

Program EVALPLOT  
(Version 2018-1)

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

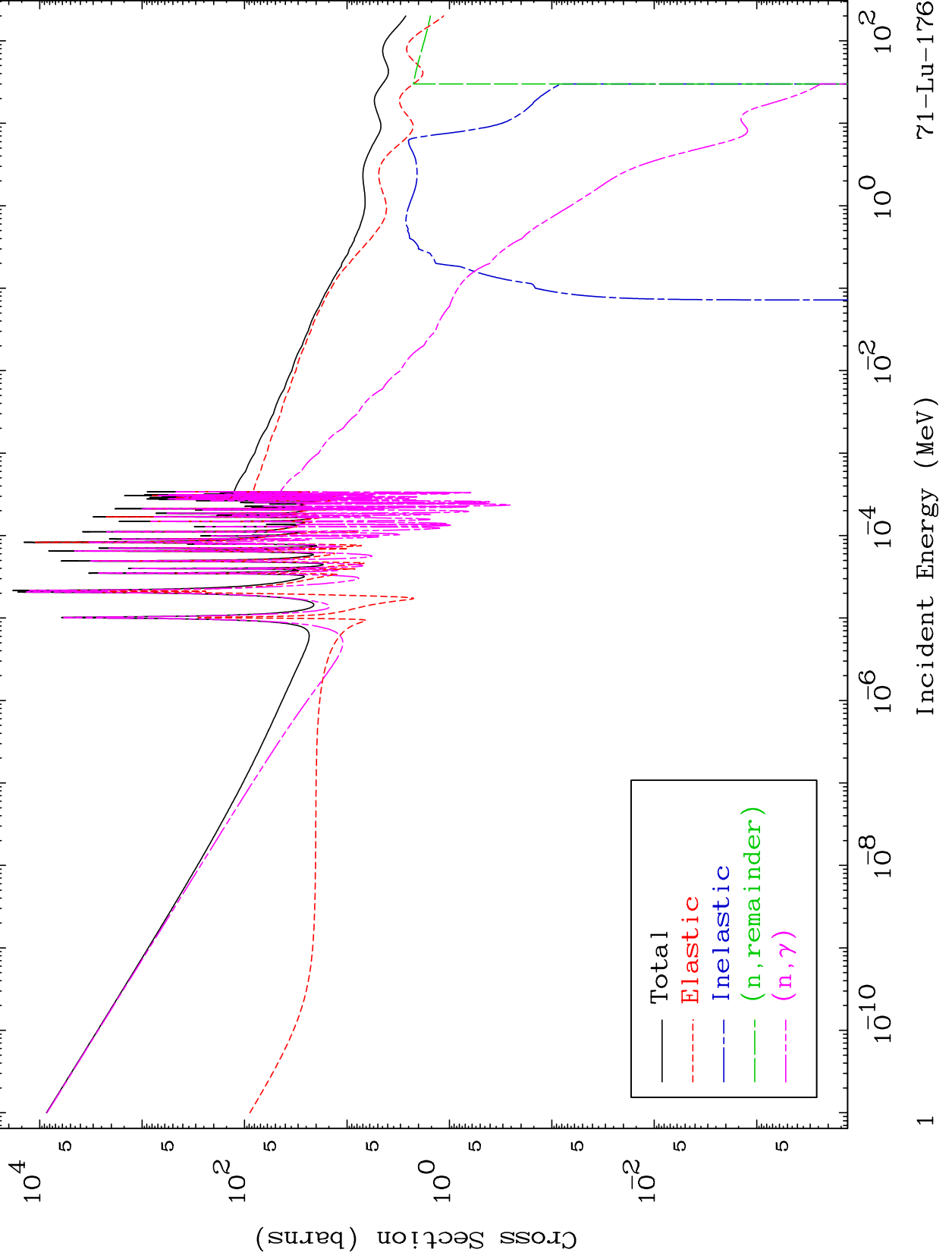
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7129

