

Program EVALPLOT
(Version 2021-1)

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

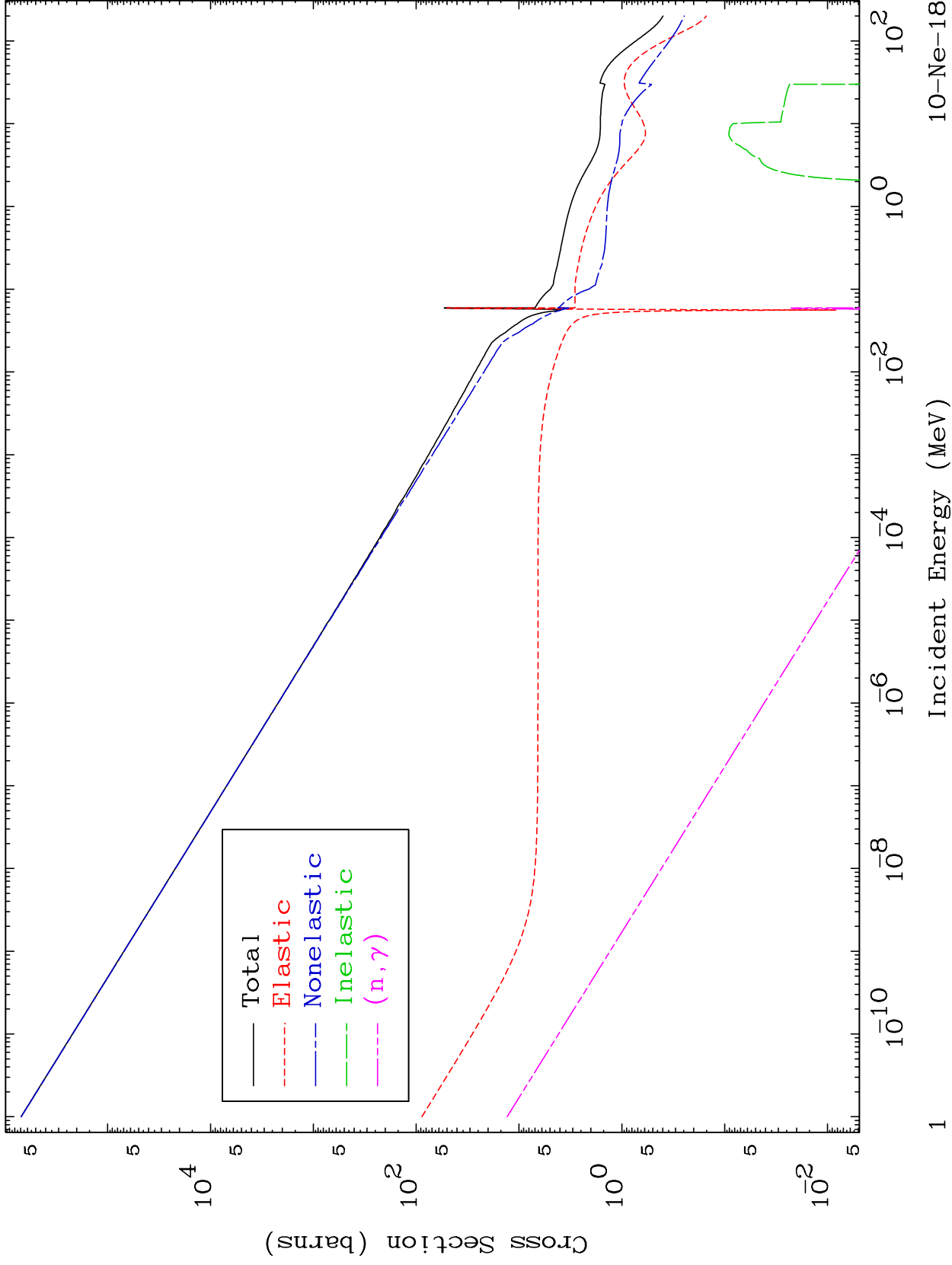
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1019

