

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

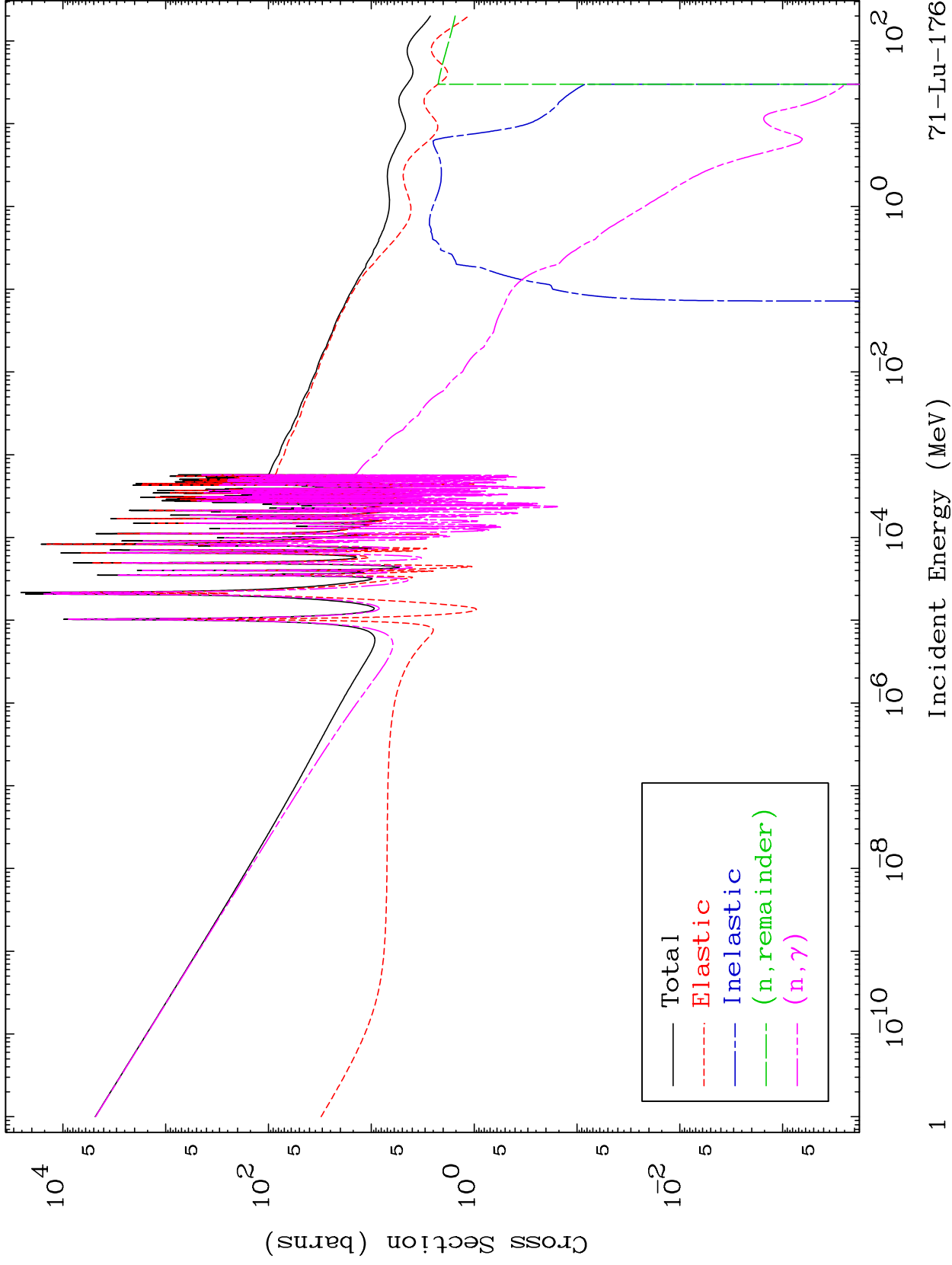
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7129