Major  
293 Kelvin Cross Sections

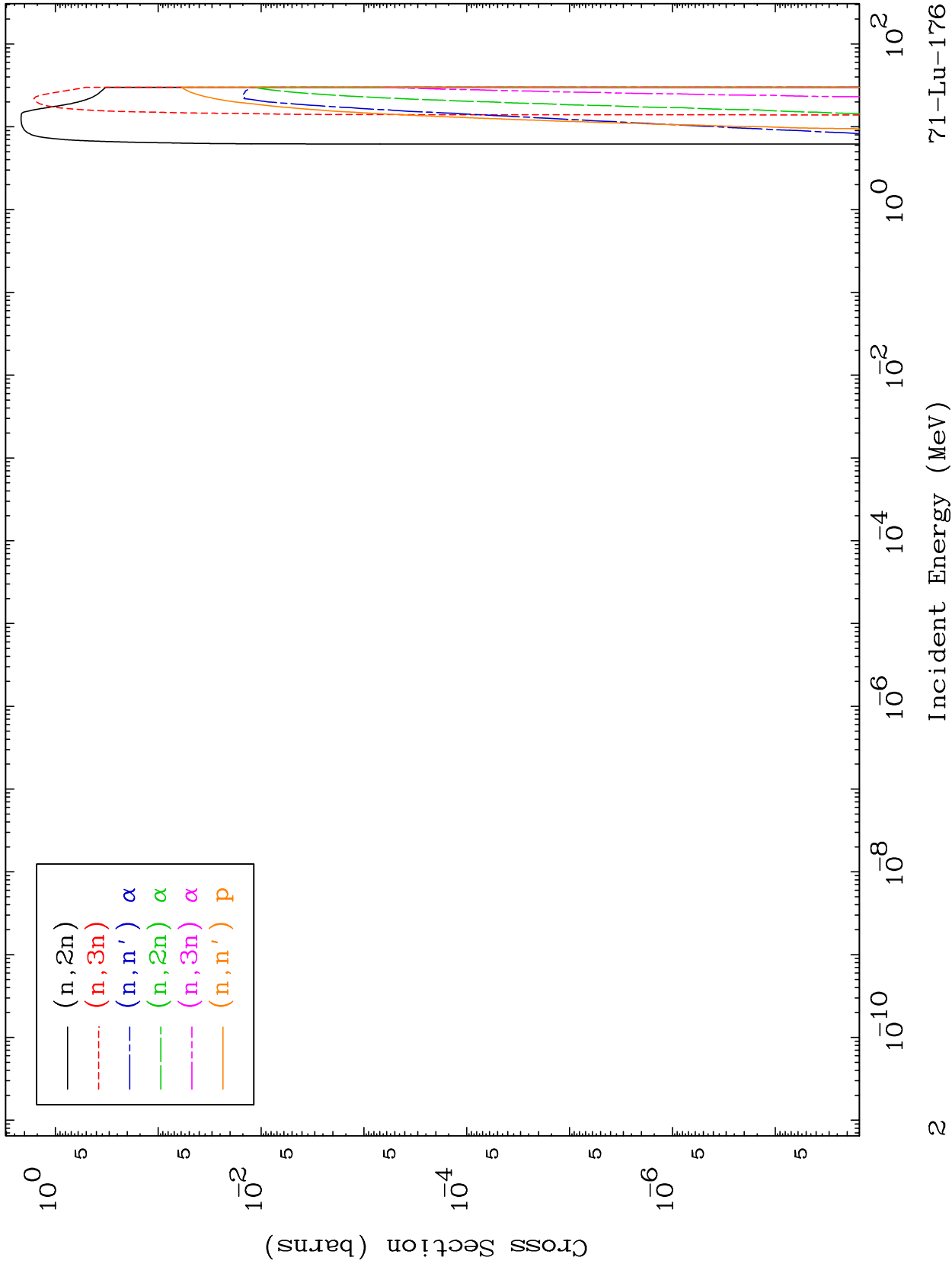
71-Lu-176

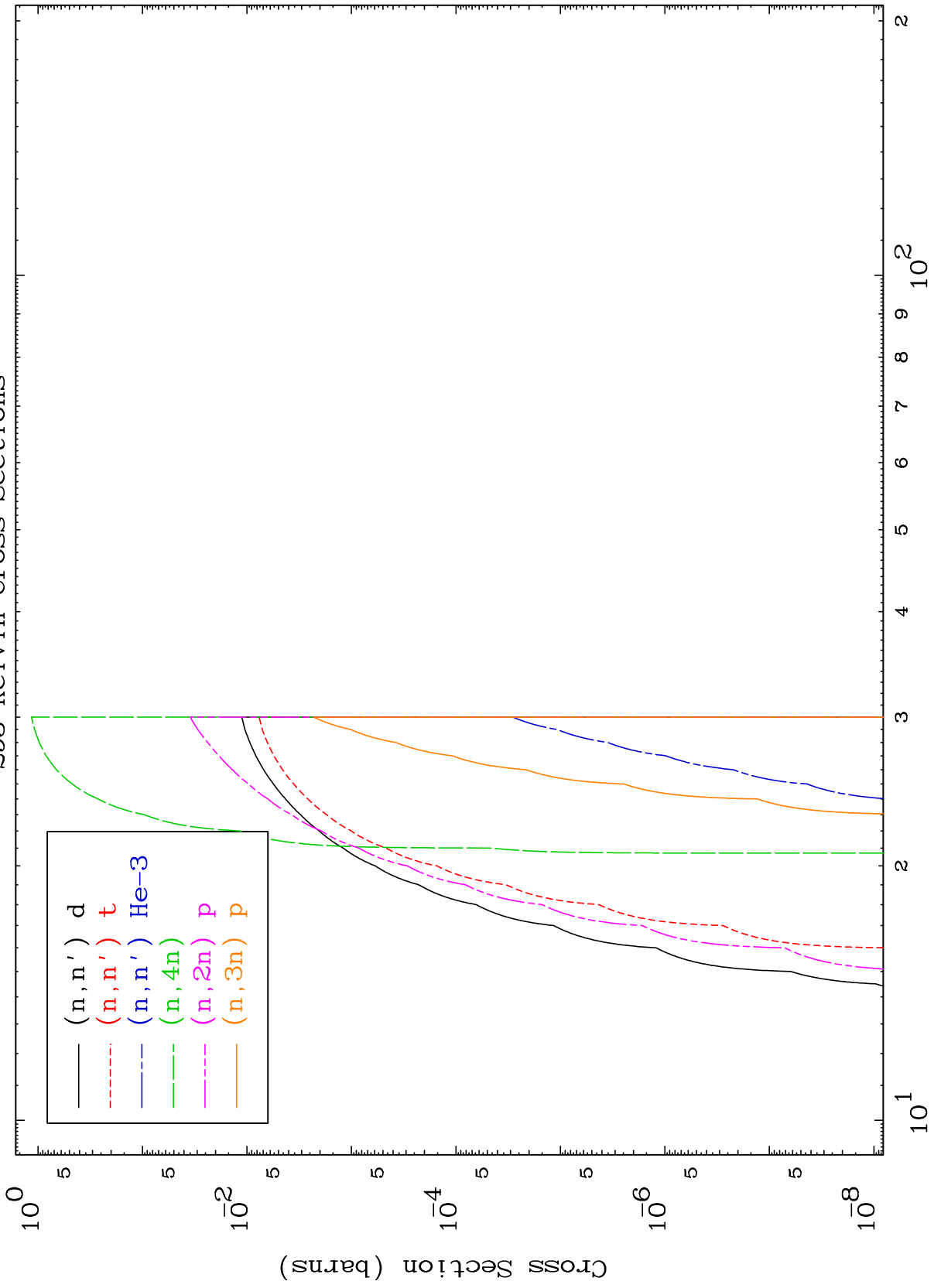


MAT 7129

Neutron Production  
293 Kelvin Cross Sections

71-Lu-176

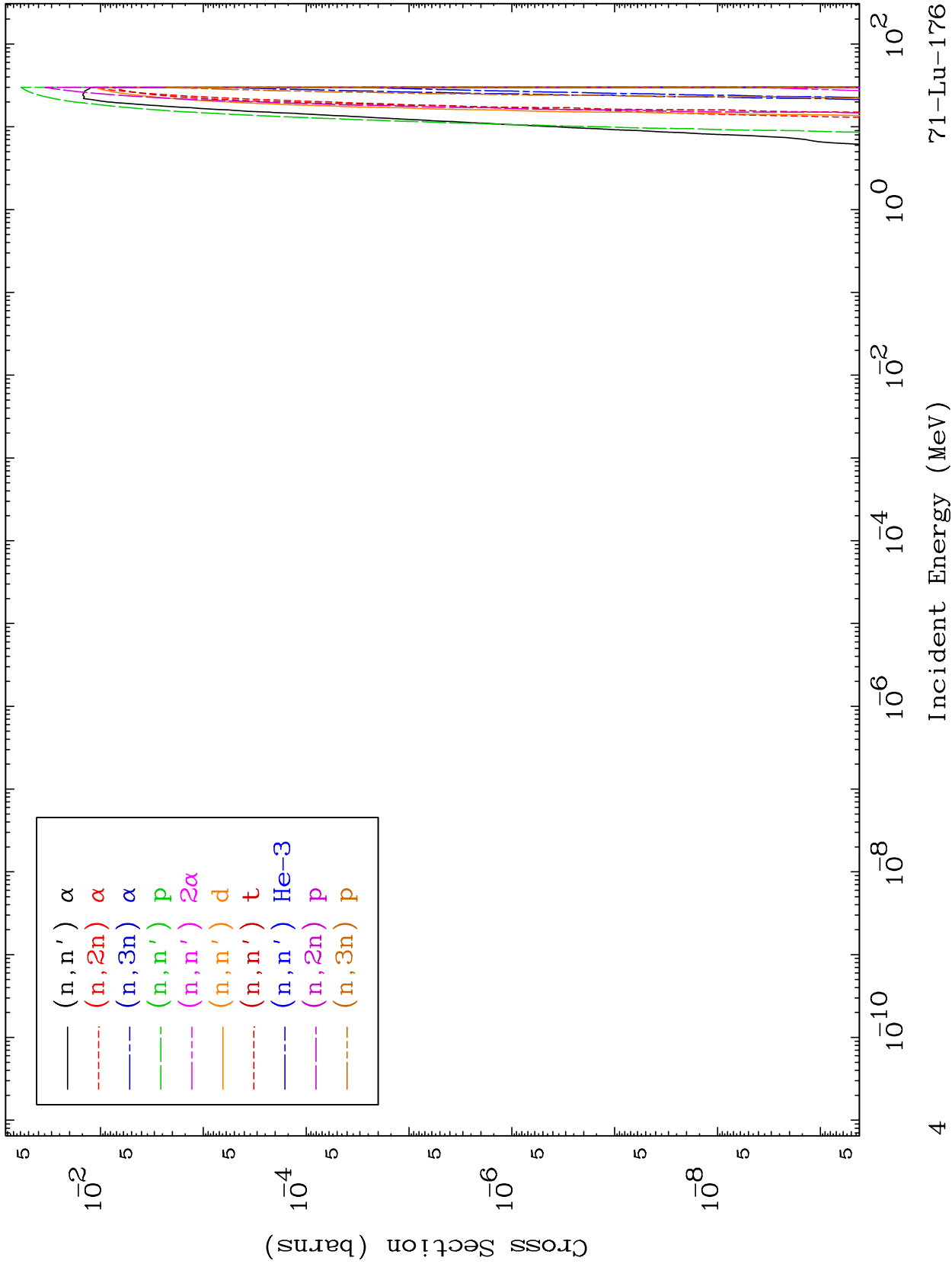