Neutron Major
293 Kelvin Cross Sections

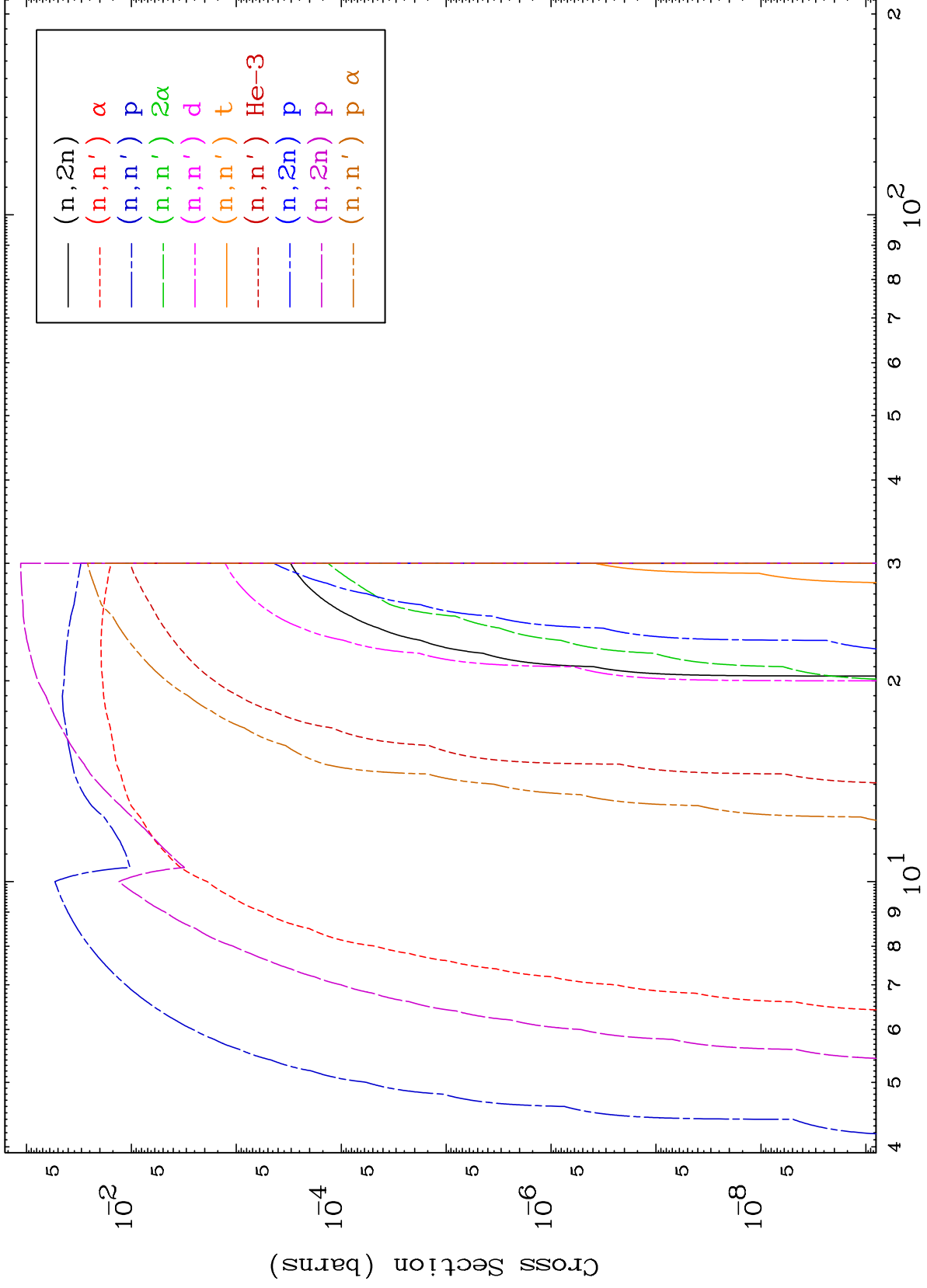
10-Ne-18



MAT 1019

Neutron Absorption