Major
293 Kelvin Cross Sections

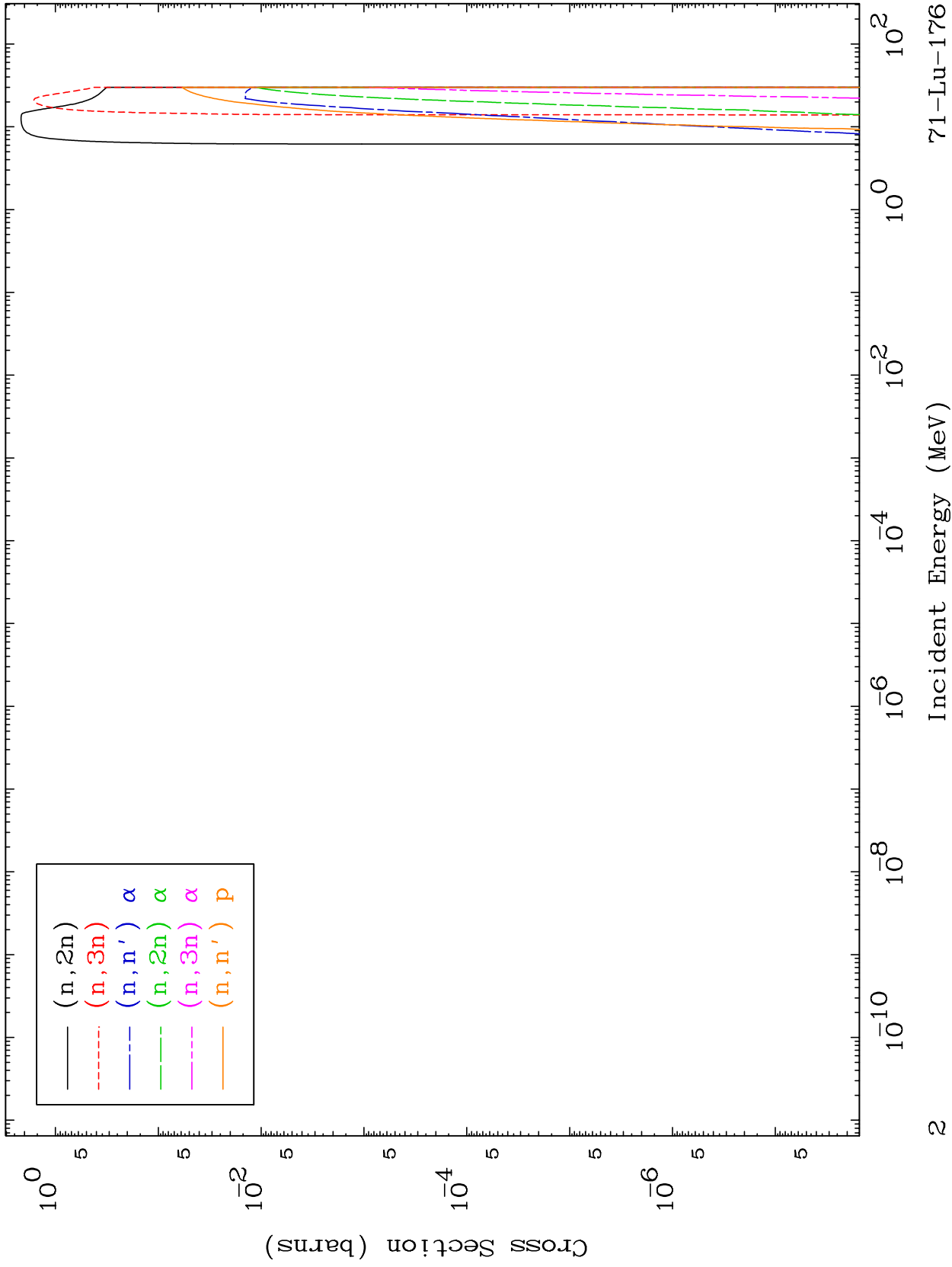
71-Lu-176

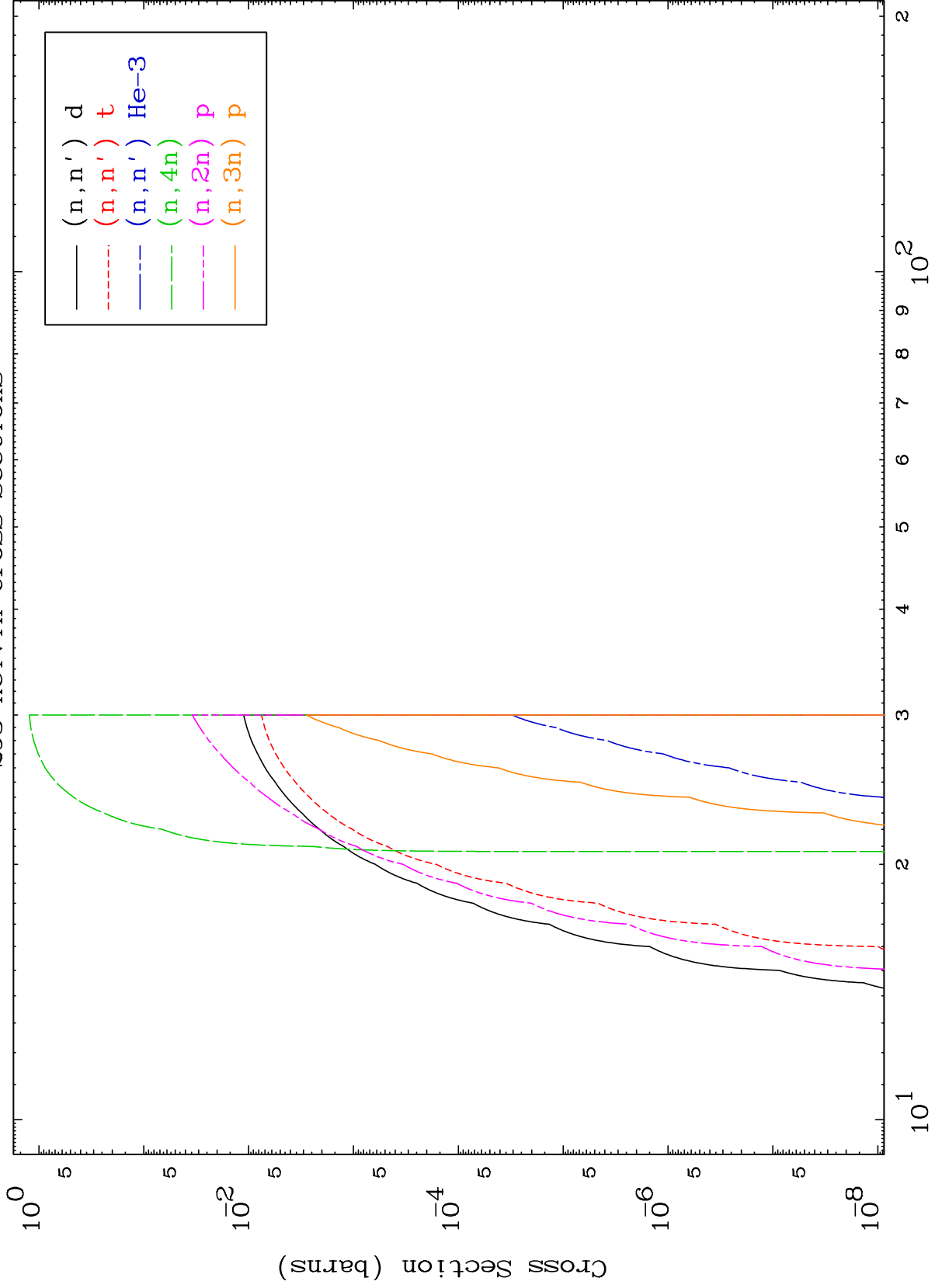


MAT 7129

Neutron Production
293 Kelvin Cross Sections

71-Lu-176

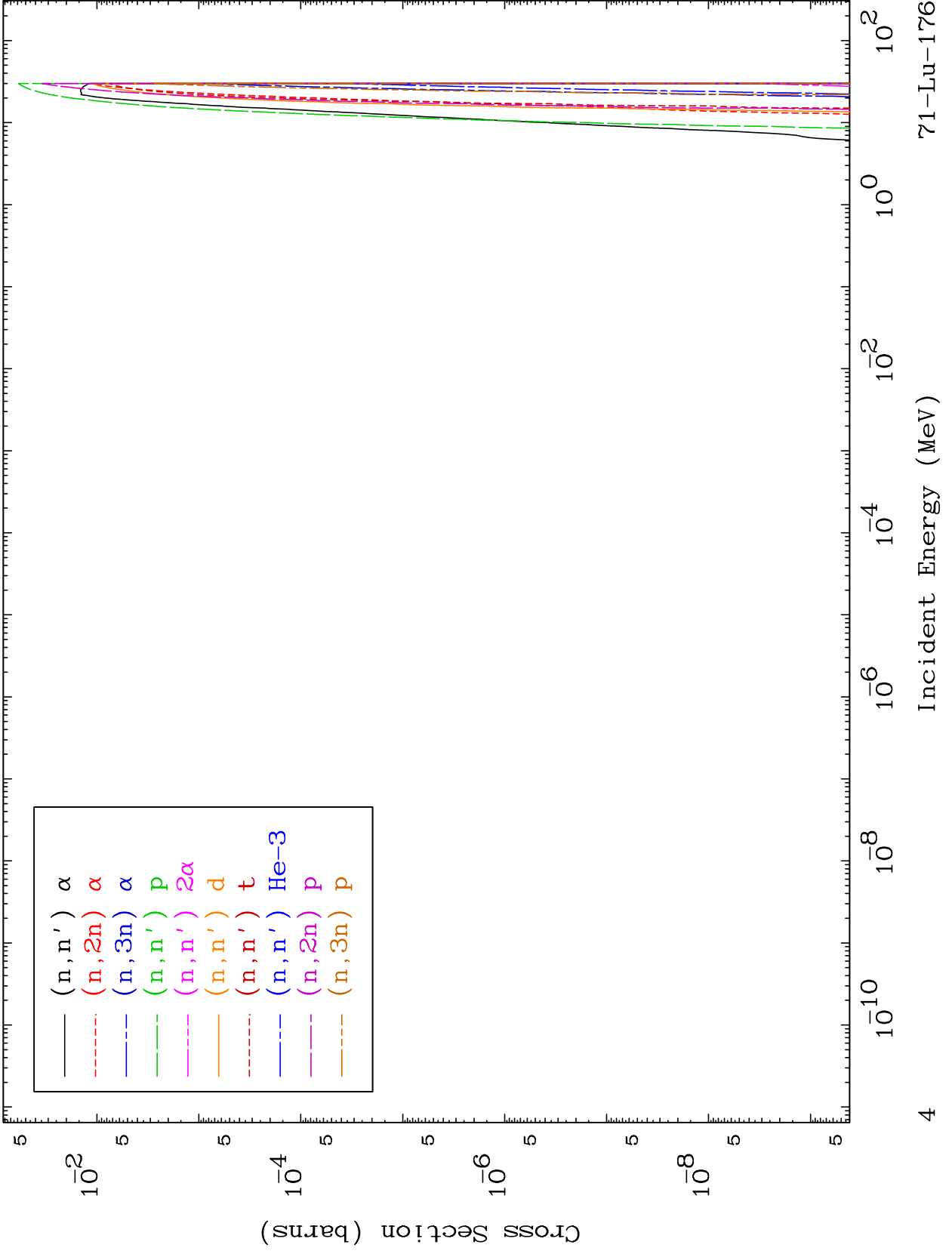




MAT 7129

Charged Particle
293 Kelvin Cross Sections

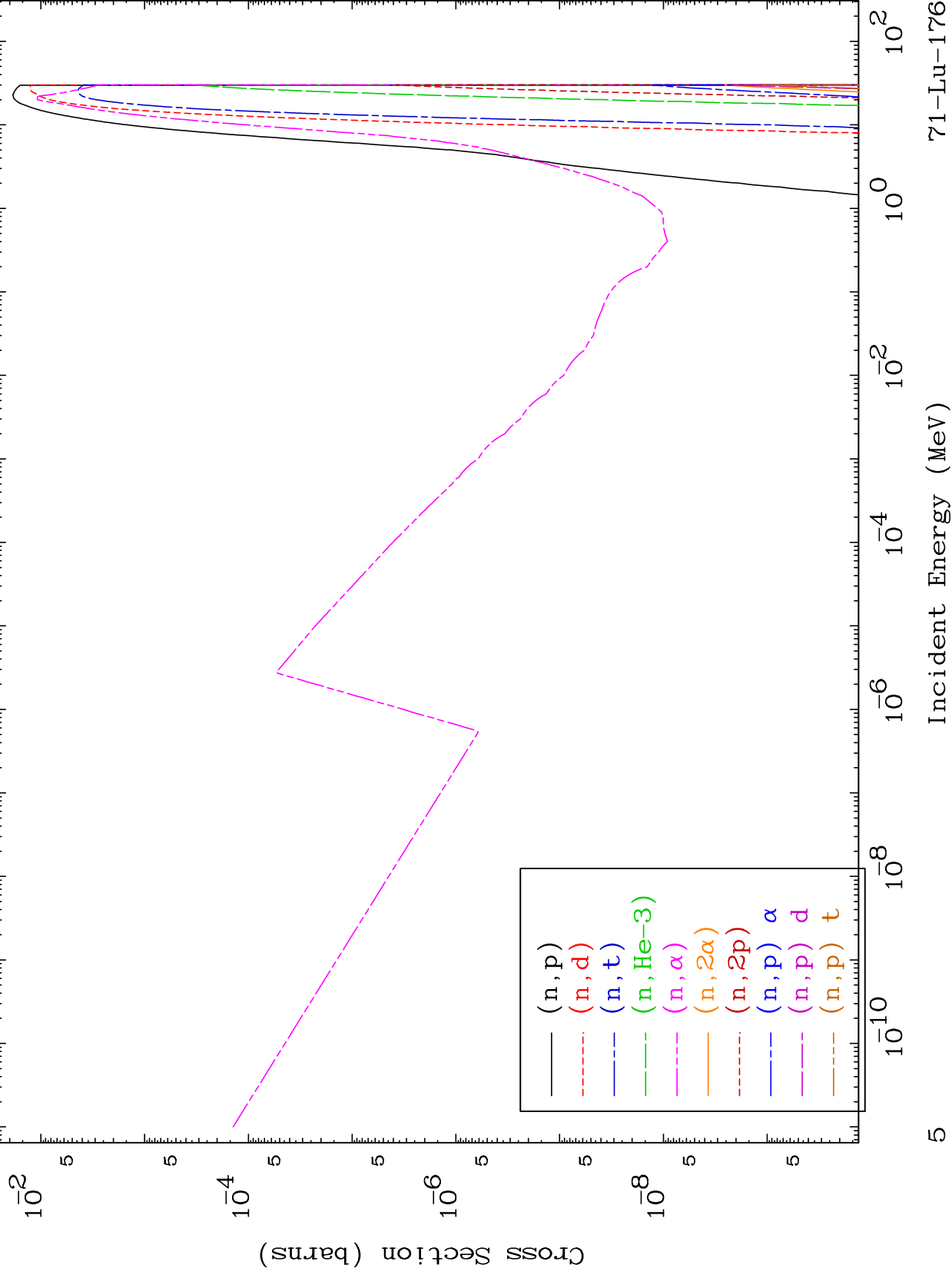
71-Lu-176

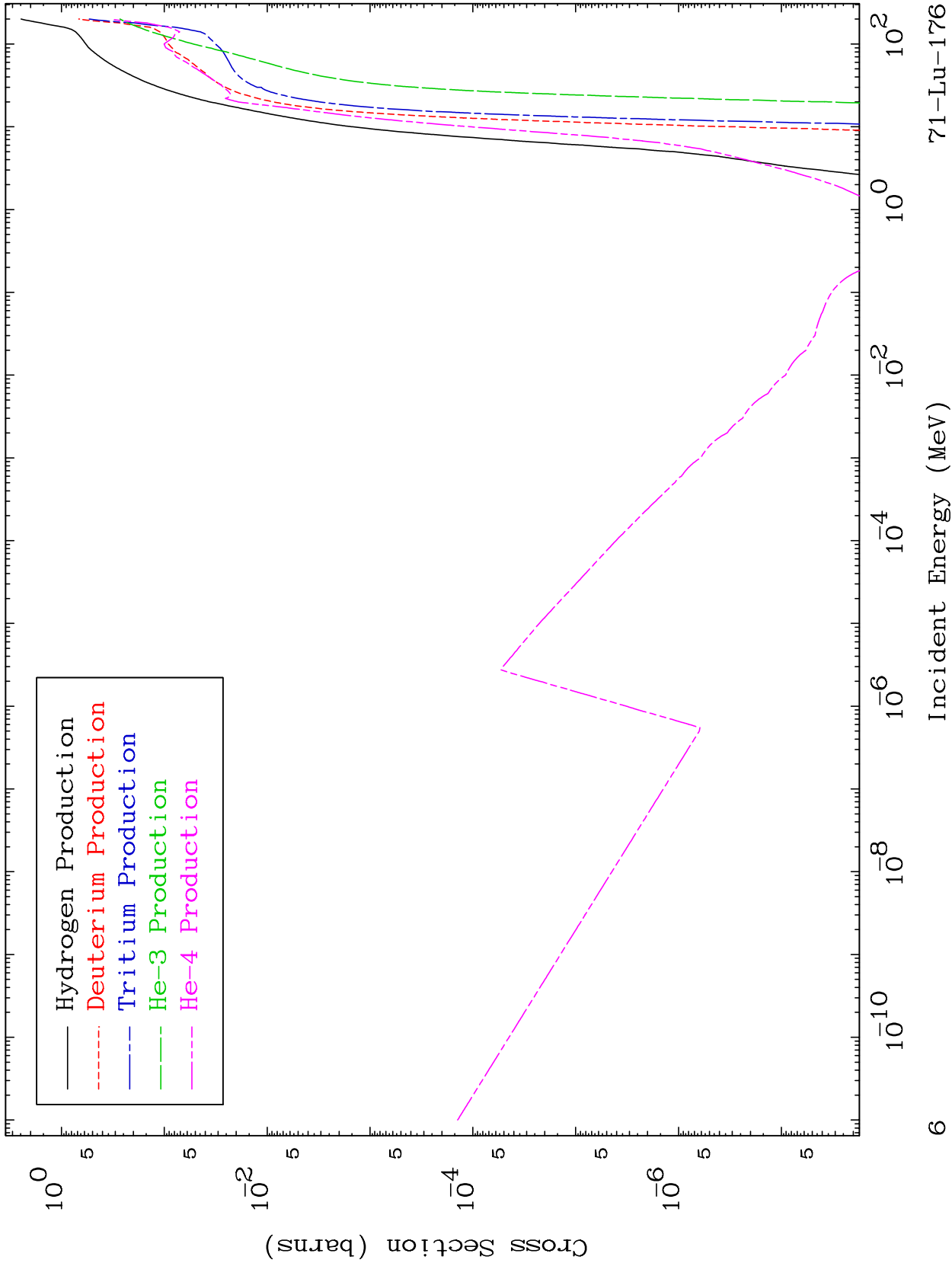