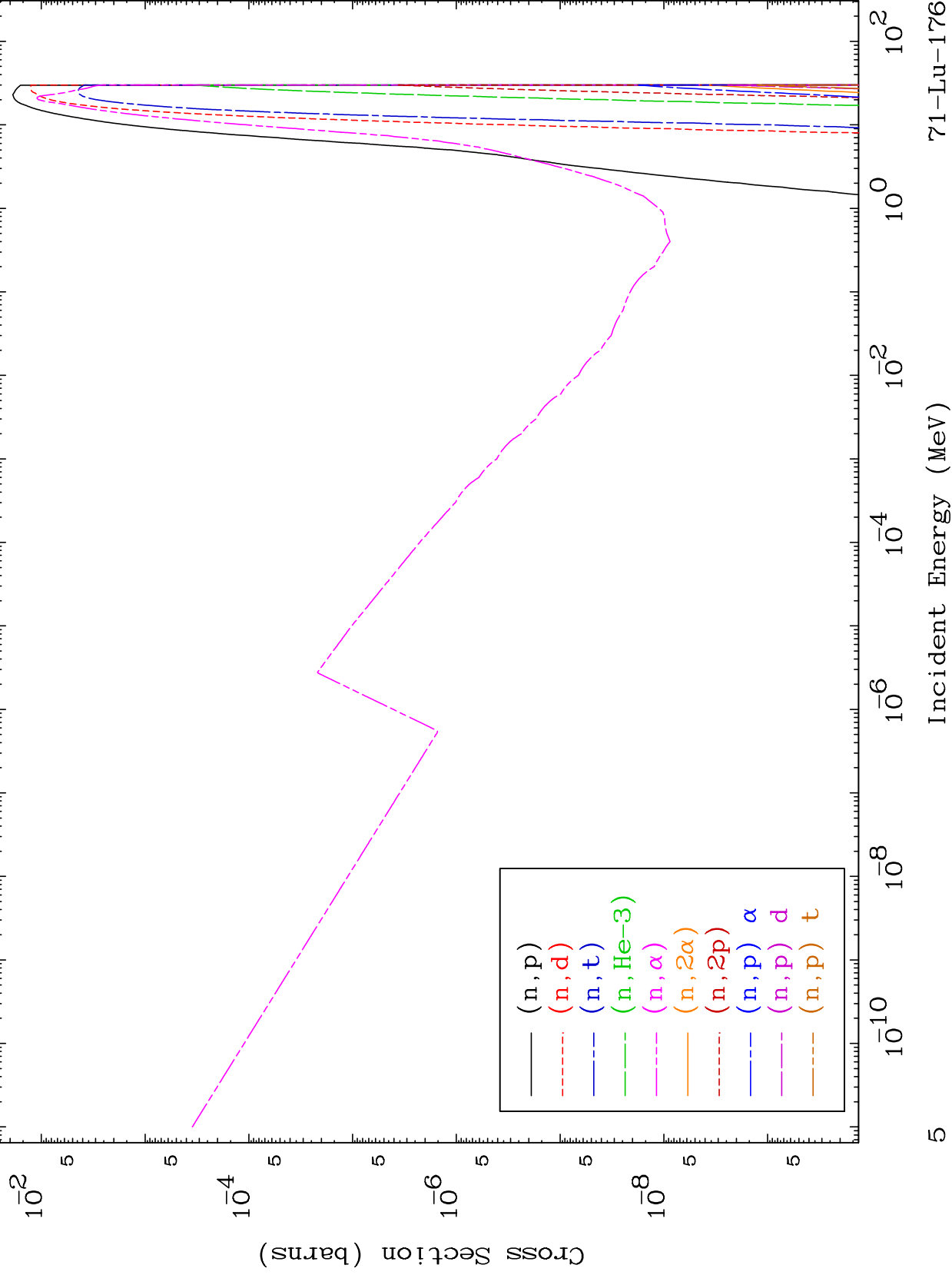


MAT 7129

Charged Particle  
293 Kelvin Cross Sections

71-Lu-176

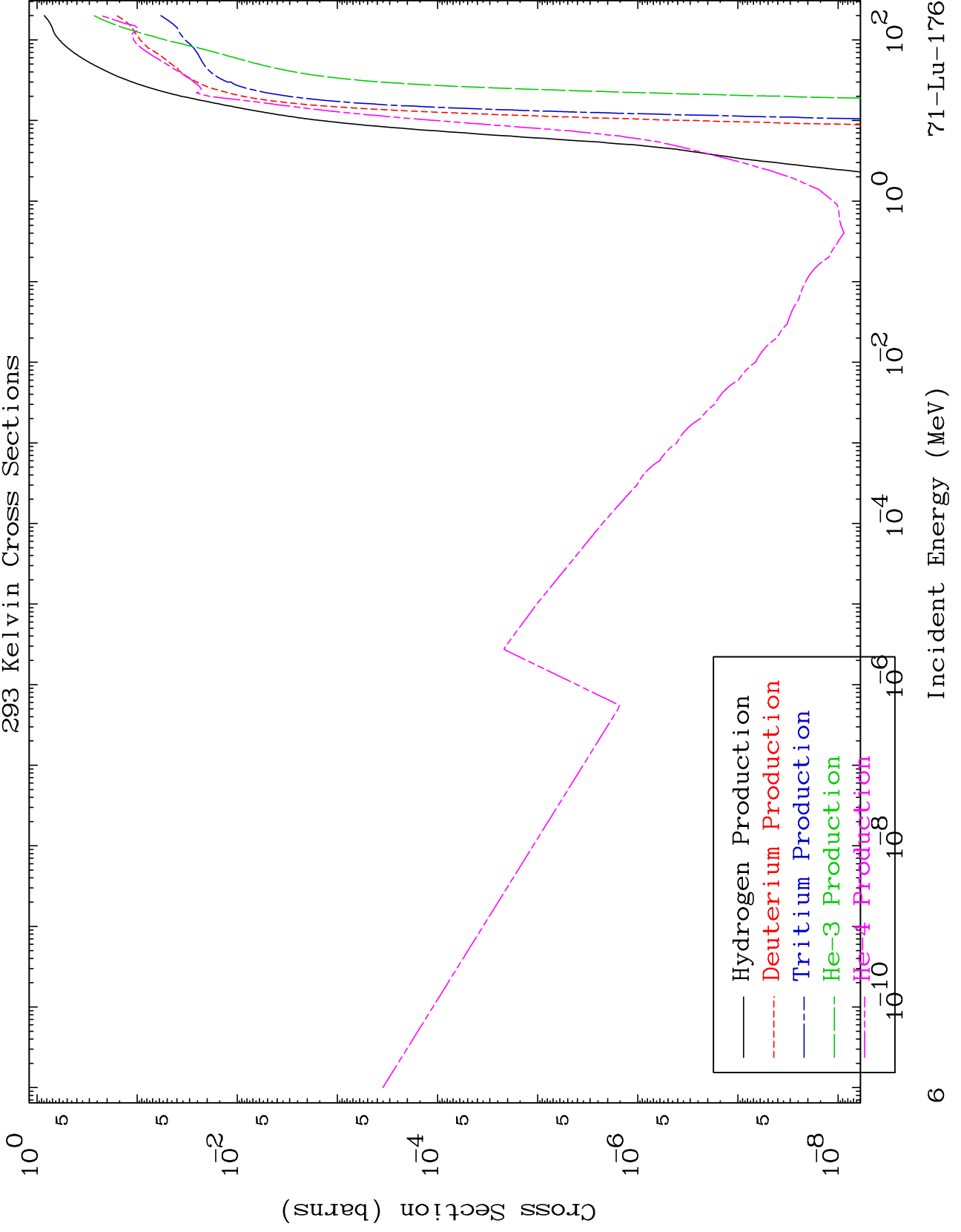




MAT 7129

Particle Production  
293 Kelvin Cross Sections

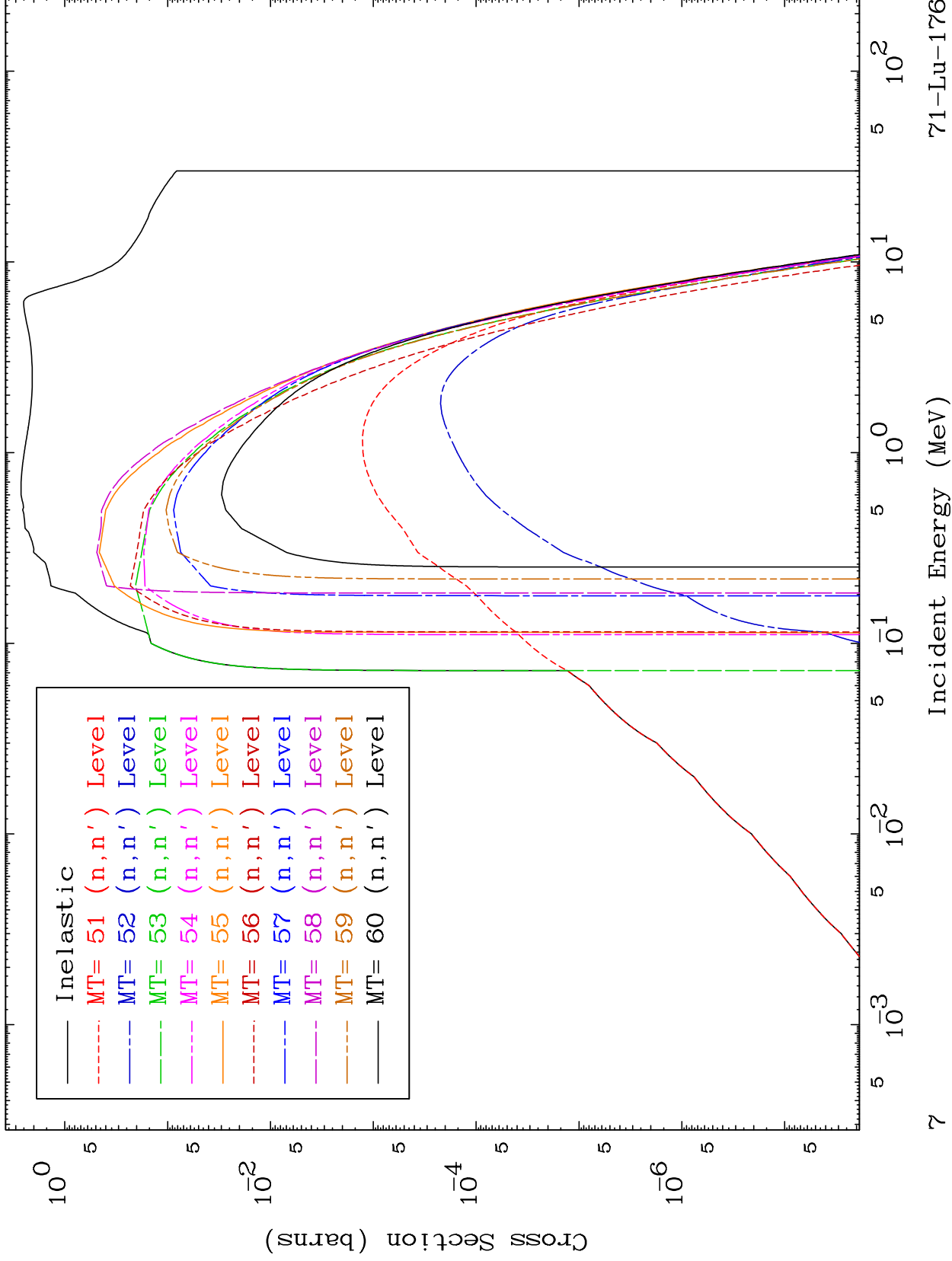