293 Kelvin Cross Sections

10-Ne-18



2

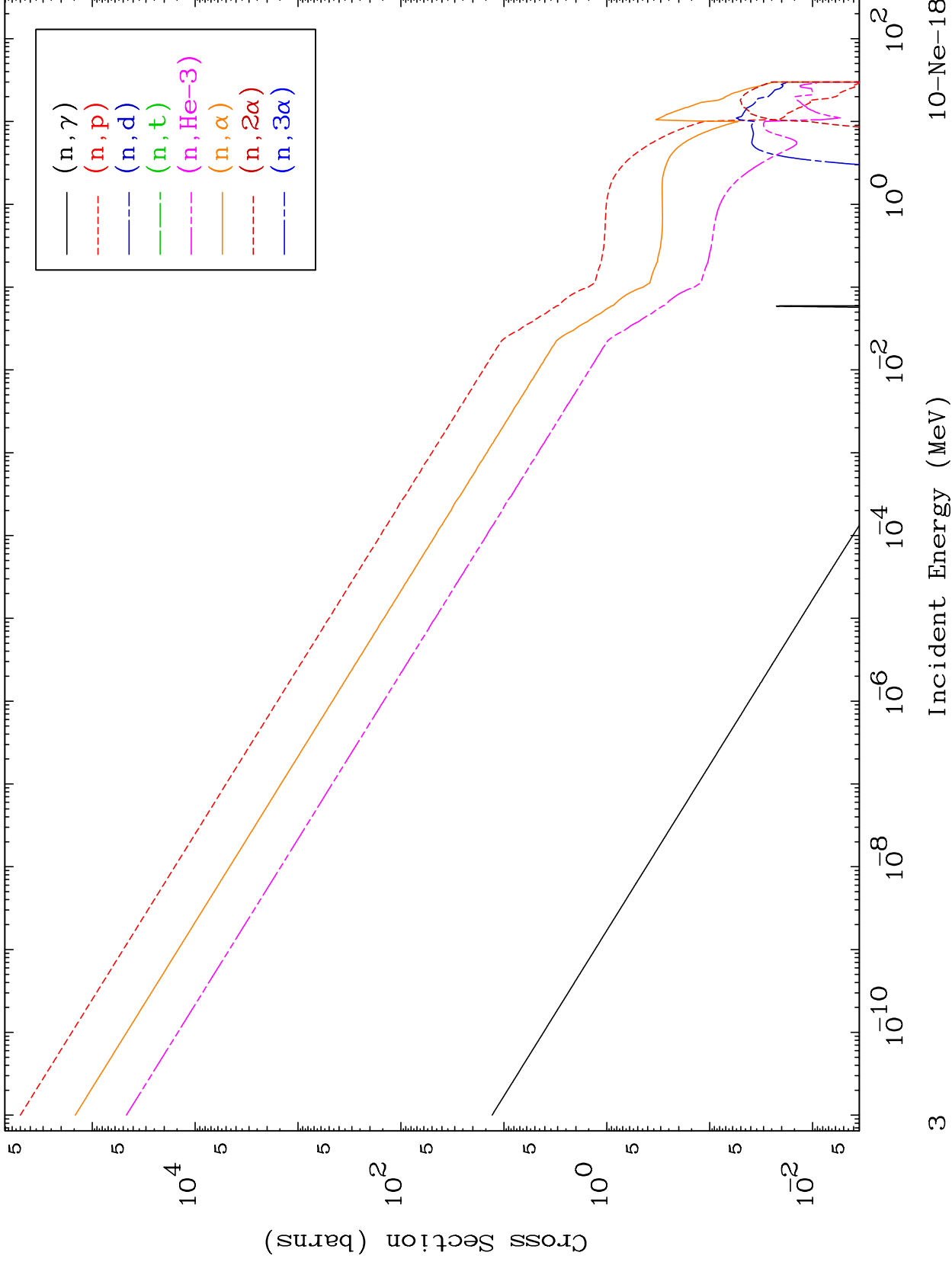
Incident Energy (MeV)