MAT 7129

Charged Particle
293 Kelvin Cross Sections

71-Lu-176

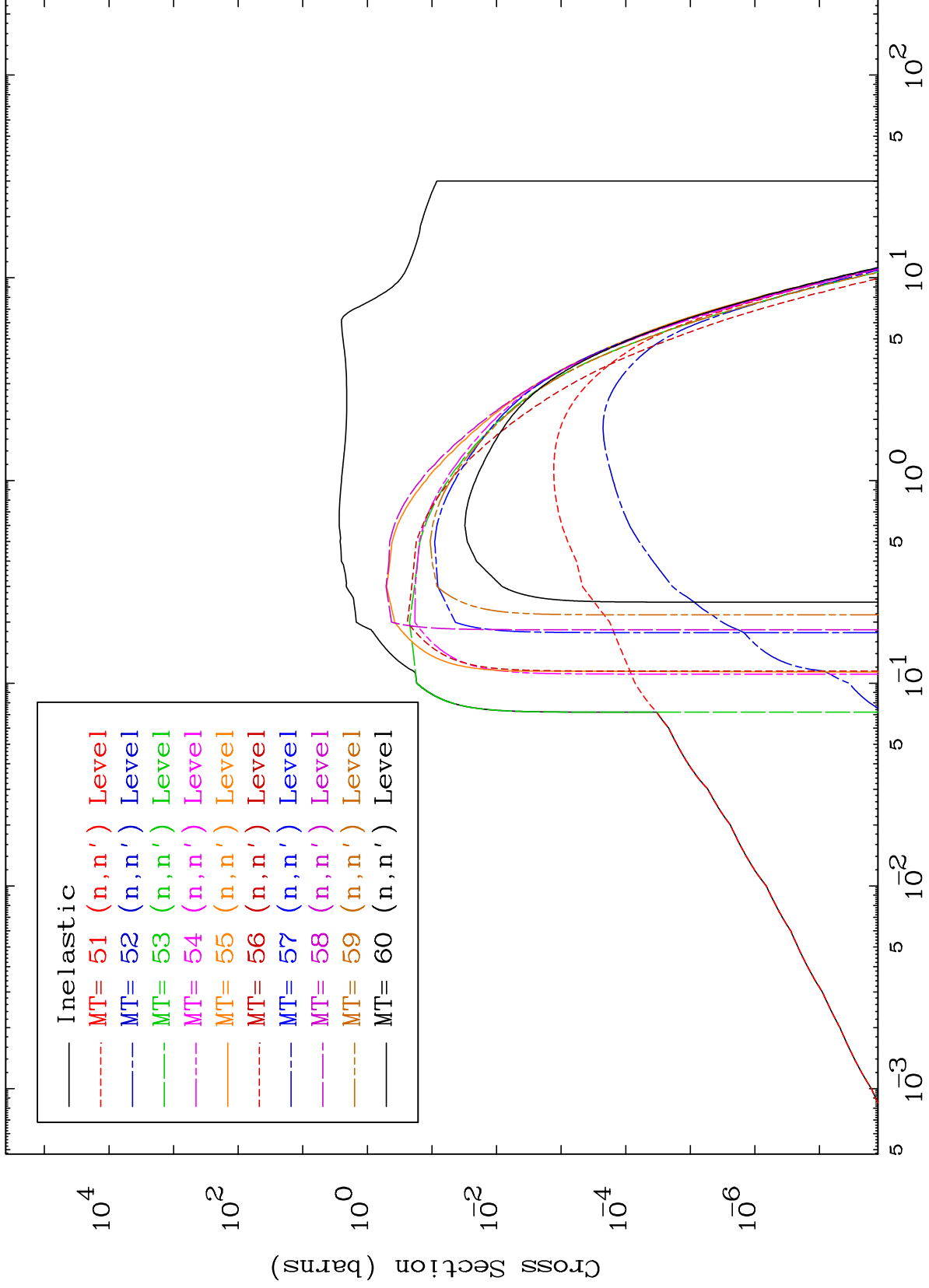




MAT 7129

(n,n') Level
293 Kelvin Cross Sections

71-Lu-176



7

Incident Energy (MeV)

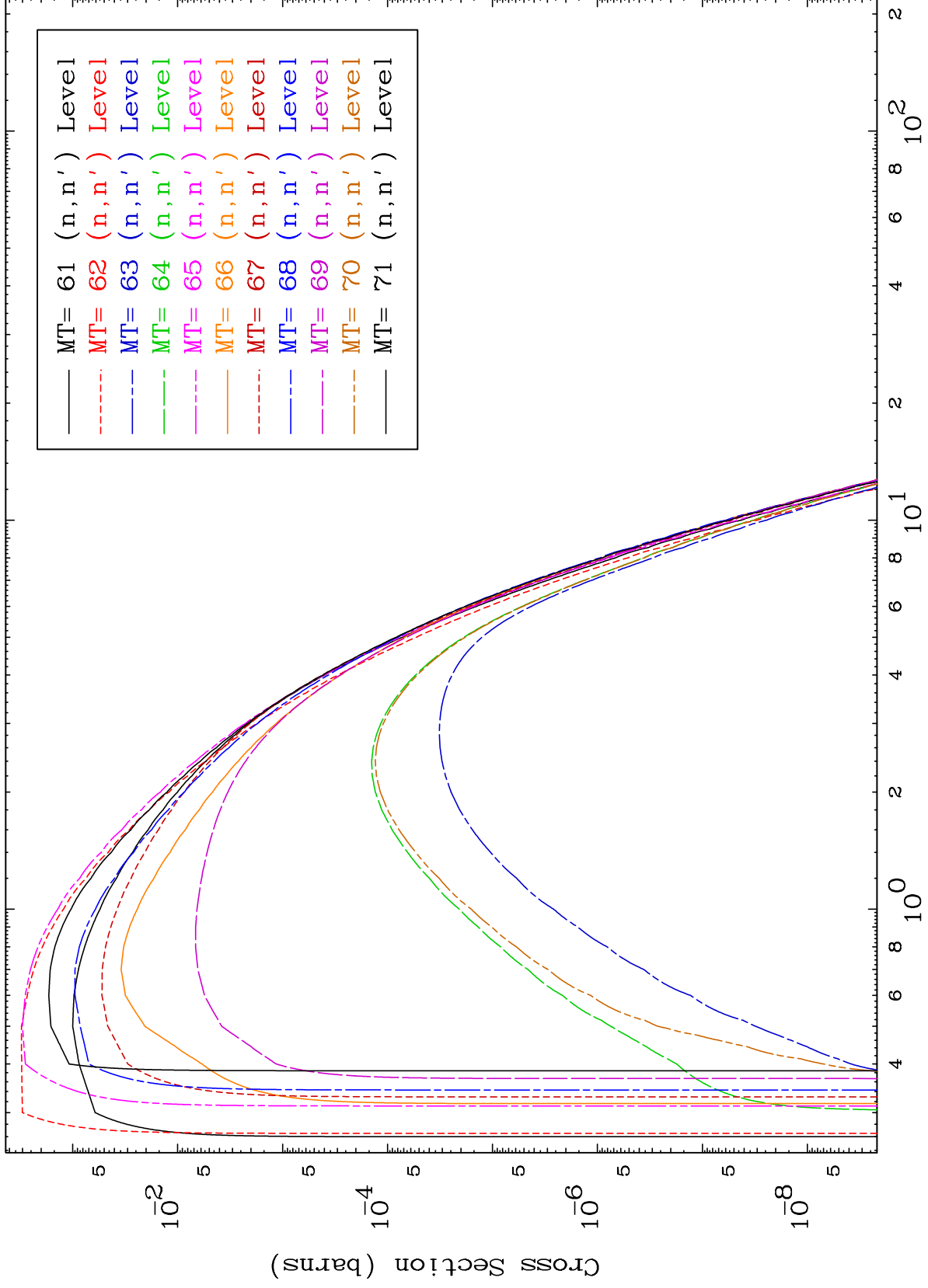
71-Lu-176

MAT 7129

(n,n') Level

71-Lu-176

293 Kelvin Cross Sections

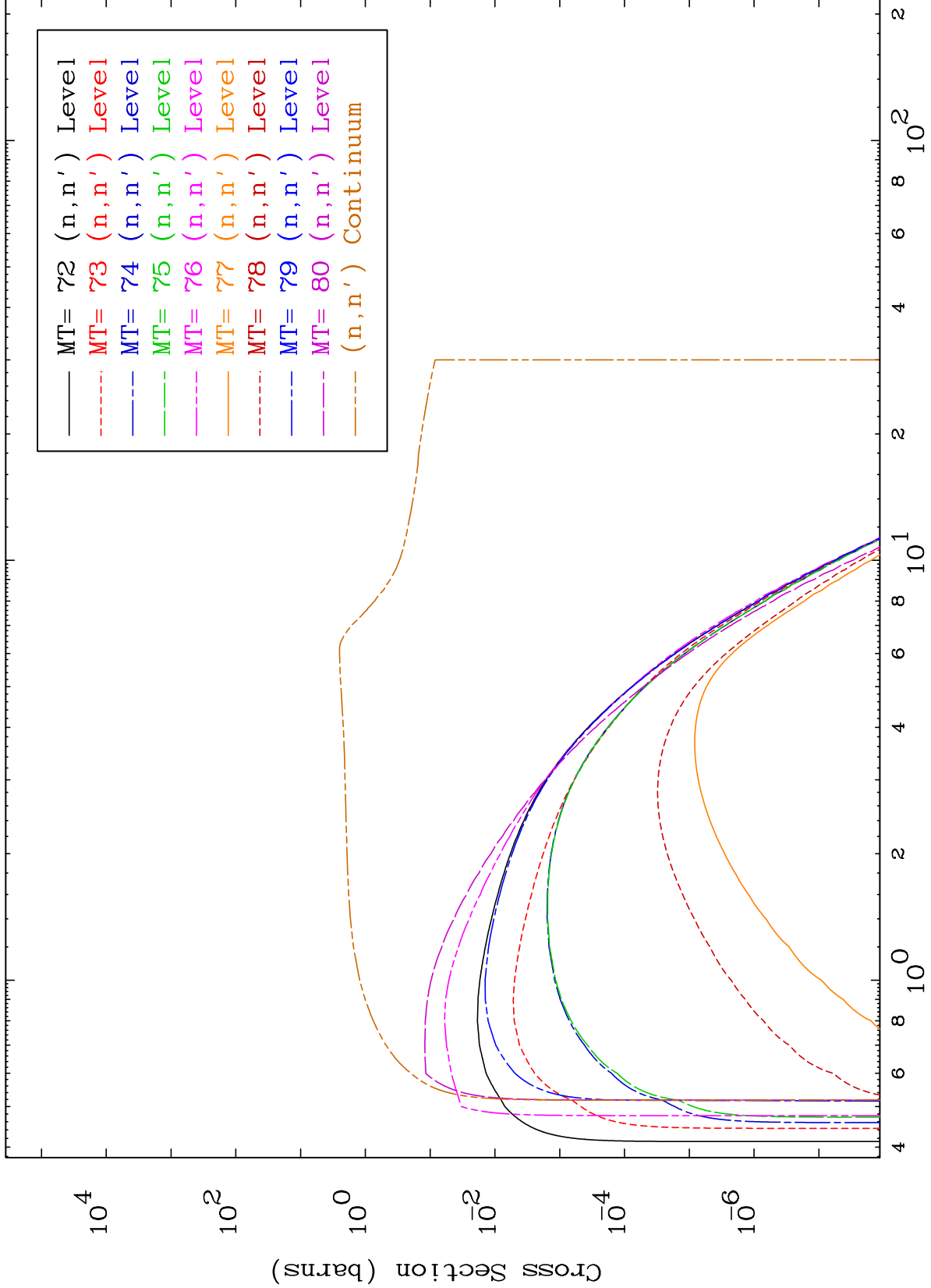


8

Incident Energy (MeV)