71-Lu-176



MAT 7129

293 Kelvin Cross Sections  
(n, n') Level

71-Lu-176



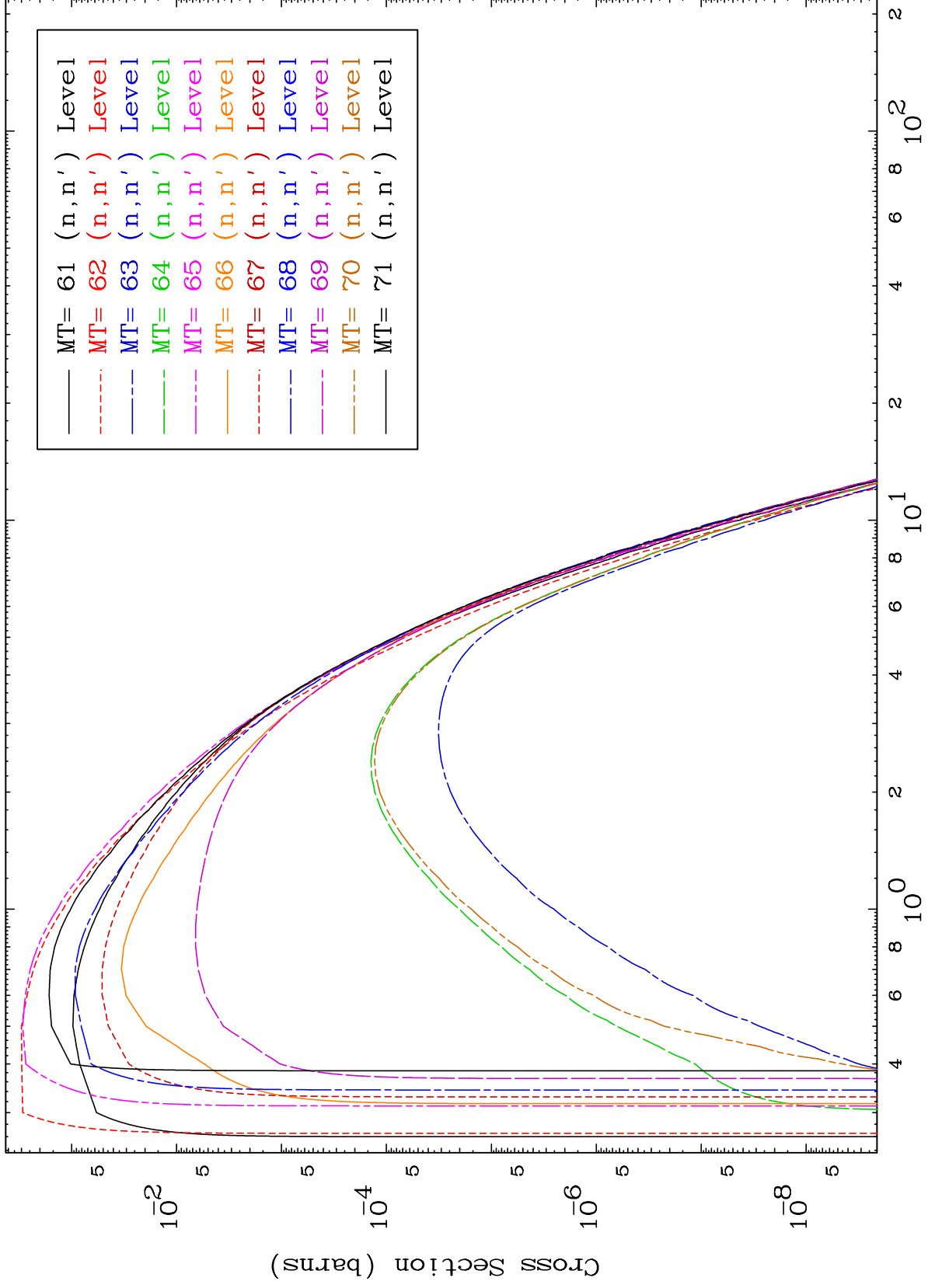


MAT 7129

(n,n') Level

71-Lu-176

293 Kelvin Cross Sections

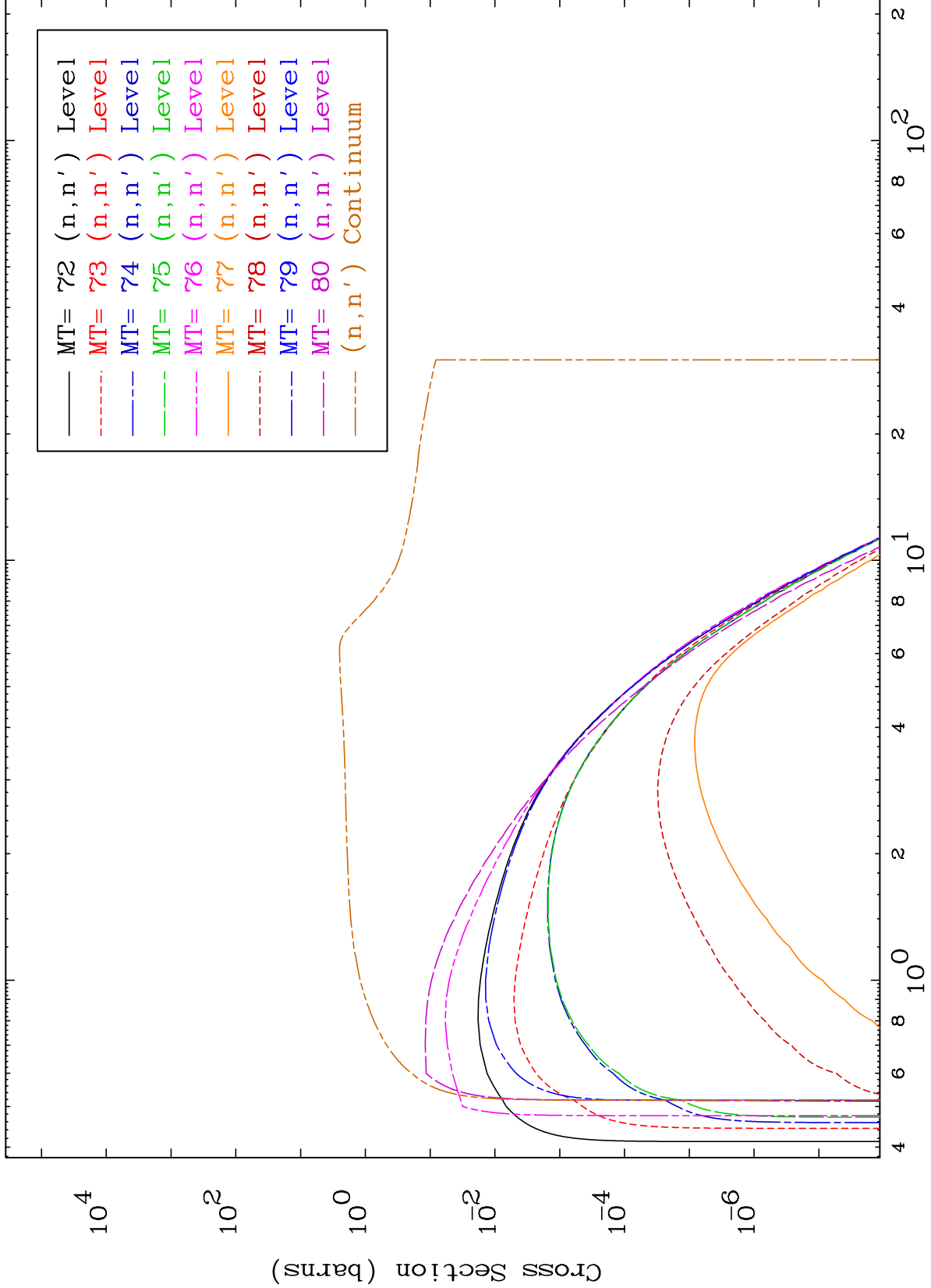


8

Incident Energy (MeV)