10-Ne-18

MAT 1019

Neutron Absorption
293 Kelvin Cross Sections

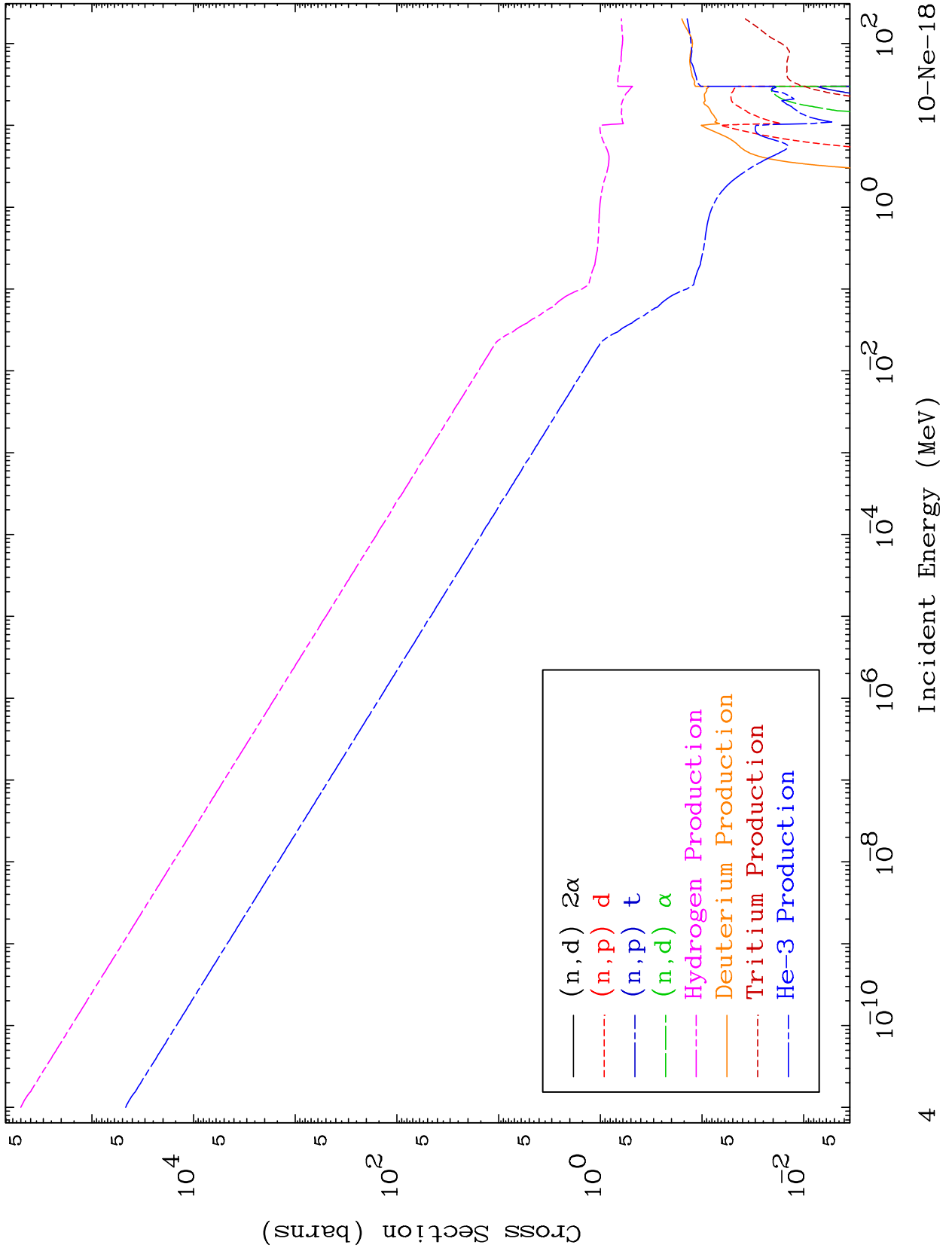
10-Ne-18



MAT 1019