71-Lu-176

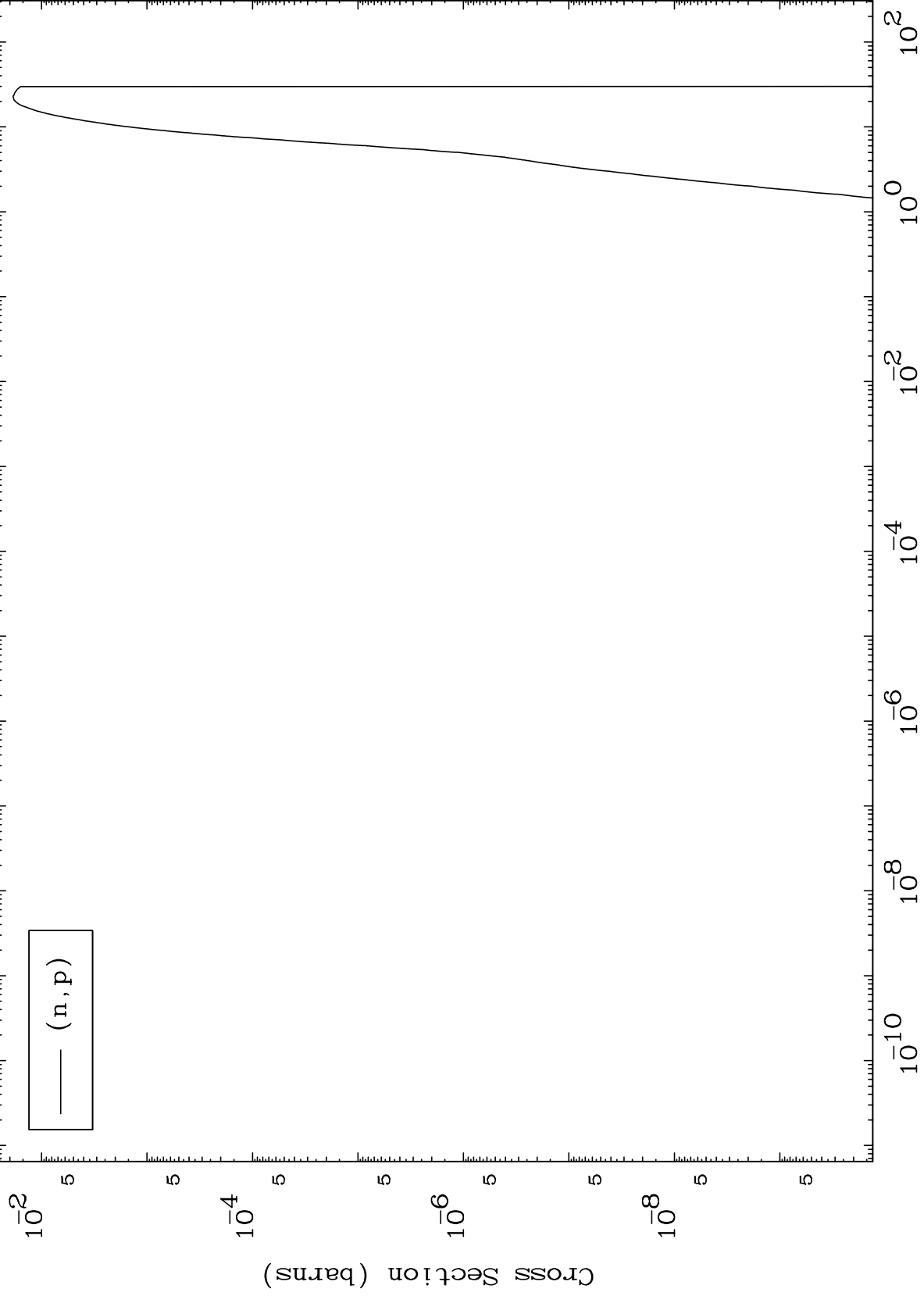
293 Kelvin Cross Sections



MAT 7129

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-176



10

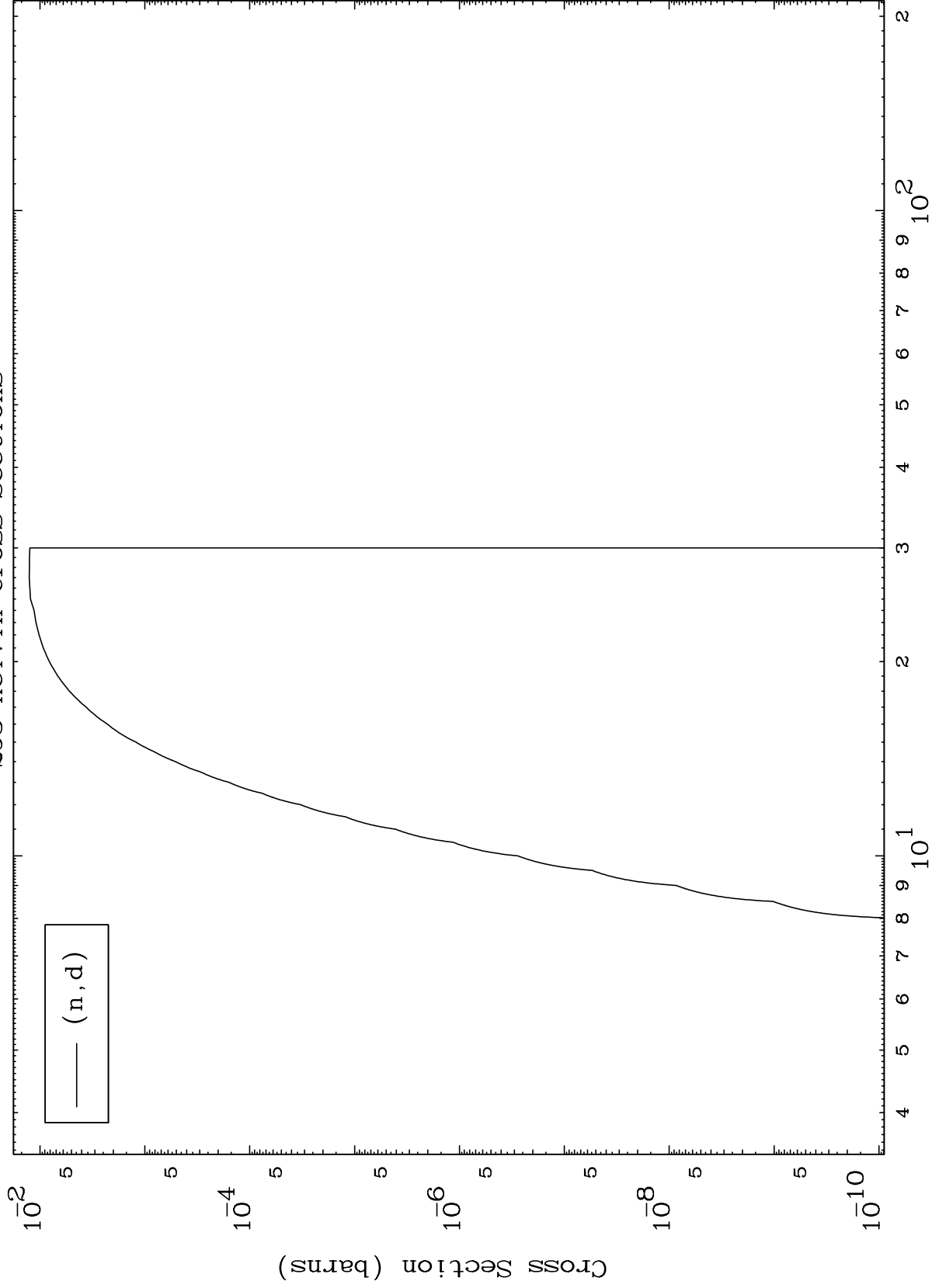
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-176



11

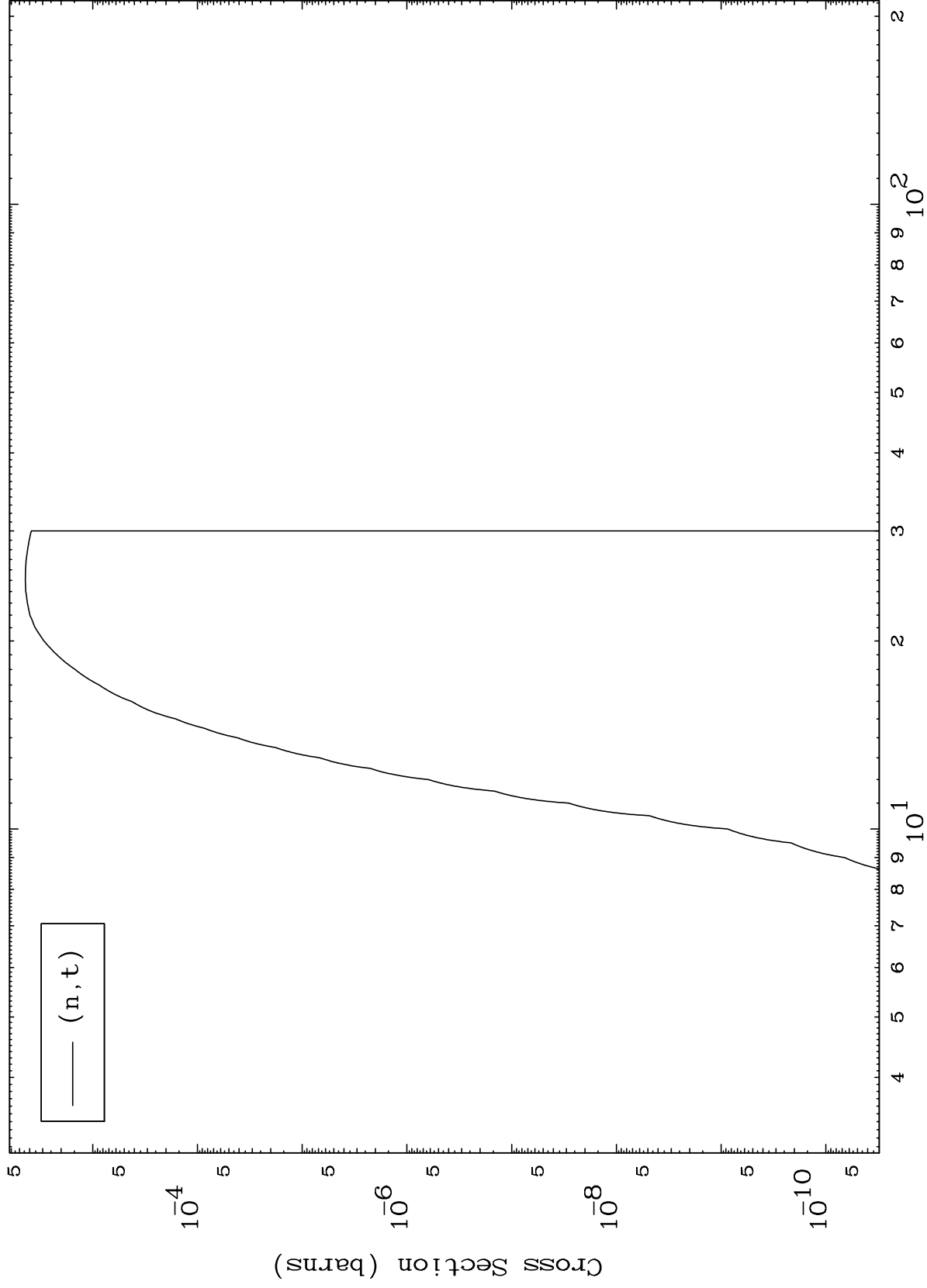
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-176