71-Lu-176

293 Kelvin Cross Sections

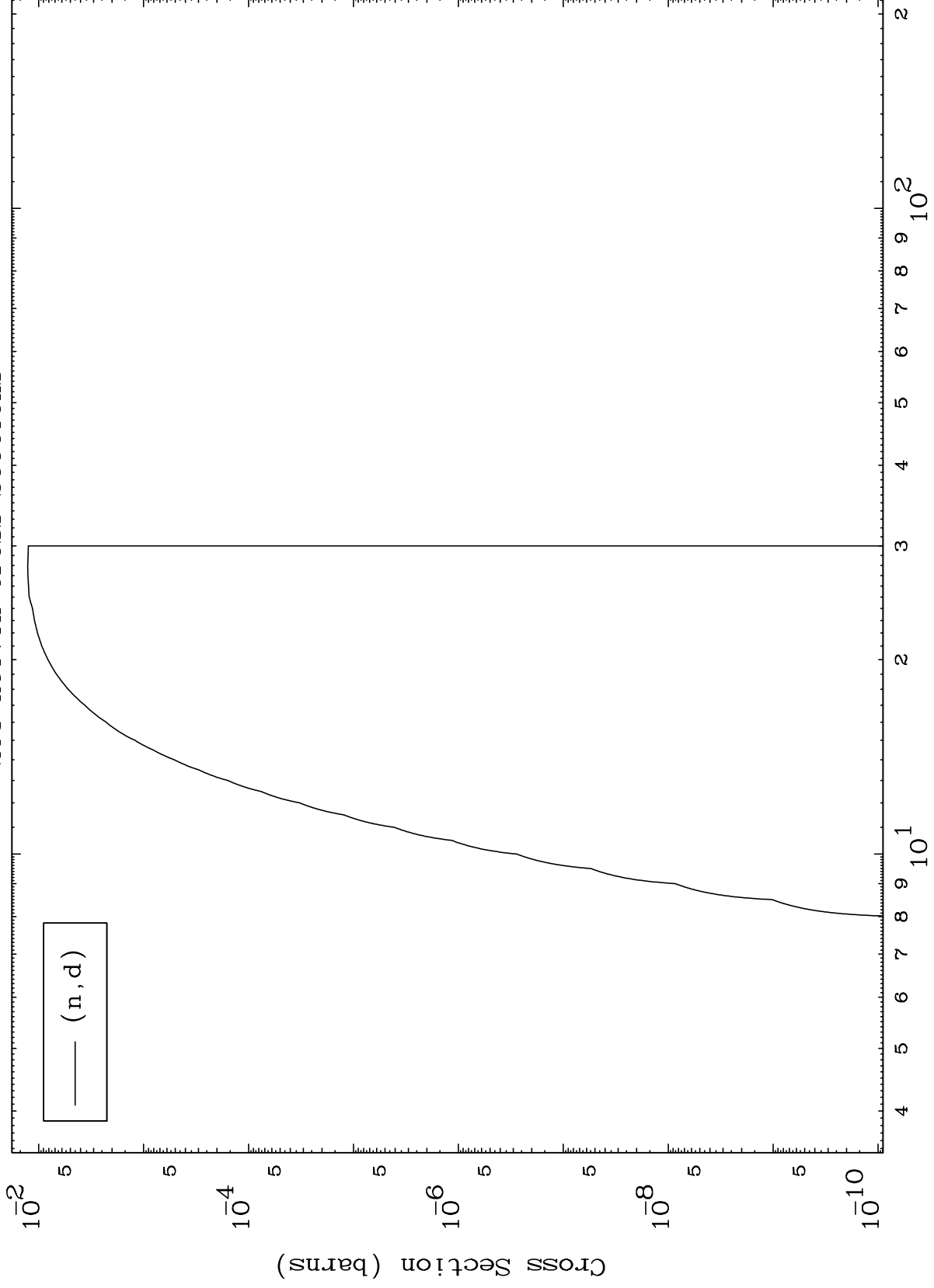




MAT 7129

(n,d) Levels  
293 Kelvin Cross Sections

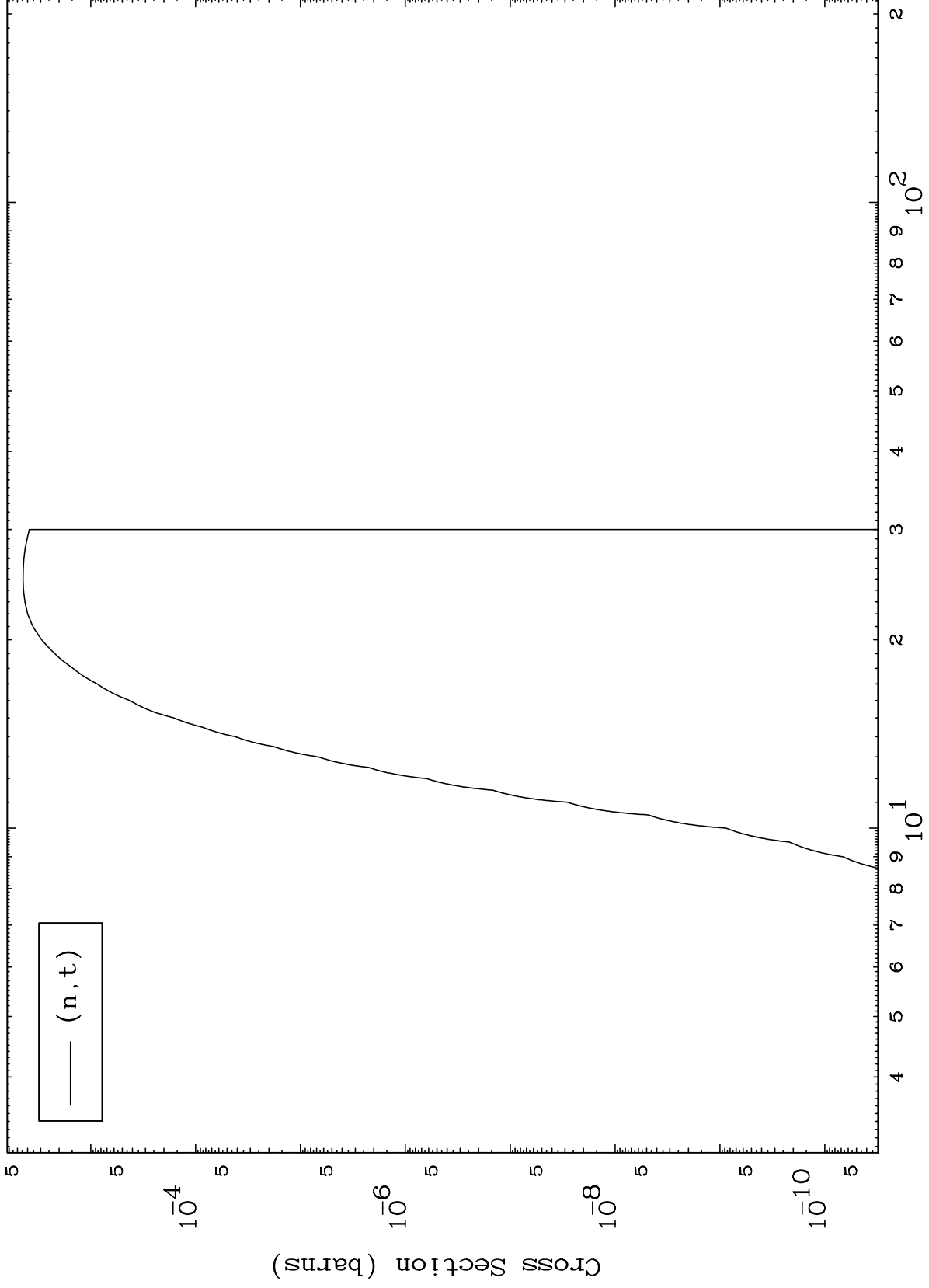
71-Lu-176



MAT 7129

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-176



12

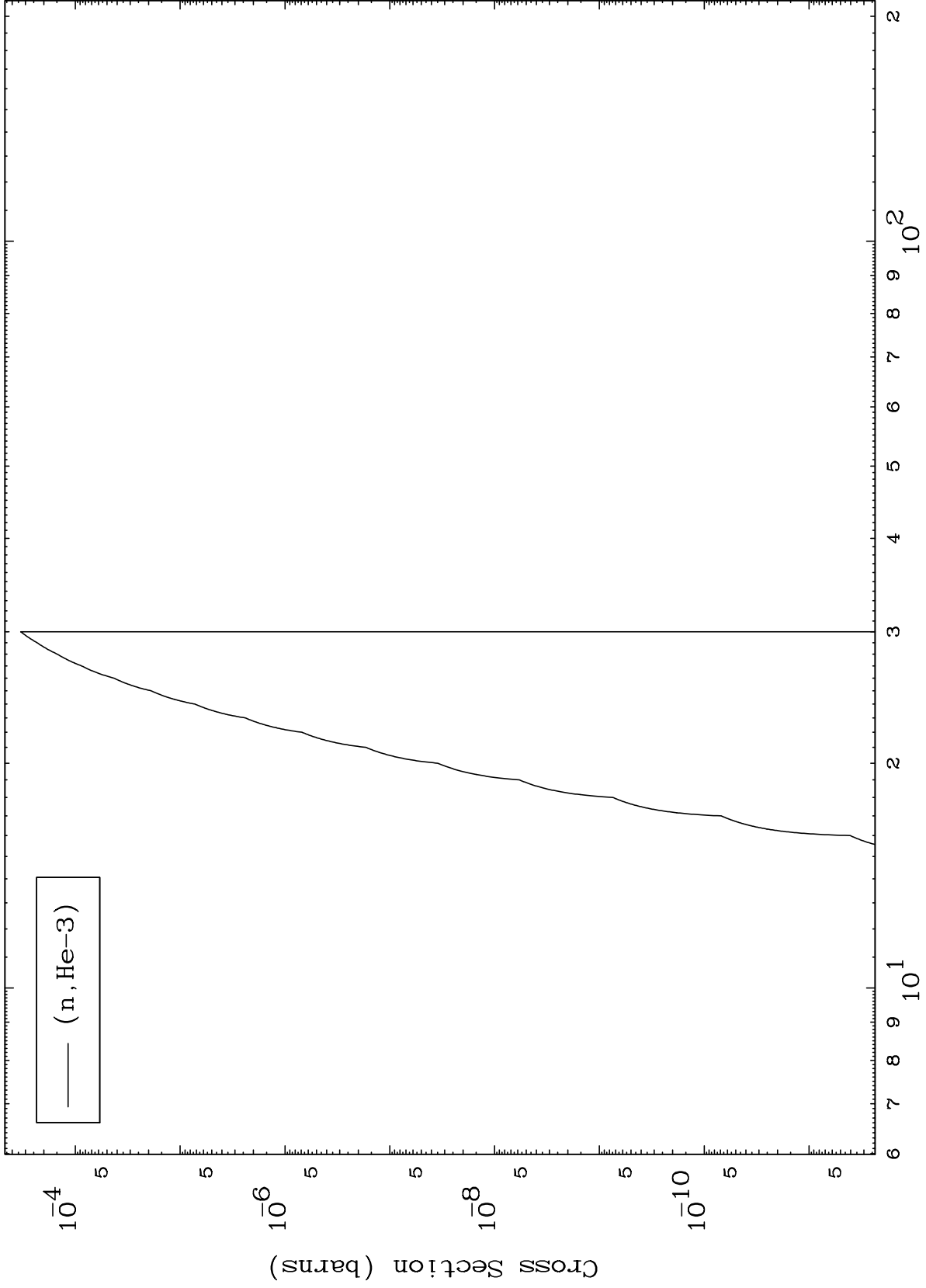
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-176



13

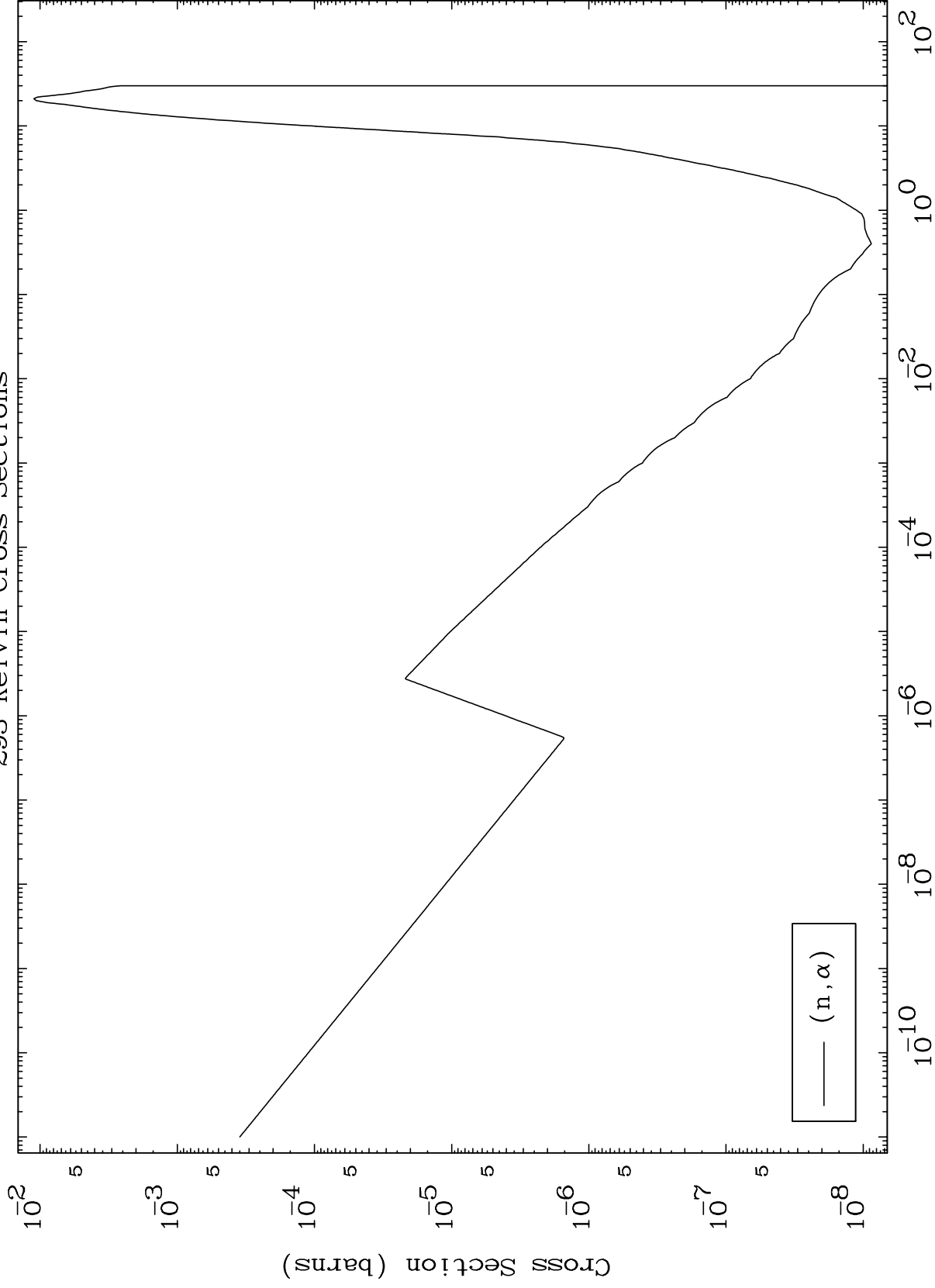
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,α) Levels  
293 Kelvin Cross Sections

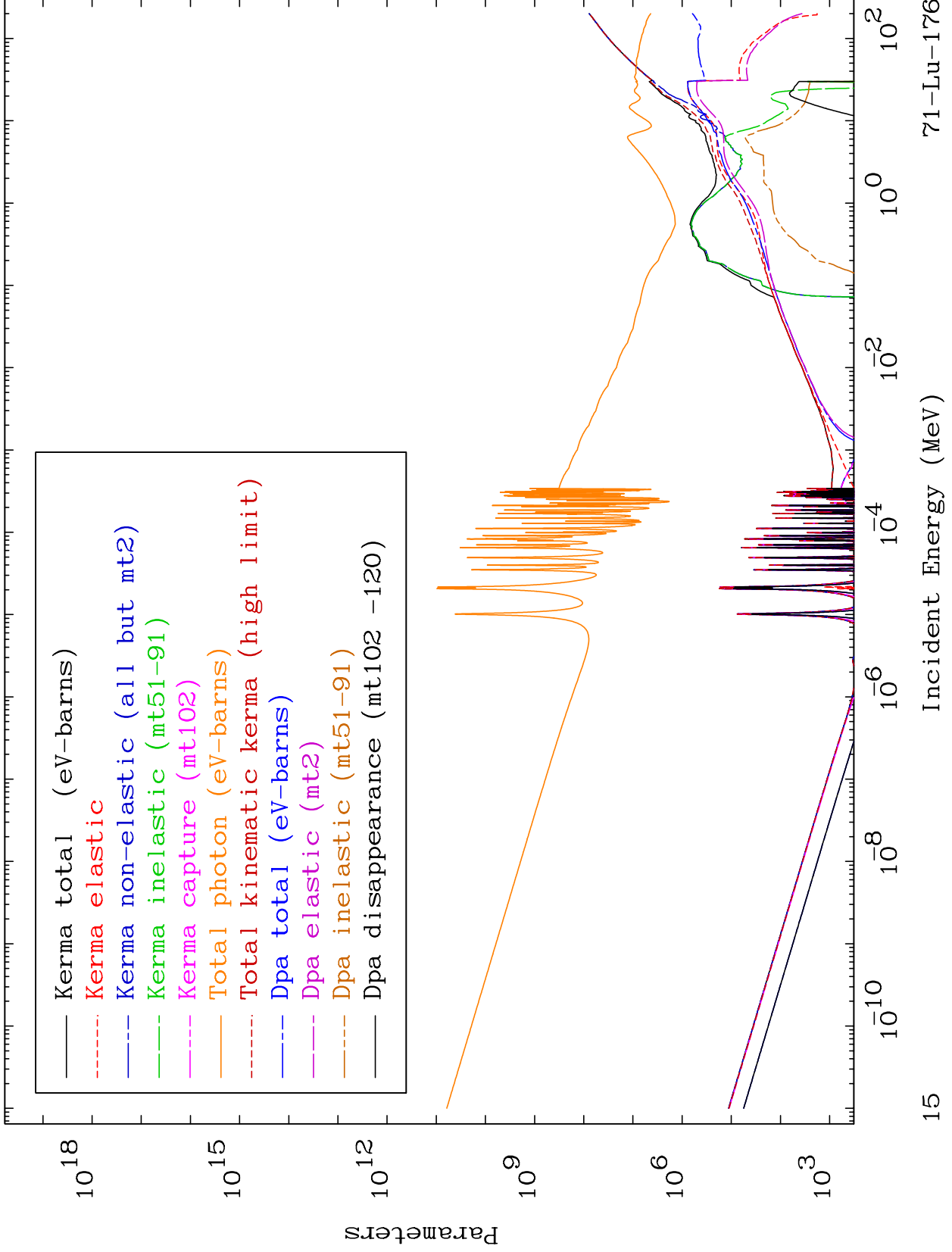
71-Lu-176



14

Incident Energy (MeV)