Neutron Absorption
293 Kelvin Cross Sections

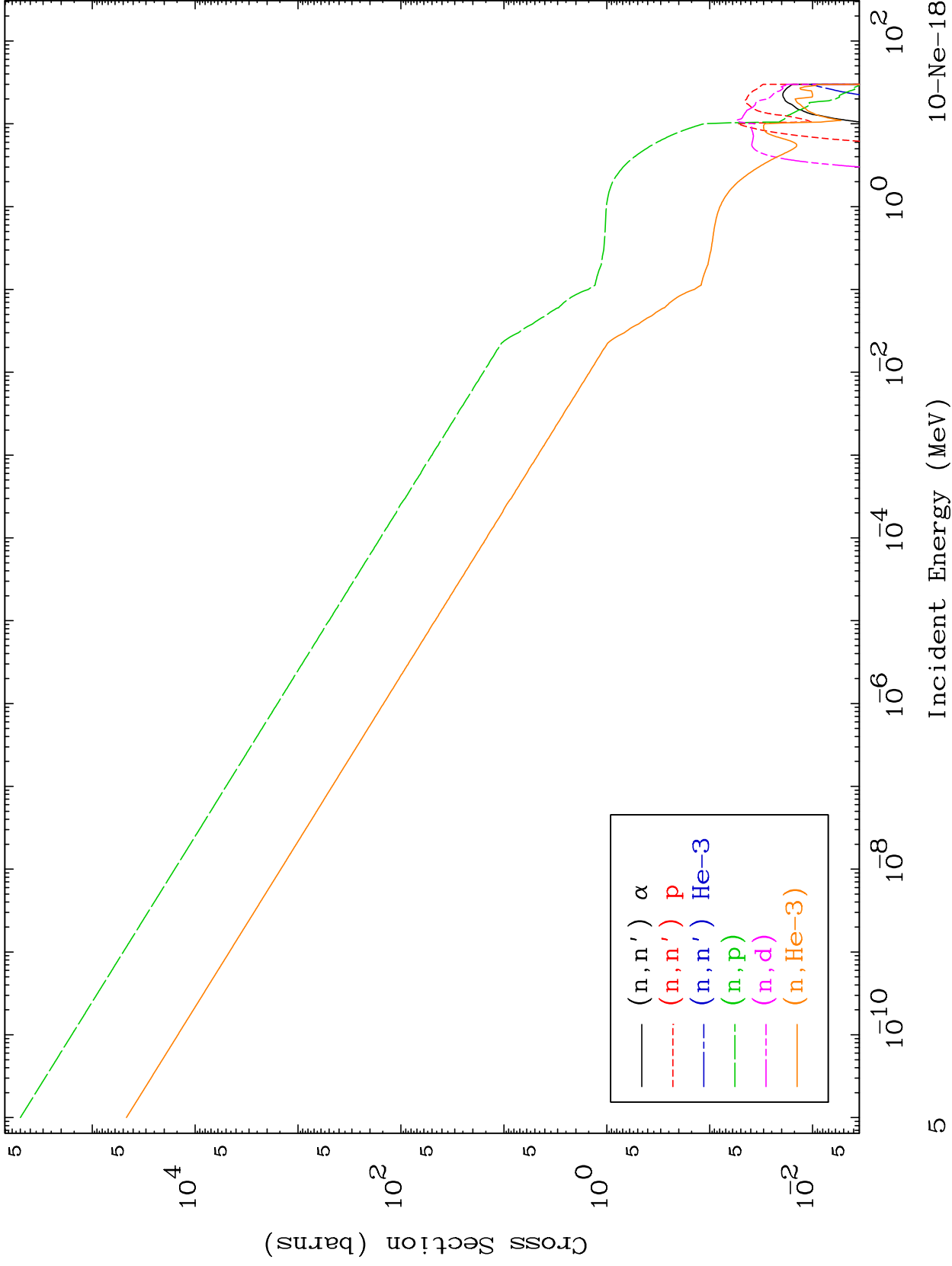
10-Ne-18



MAT 1019

Charged Particle
293 Kelvin Cross Sections