12

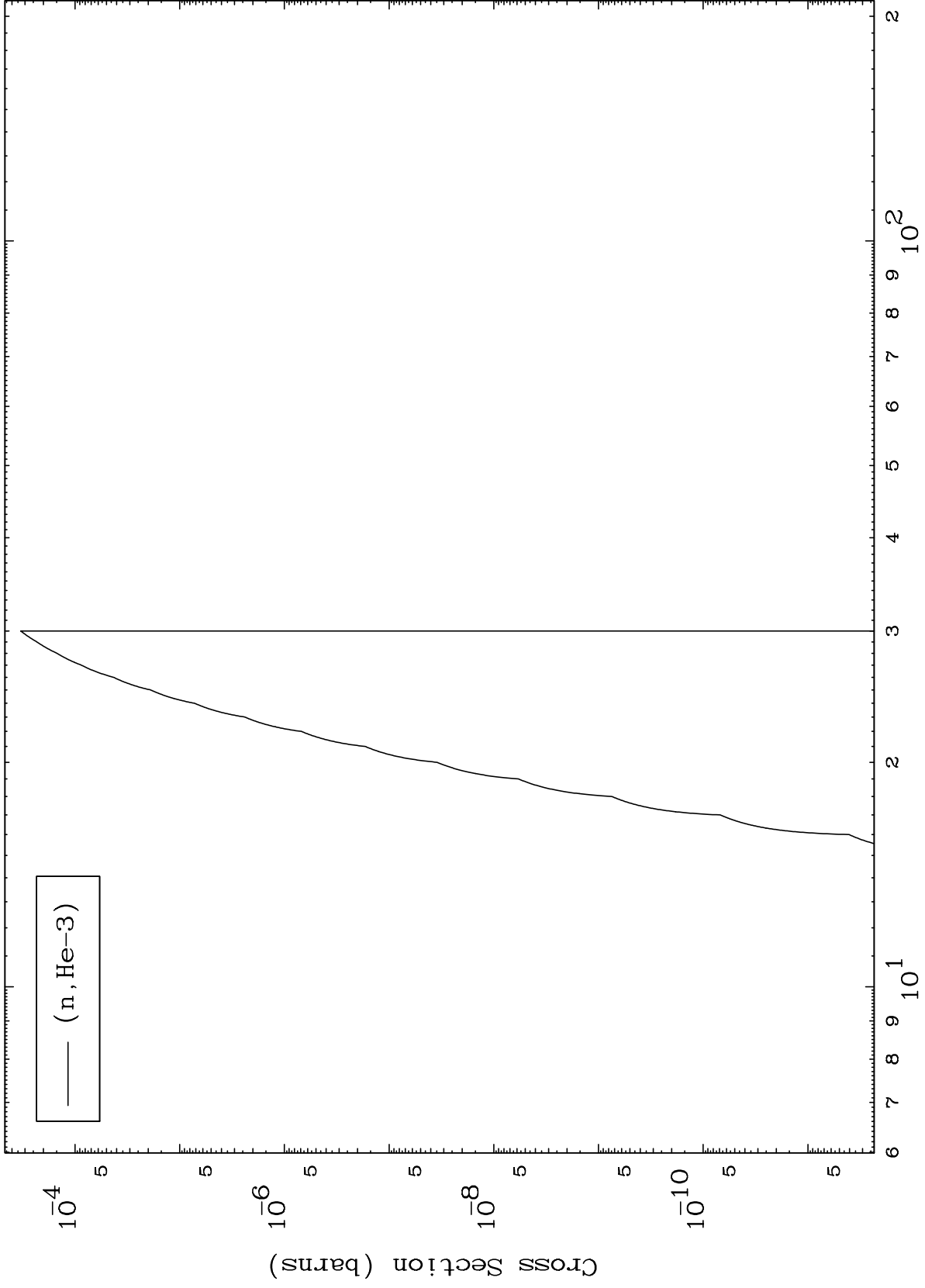
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-176



13

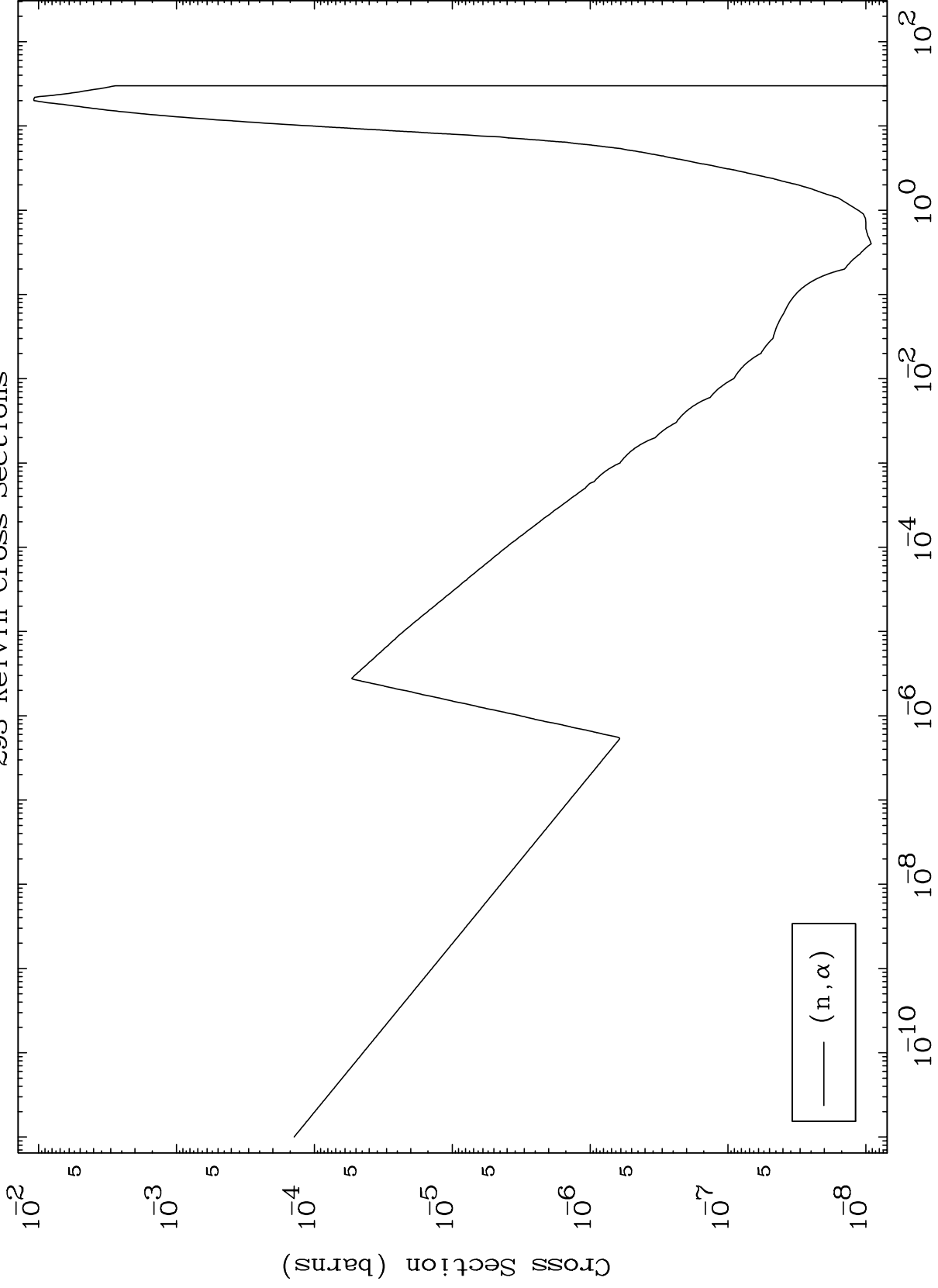
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,α) Levels
293 Kelvin Cross Sections