71-Lu-176

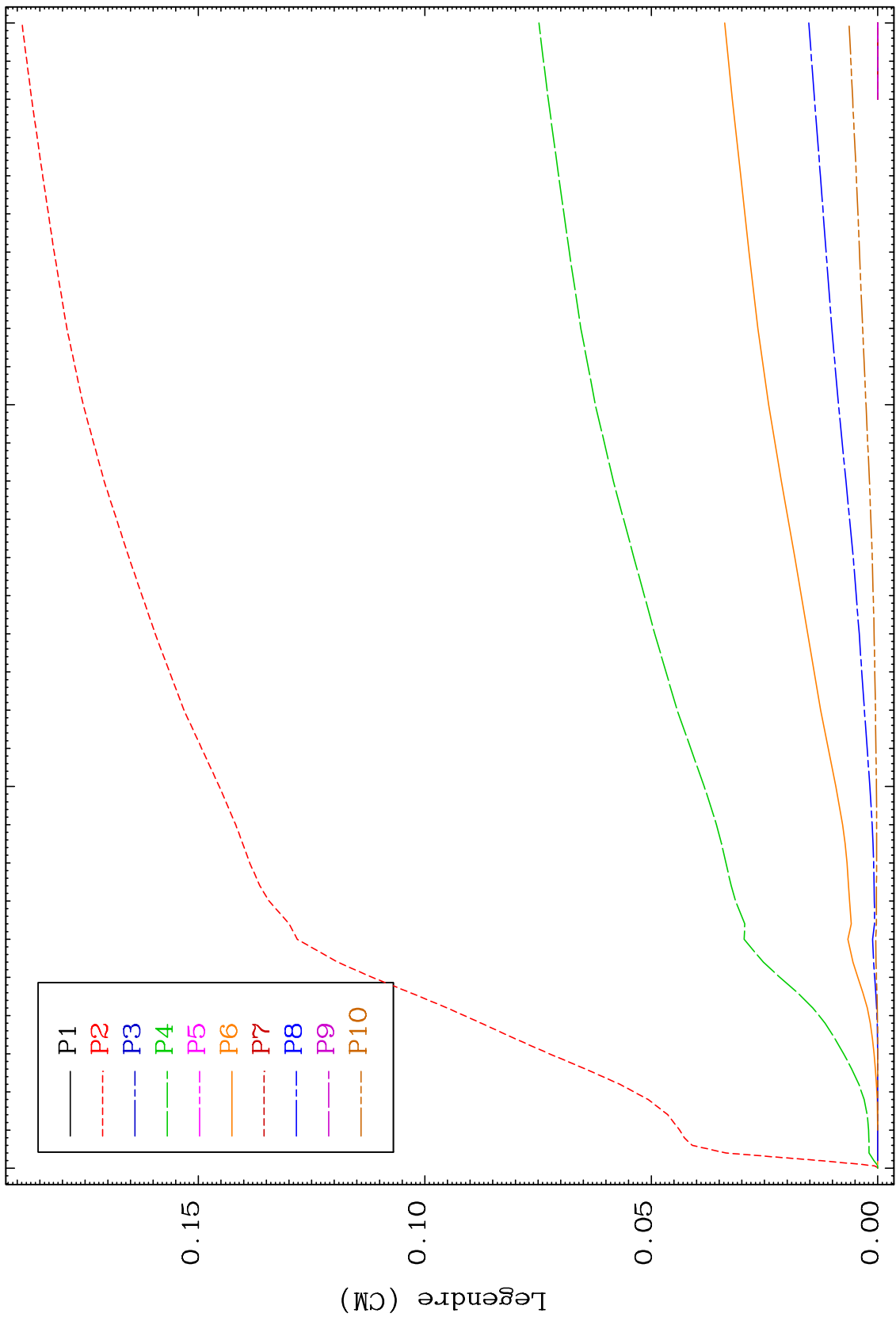




MAT 7129

Elastic Legendre Coefficients

71-Lu-176



16

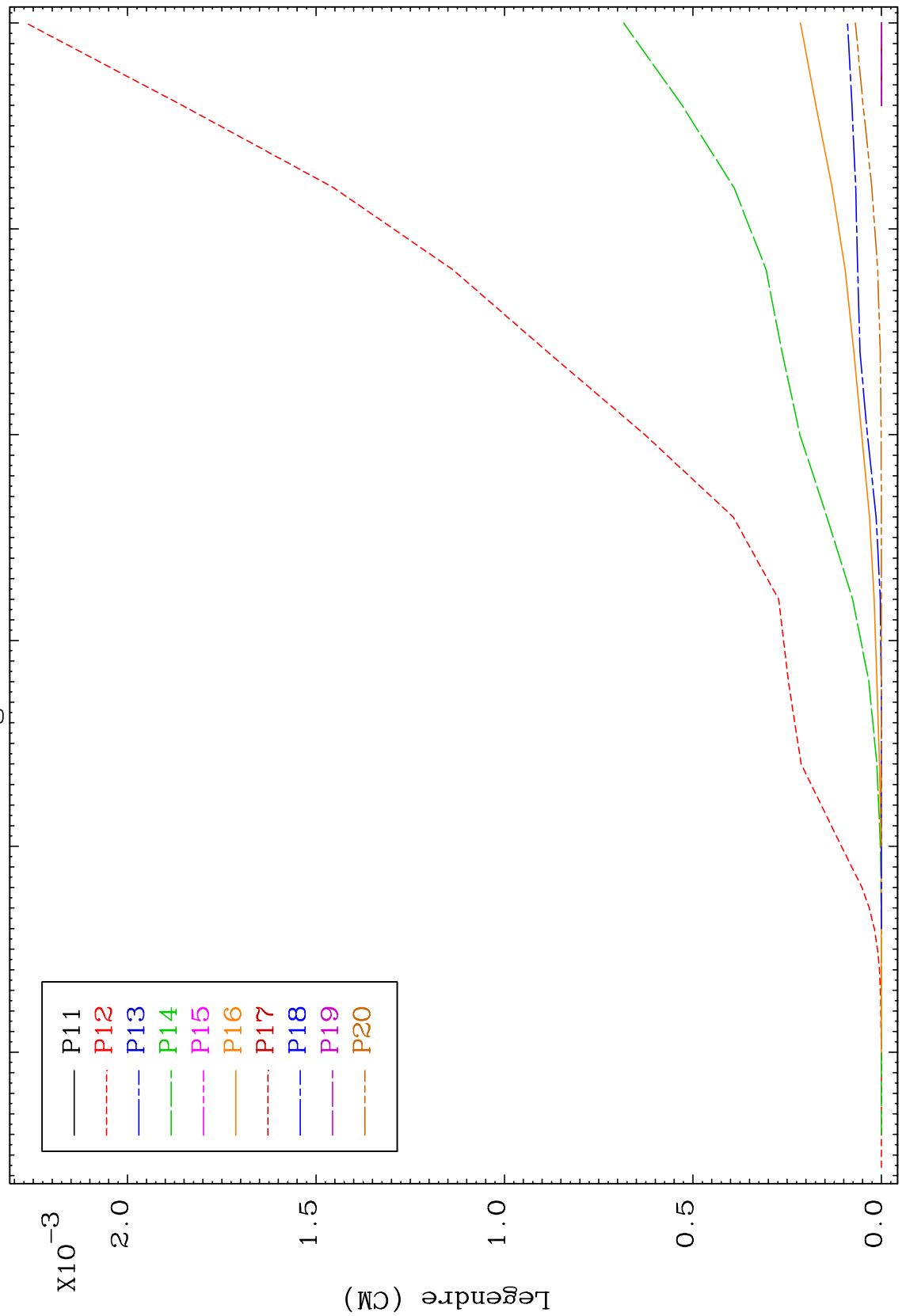
Incident Energy (MeV)

71-Lu-176

MAT 7129

Elastic Legendre Coefficients

71-Lu-176



17

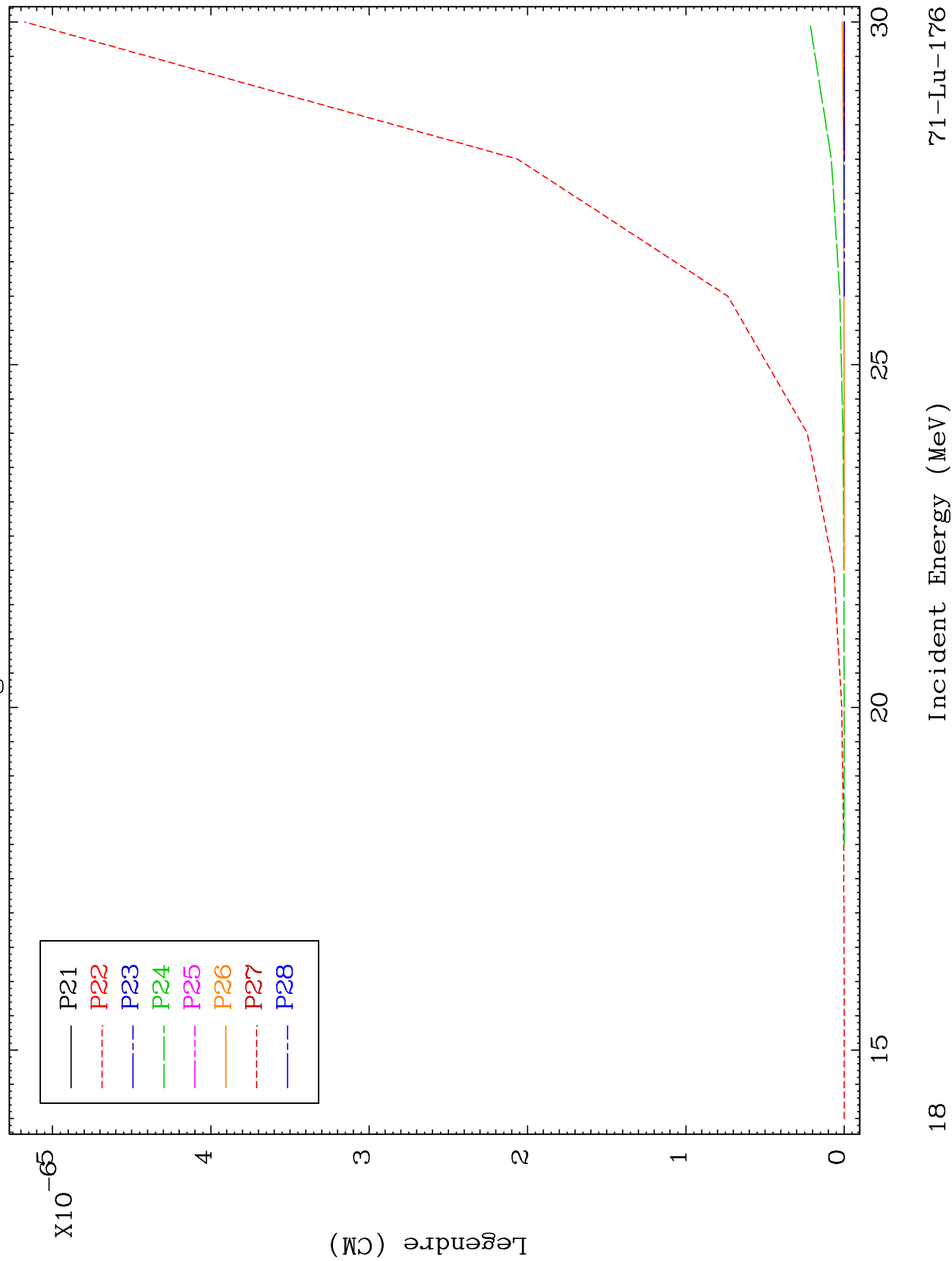
Incident Energy (MeV)