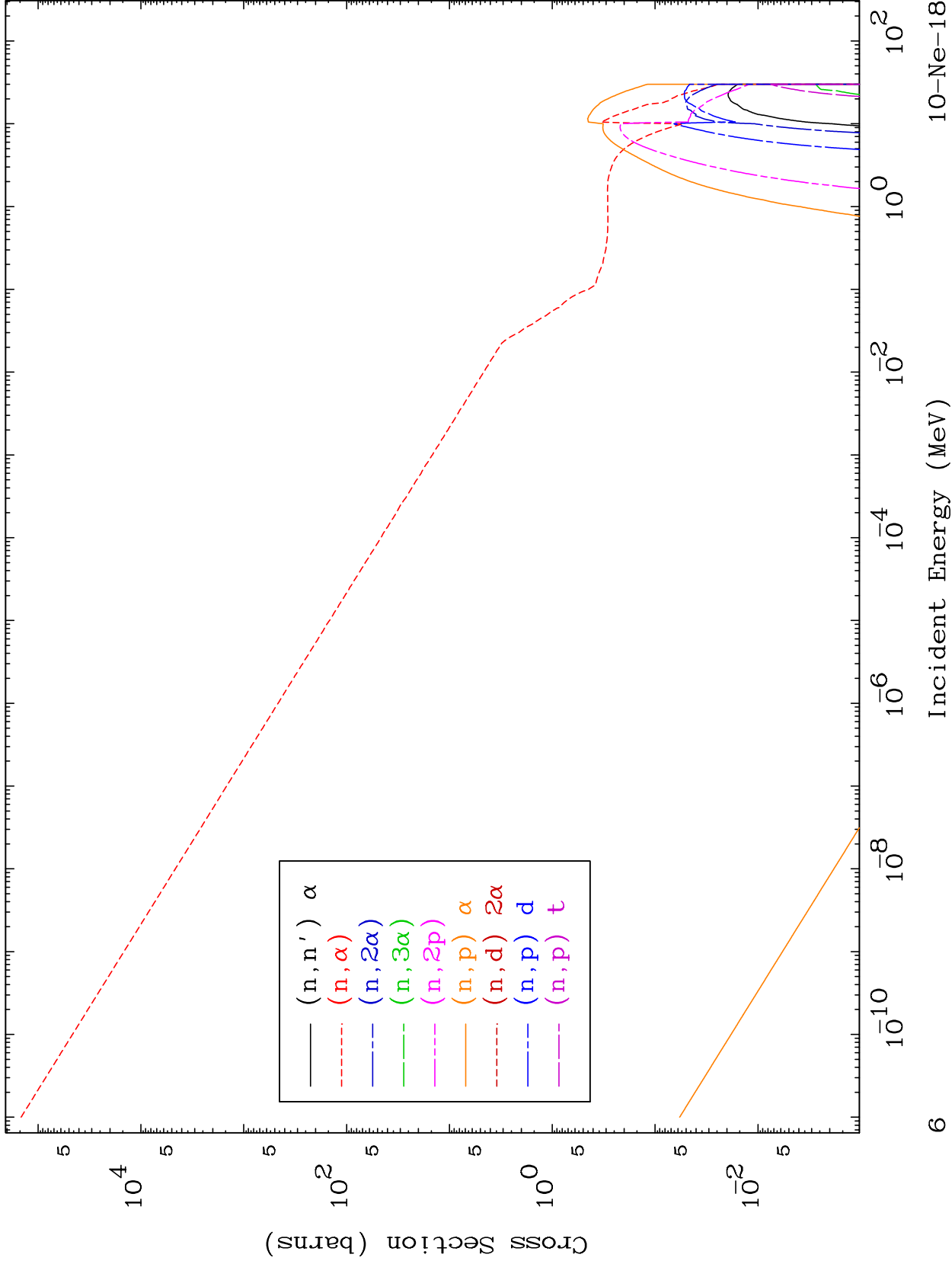
10-Ne-18



MAT 1019

Charged Particle
293 Kelvin Cross Sections

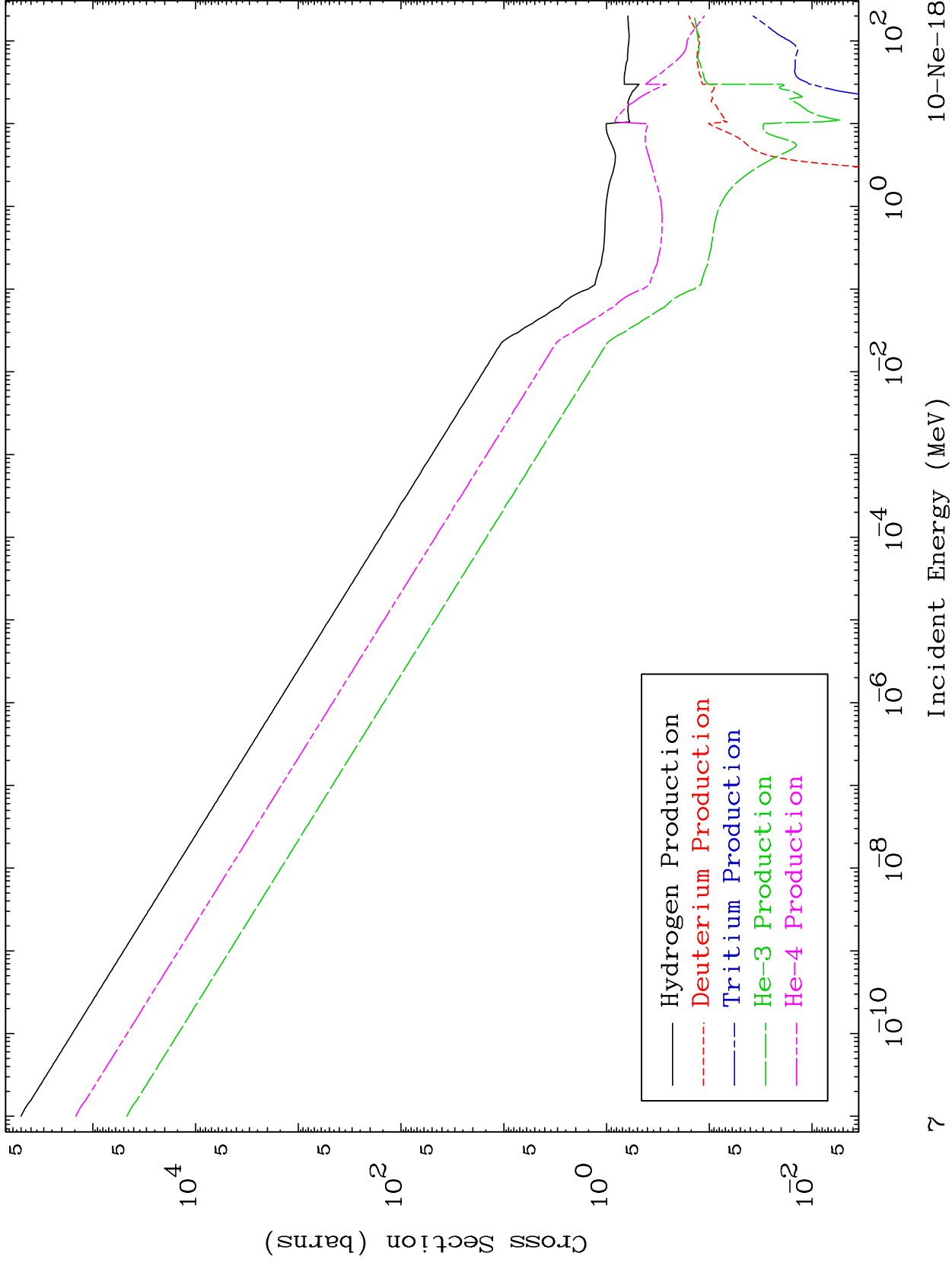