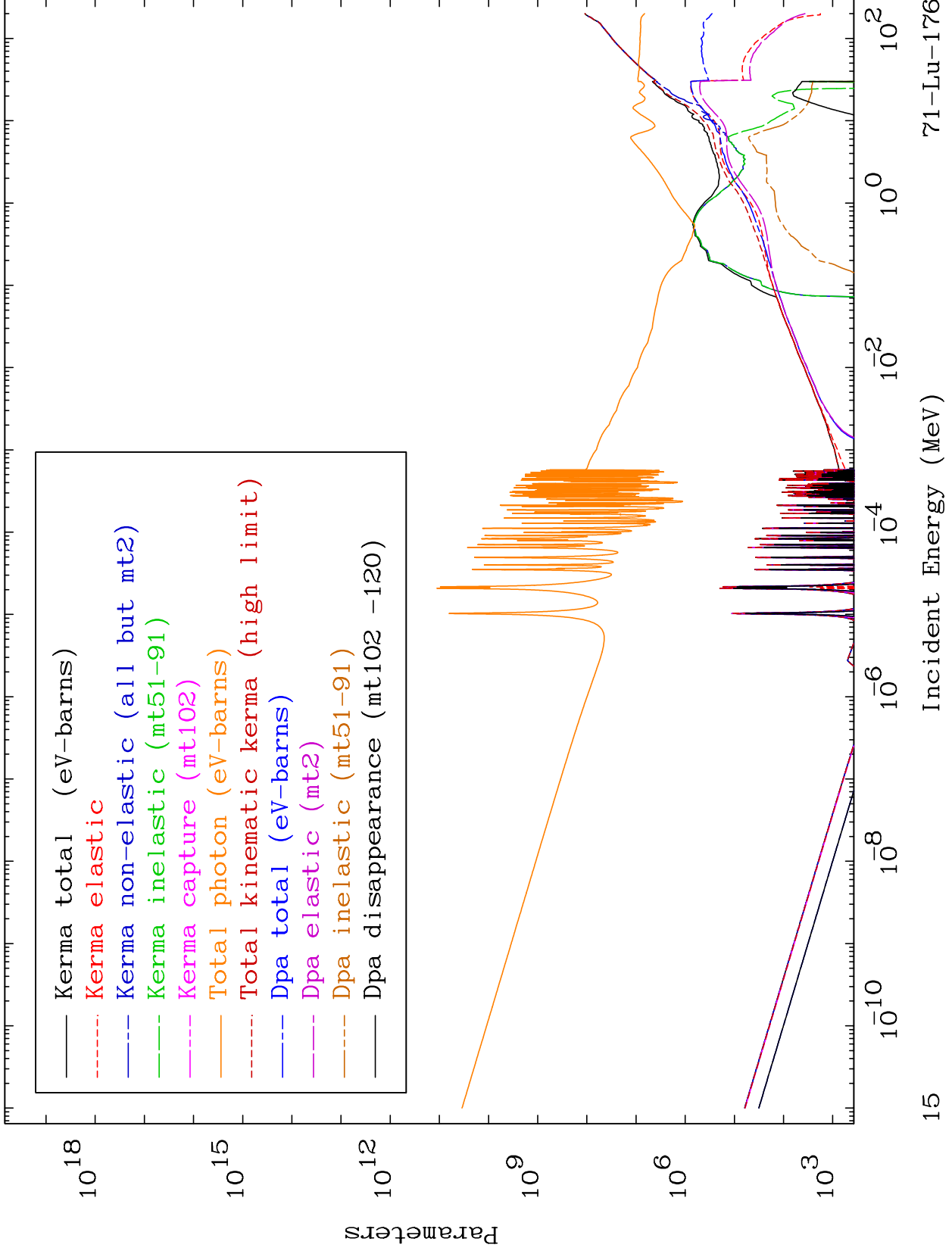
71-Lu-176



14

Incident Energy (MeV)

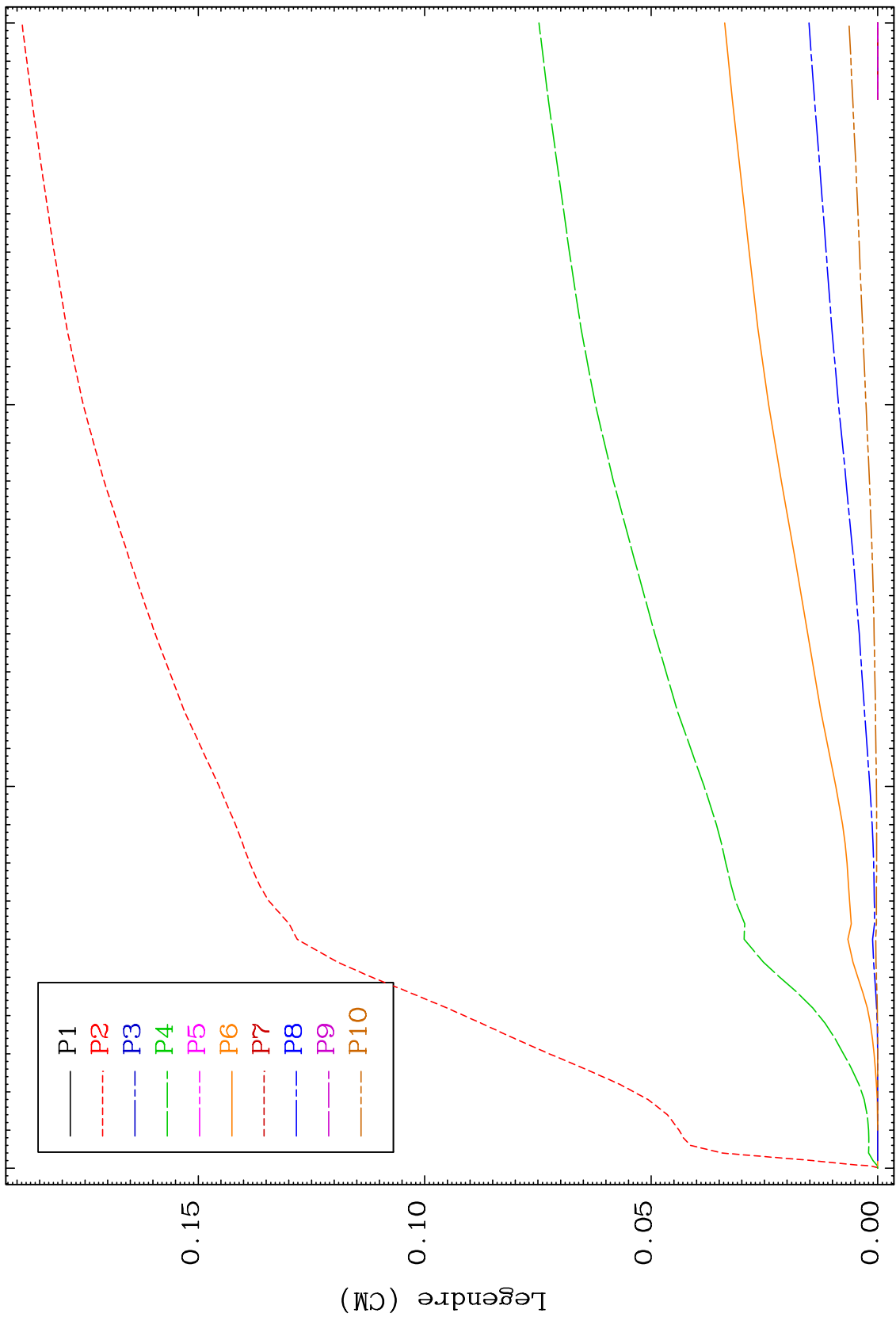
71-Lu-176



MAT 7129

Elastic Legendre Coefficients

71-Lu-176



16

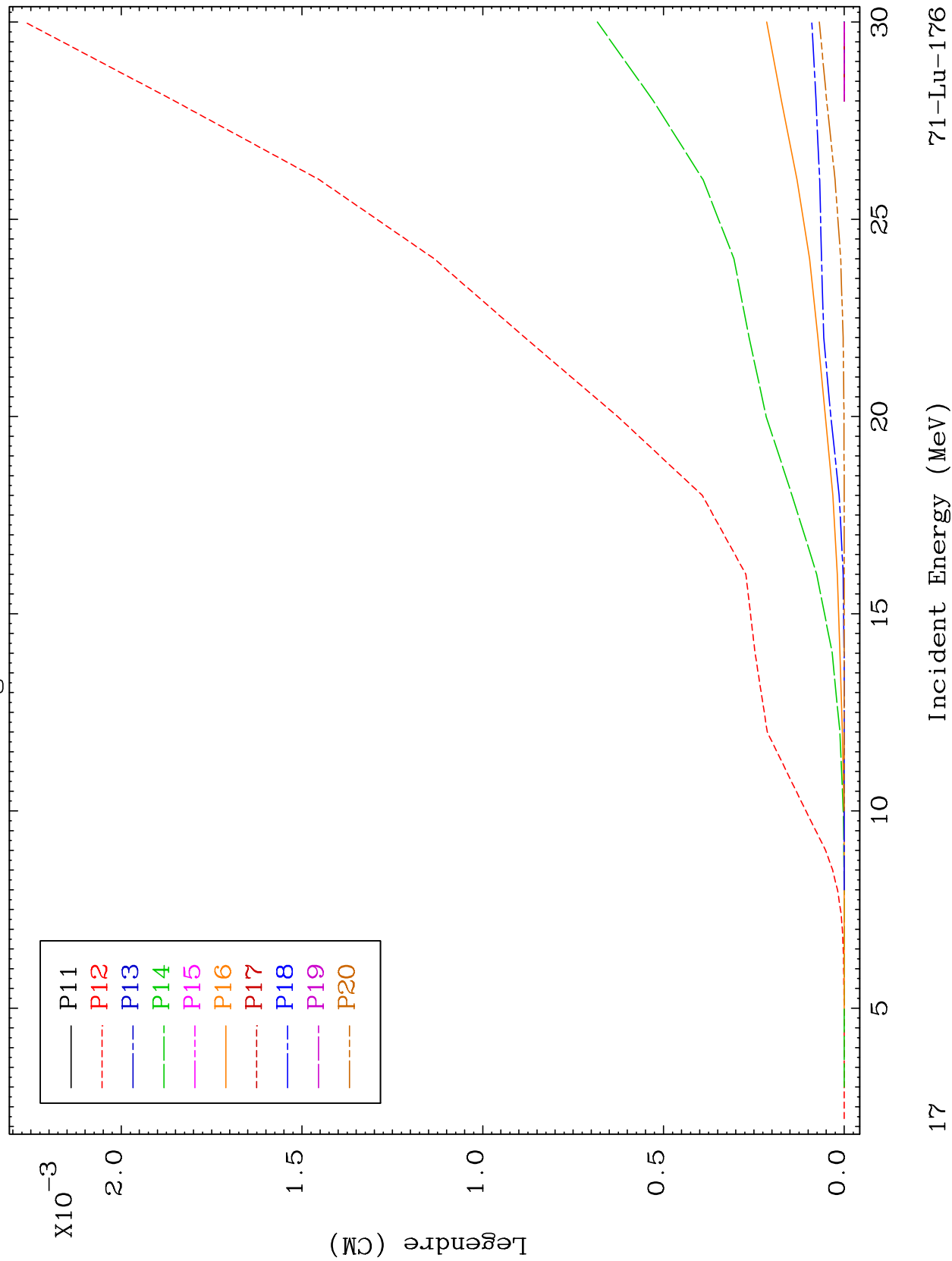
Incident Energy (MeV)

