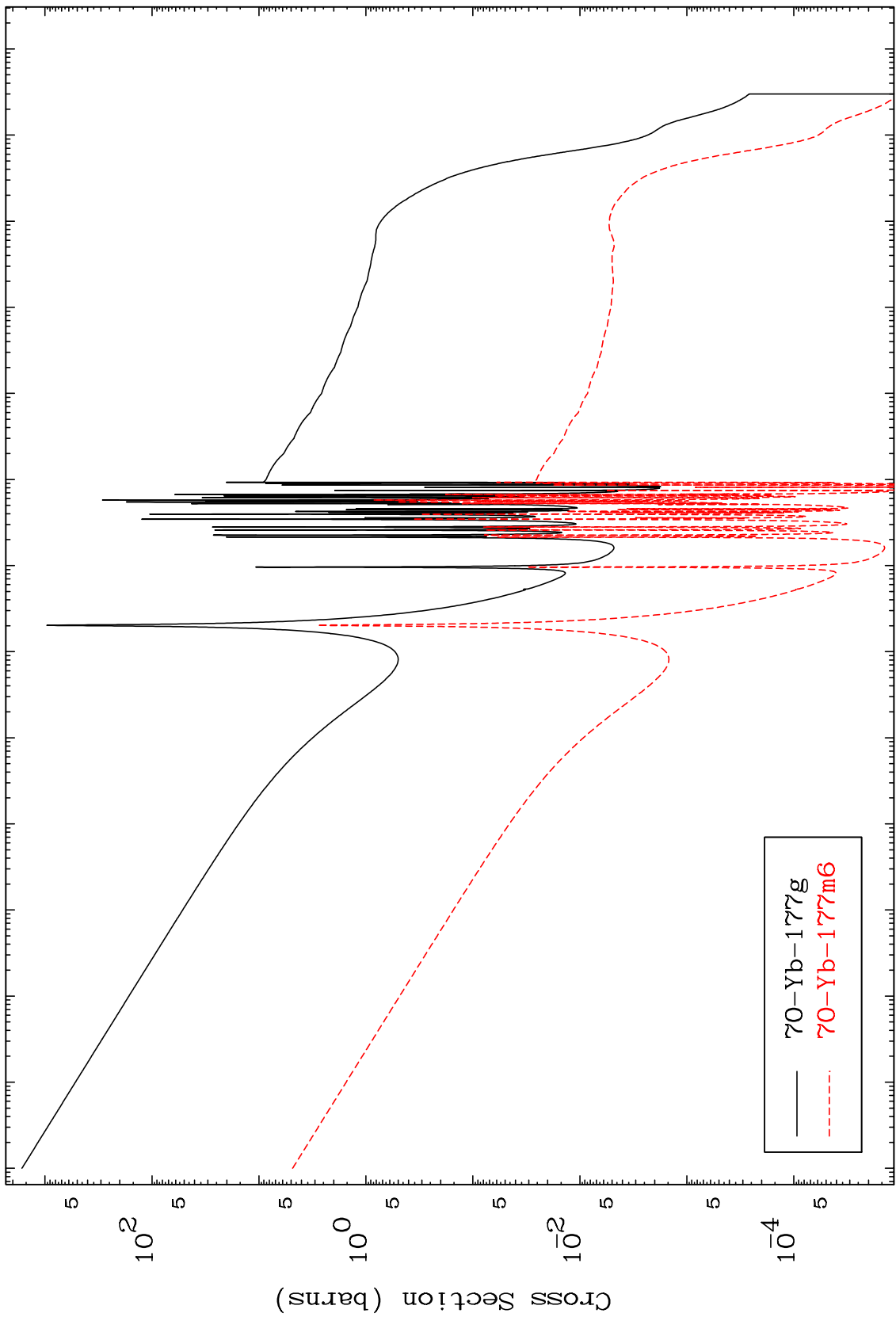


MAT 7050

70-Yb-176

Radionuclide Production Cross Section

(n, γ)



70-Yb-176

10²

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

Radionuclide Production Cross Section

70-Yb-176

20