10-Ne-18



MAT 1019

Particle Production
293 Kelvin Cross Sections

10-Ne-18

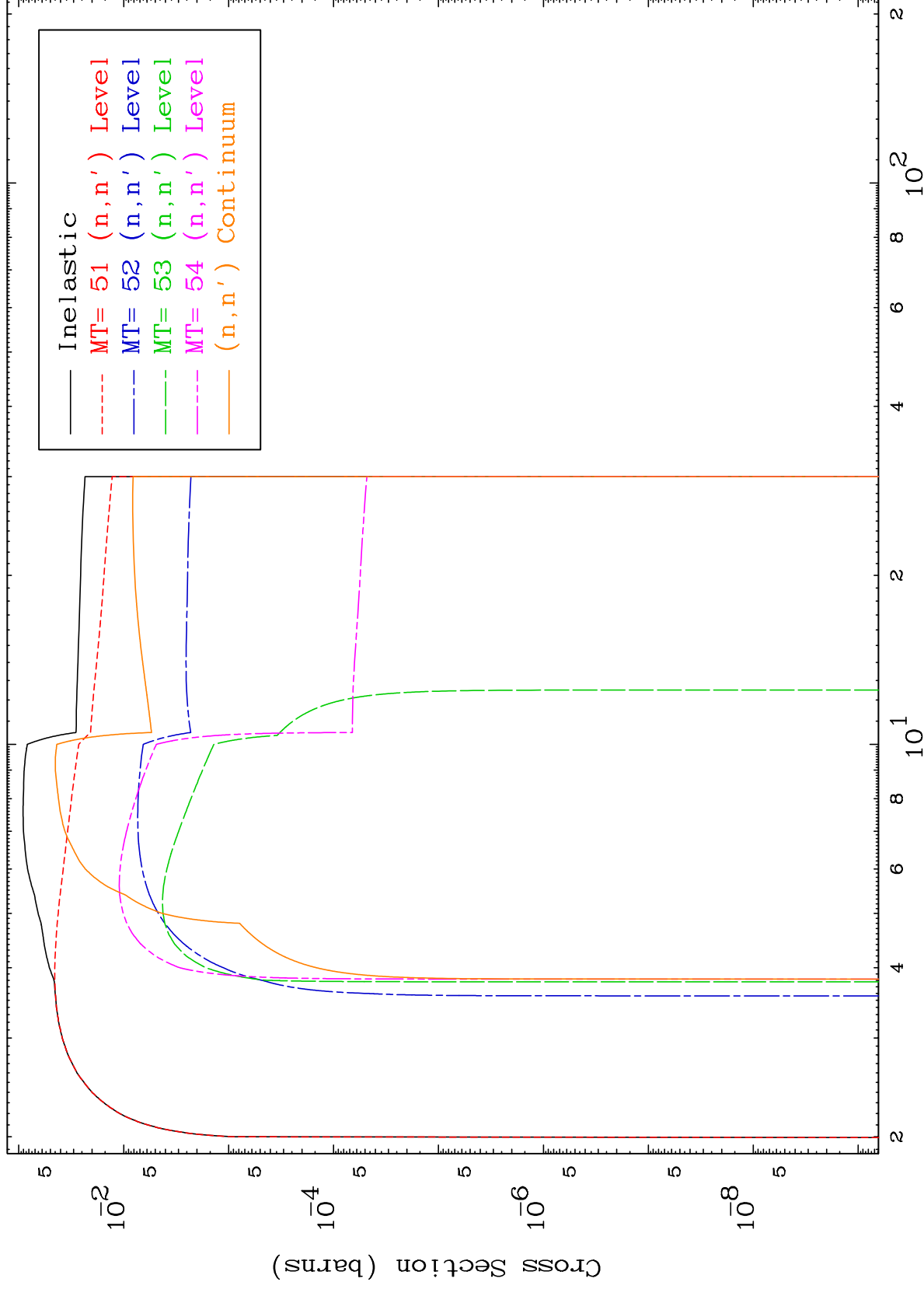