71-Lu-176

MAT 7129

Elastic
Legendre Coefficients

71-Lu-176



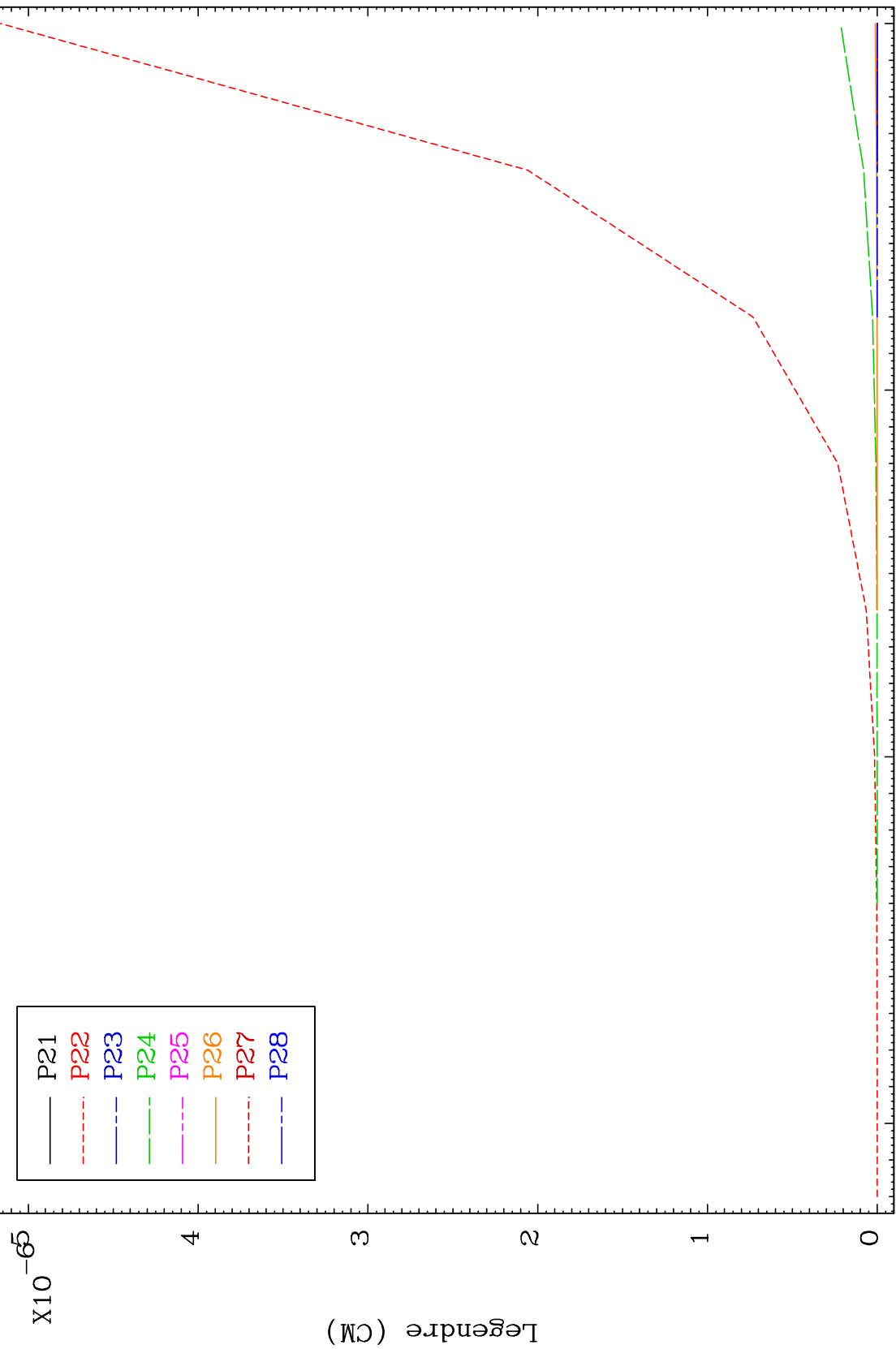
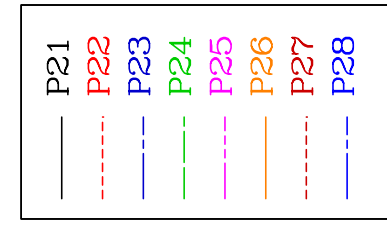
17

71-Lu-176

MAT 7129

Elastic
Legendre Coefficients

71-Lu-176



18

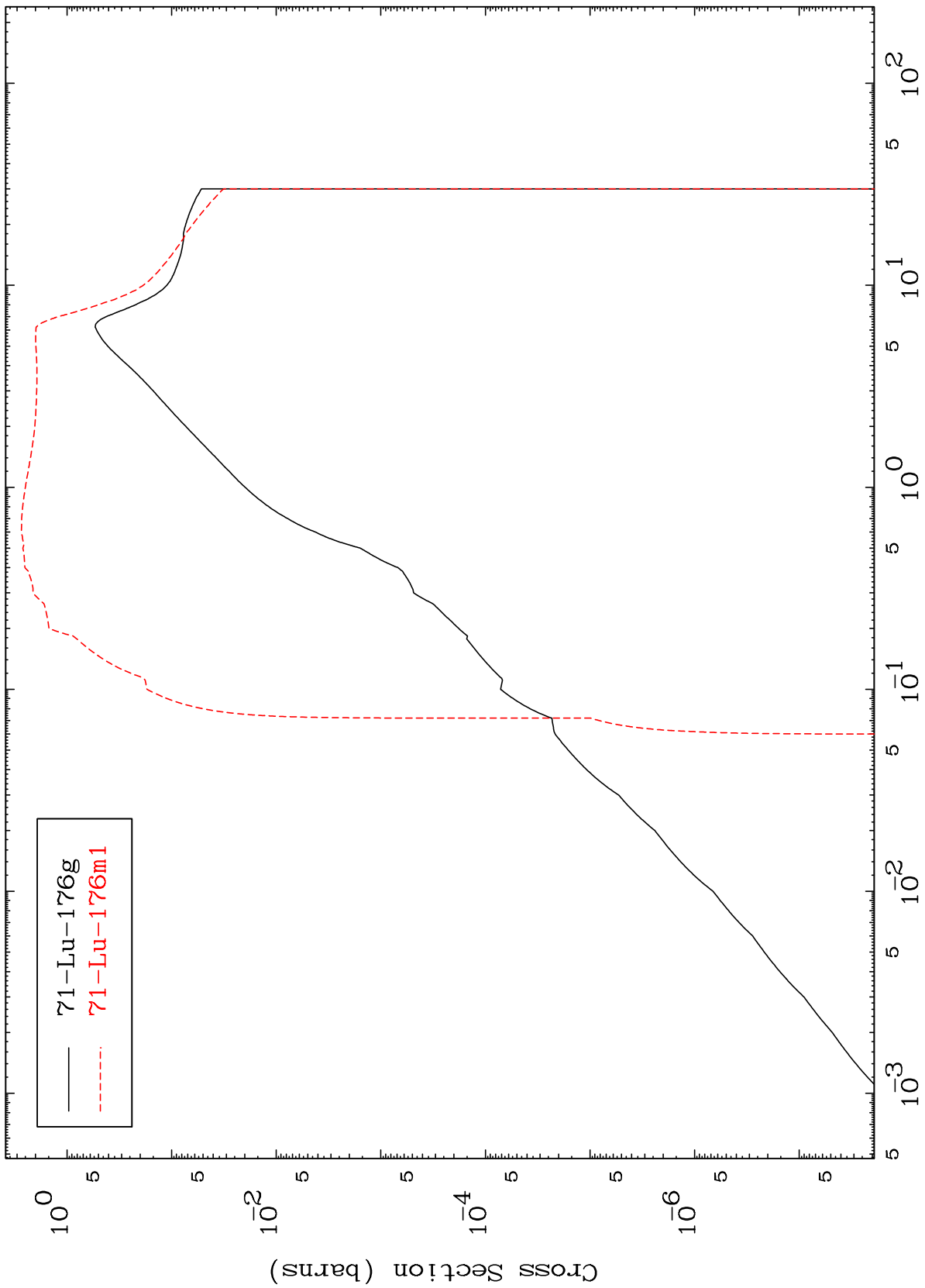
Incident Energy (MeV)

71-Lu-176

MAT 7129

71-Lu-176

Inelastic
Radionuclide Production Cross Section



19

71-Lu-176

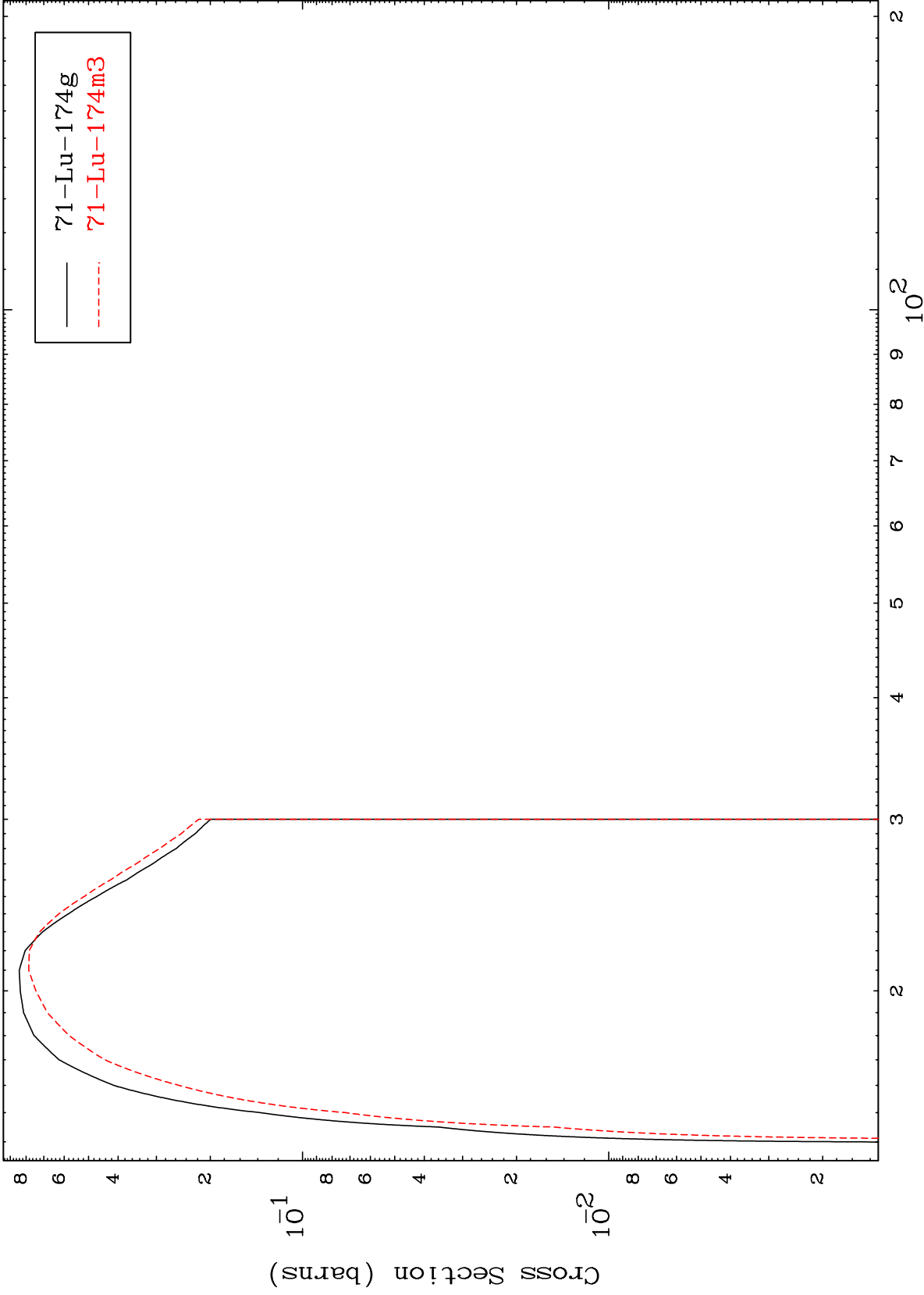
Incident Energy (MeV)

MAT 7129

(n,3n)

⁷¹Lu-176

Radionuclide Production Cross Section



20

Incident Energy (MeV)