71-Lu-176

MAT 7129

Elastic  
Legendre Coefficients

71-Lu-176



18

Incident Energy (MeV)

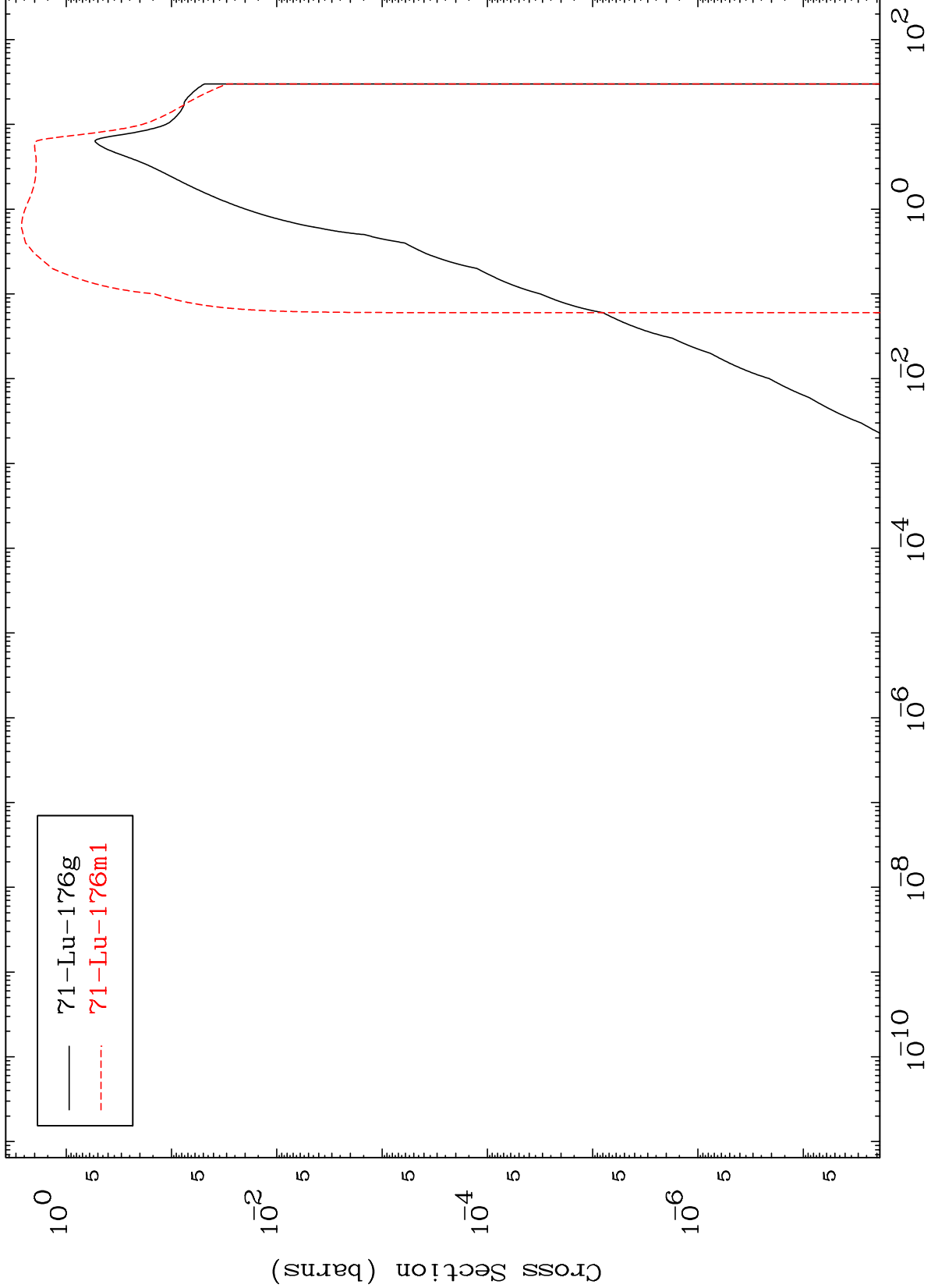
71-Lu-176

MAT 7129

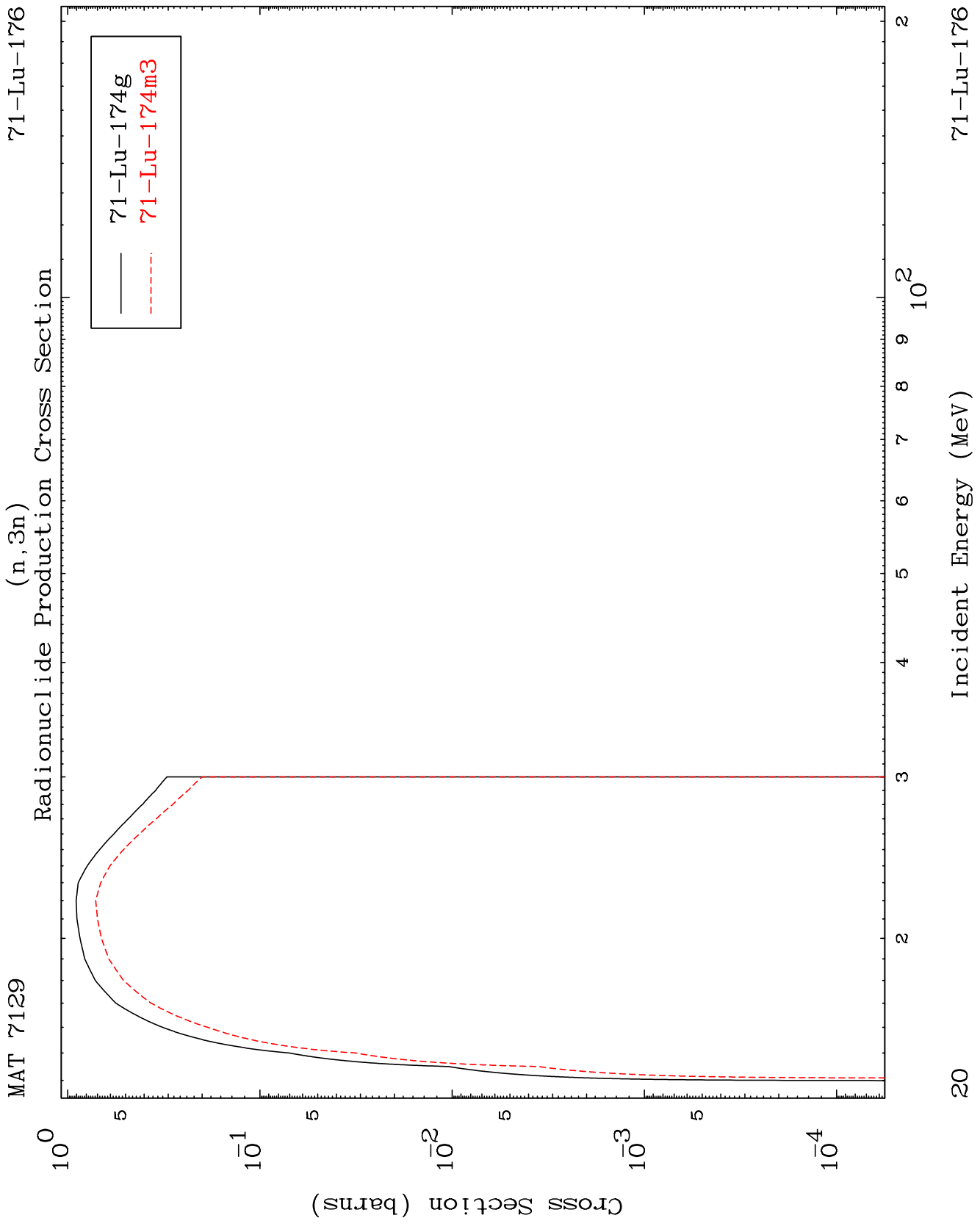
Inelastic

<sup>71</sup>Lu-176

Radionuclide Production Cross Section



— <sup>71</sup>Lu-176g  
- - - <sup>71</sup>Lu-176m1

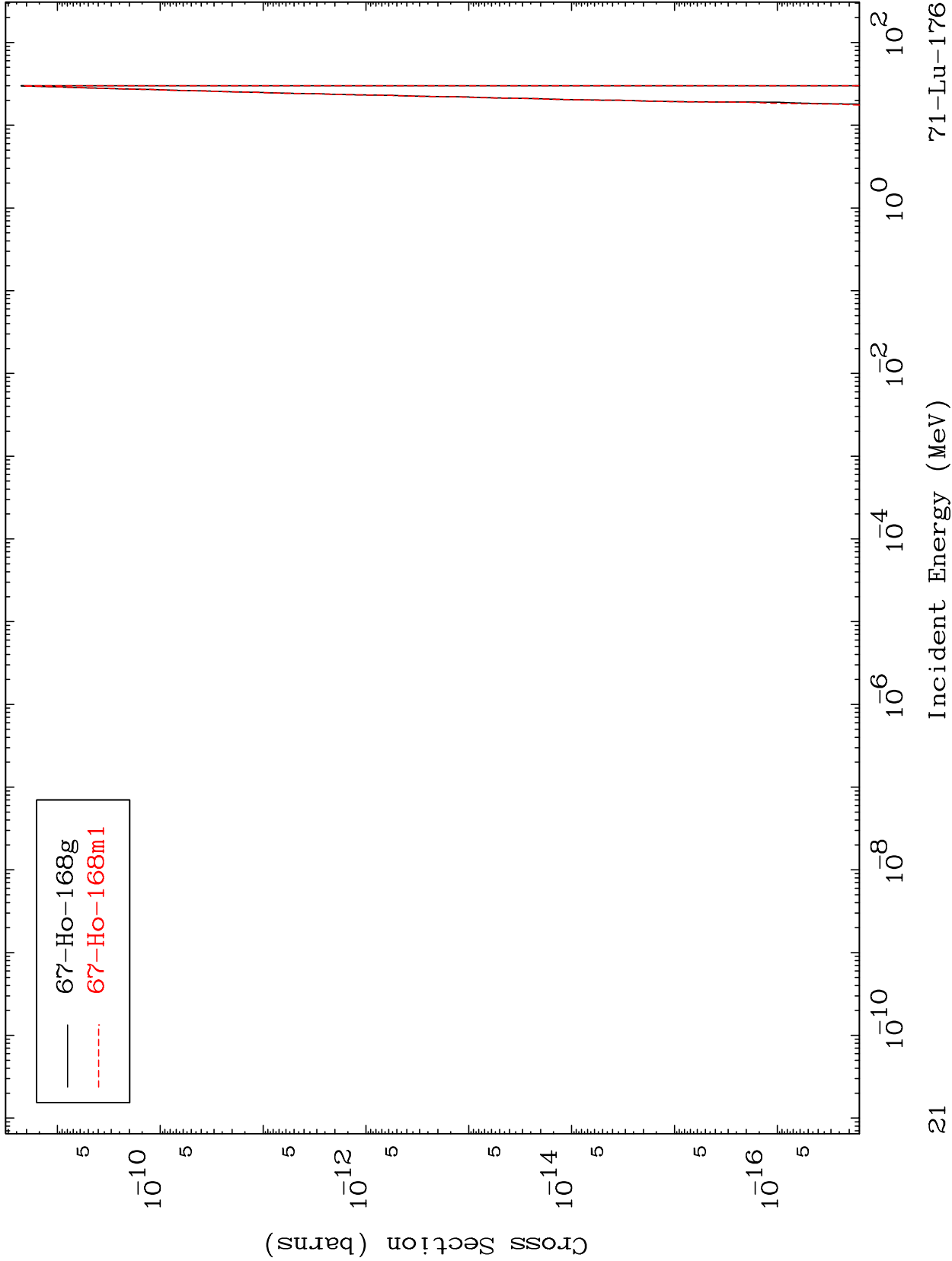


MAT 7129

(n,n') 2α

71-Lu-176

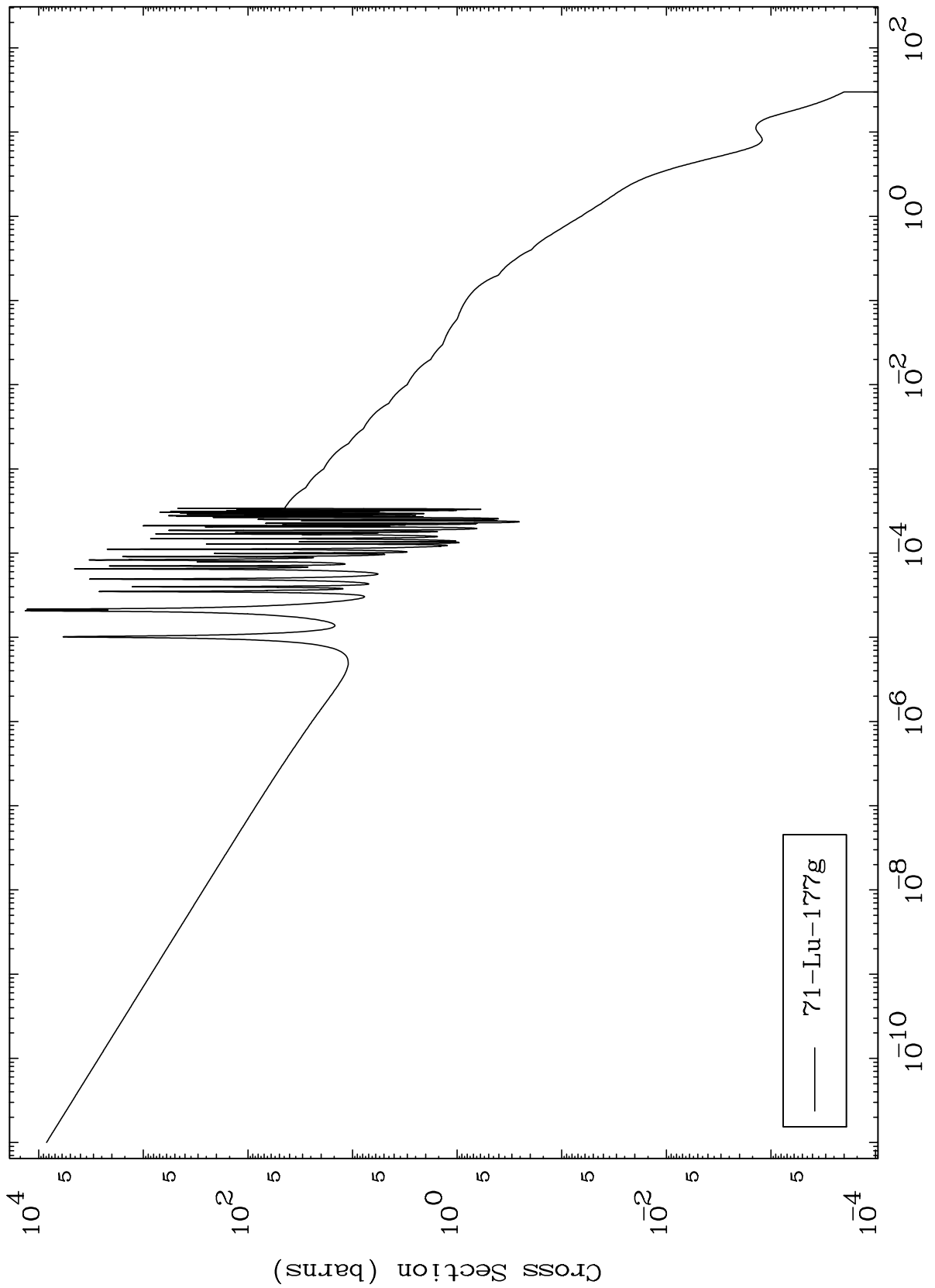
Radionuclide Production Cross Section



MAT 7129

<sup>71</sup>Lu-176

(n,γ)  
Radionuclide Production Cross Section



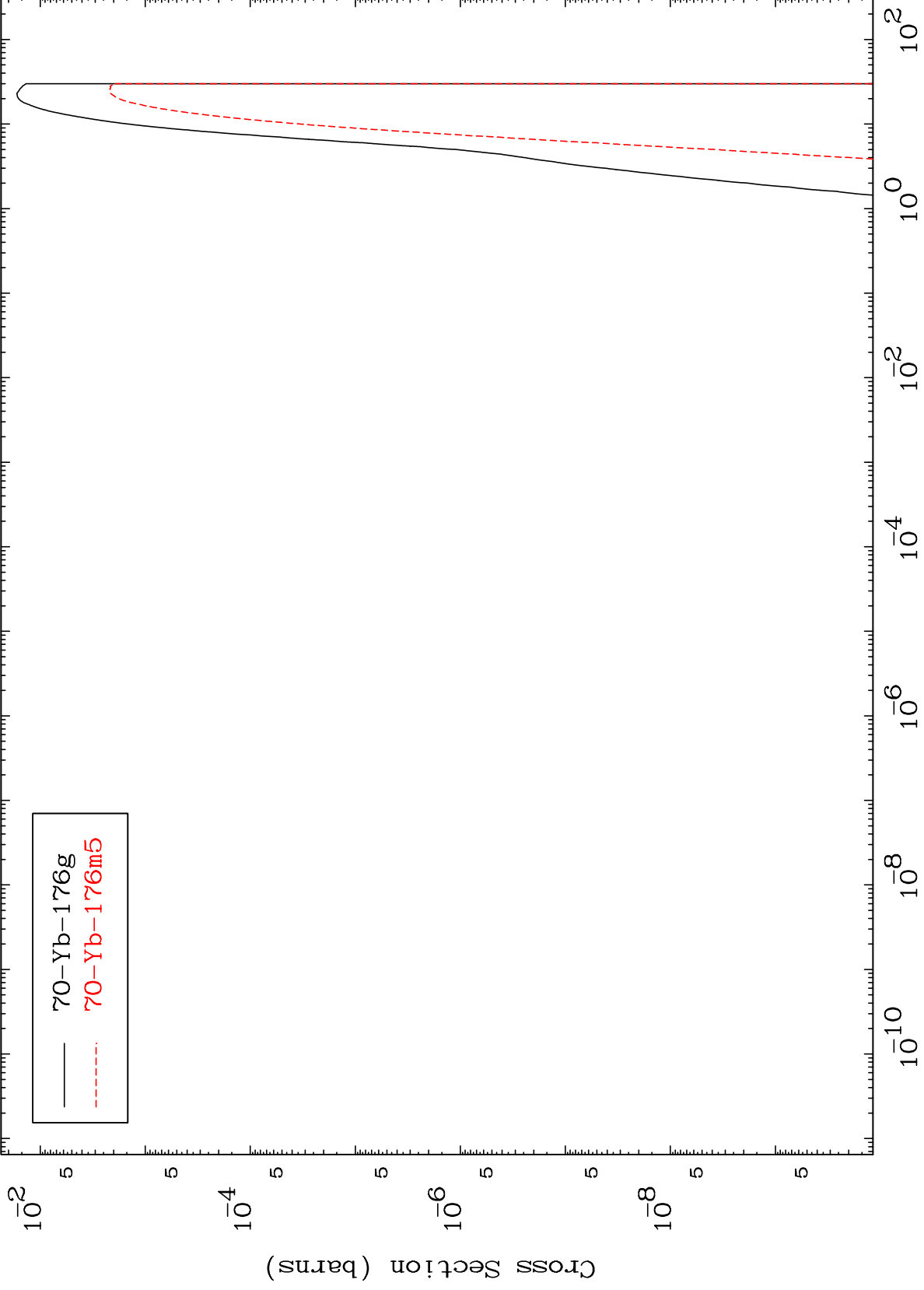
<sup>71</sup>Lu-176

Incident Energy (MeV)

MAT 7129

(n,p)  
Radionuclide Production Cross Section

<sup>71</sup>Lu-176



— <sup>70</sup>Yb-176g  
- - - <sup>70</sup>Yb-176m5

Incident Energy (MeV)

<sup>71</sup>Lu-176