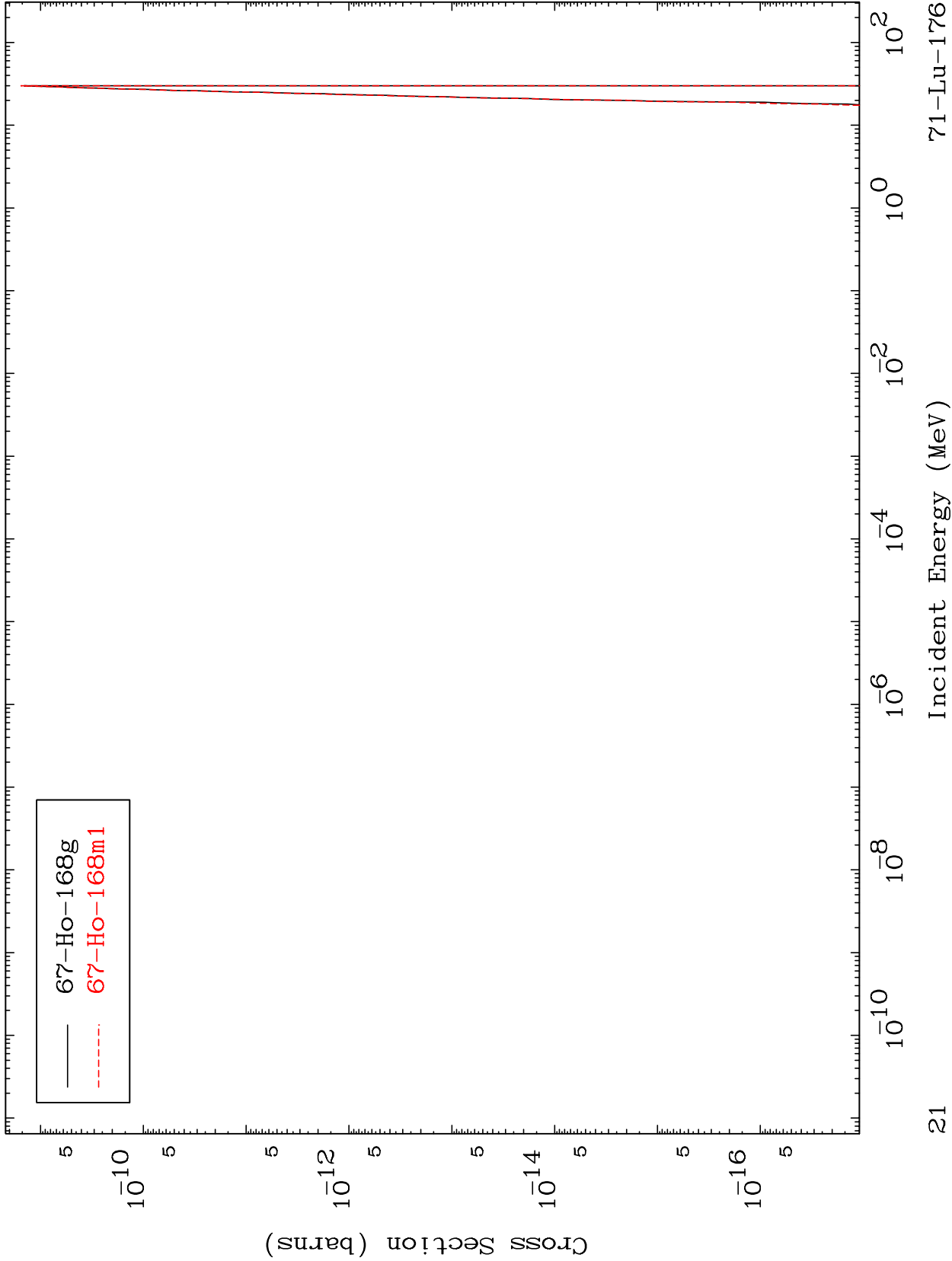
⁷¹Lu-176

MAT 7129

(n,n') 2α

71-Lu-176

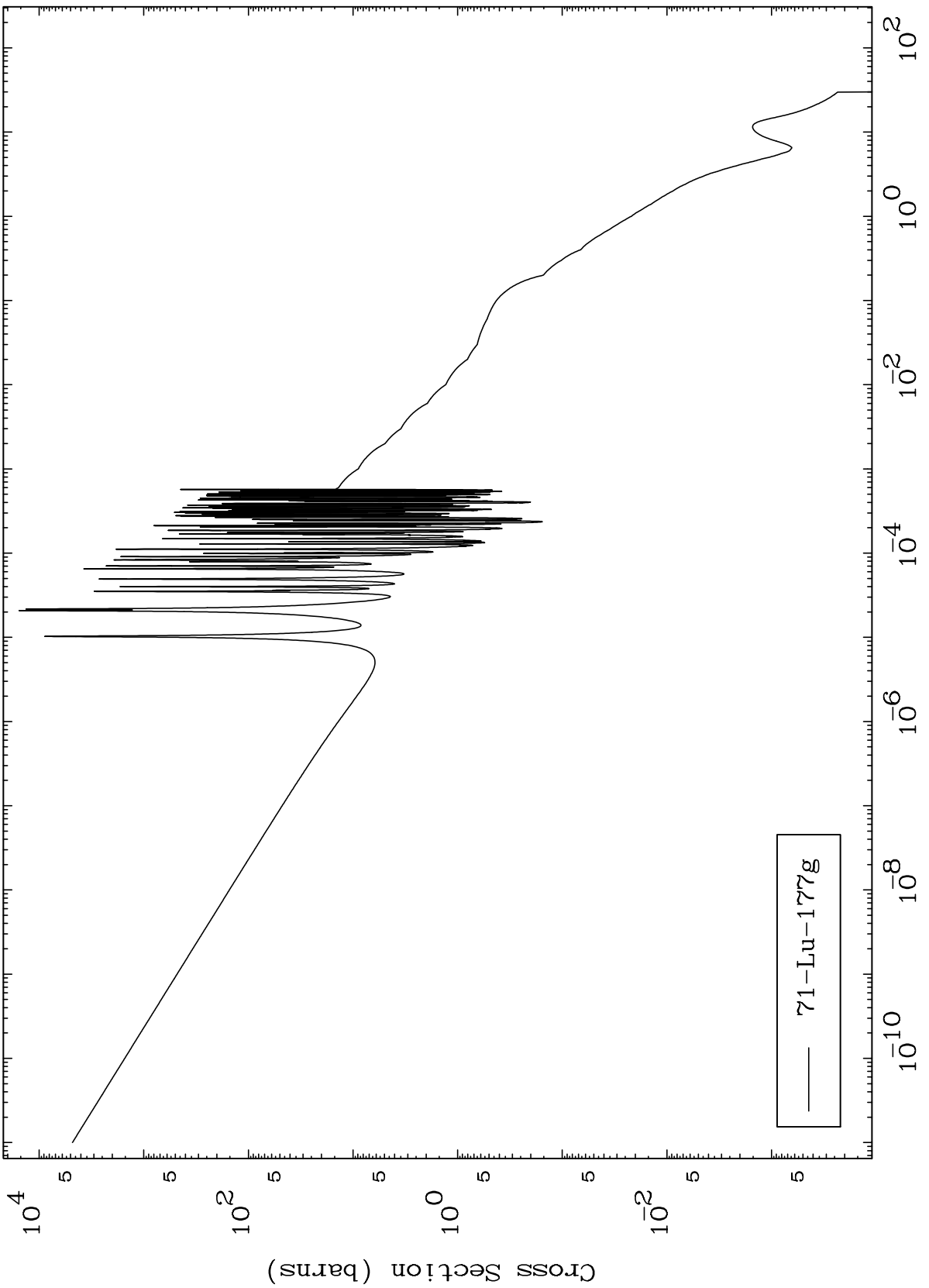
Radionuclide Production Cross Section



MAT 7129

⁷¹Lu-176

(n,γ)
Radionuclide Production Cross Section



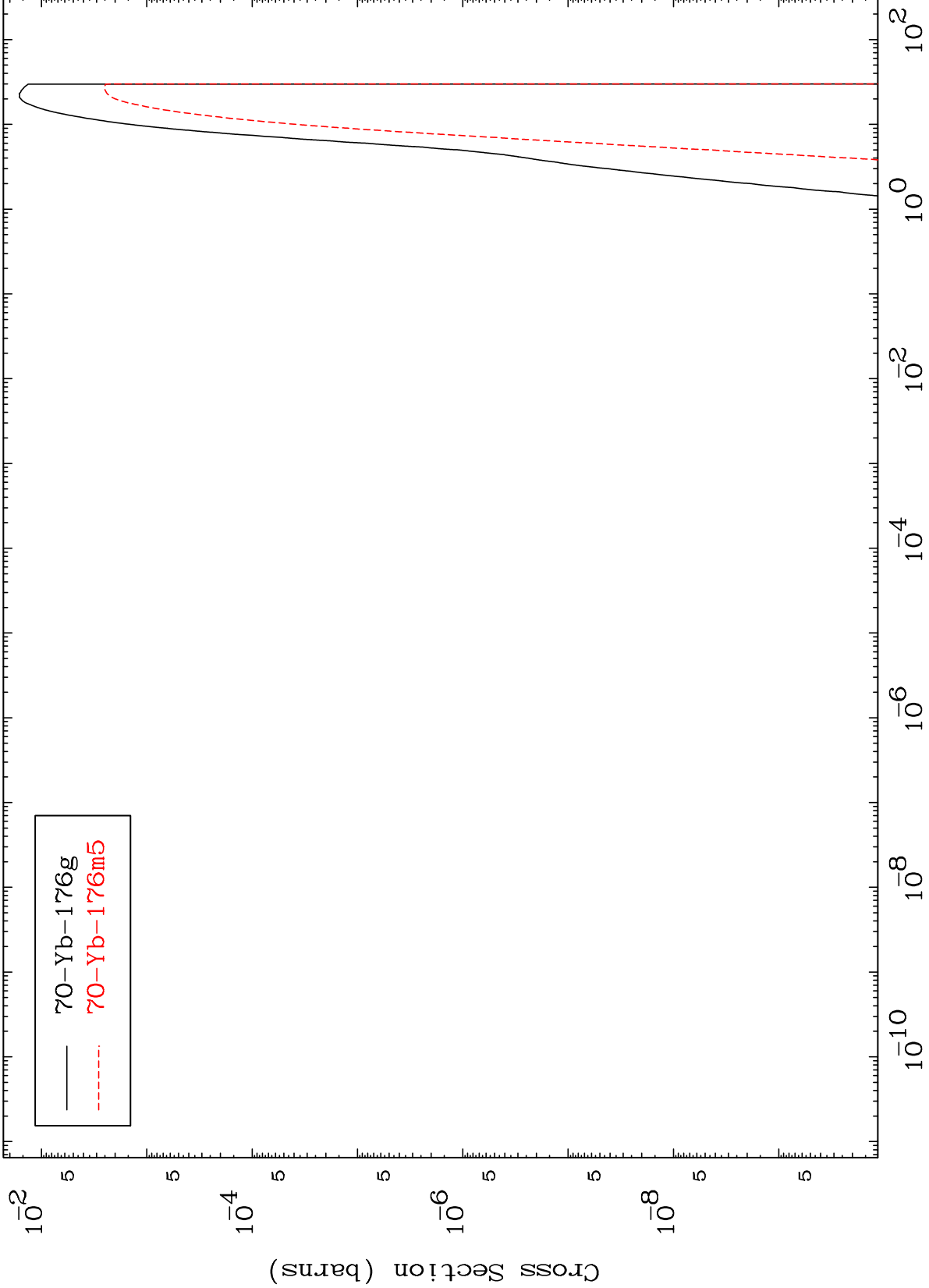
⁷¹Lu-176

Incident Energy (MeV)

MAT 7129

(n,p)
Radionuclide Production Cross Section

⁷¹Lu-176



— 70-Yb-176g
- - - 70-Yb-176m5

Incident Energy (MeV)

⁷¹Lu-176