MAT 1019

(n,n') Levels

10-Ne-18

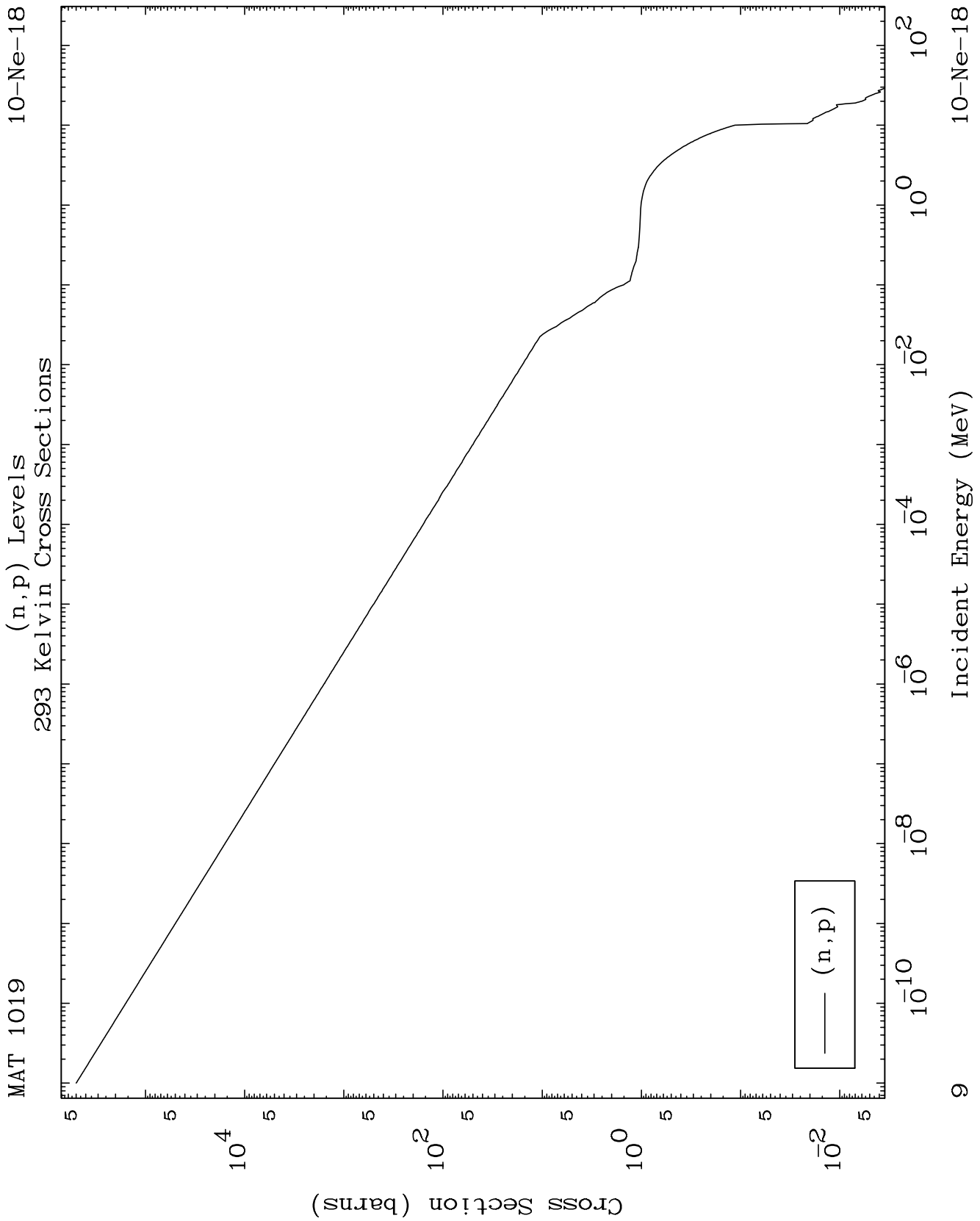
293 Kelvin Cross Sections



8

Incident Energy (MeV)

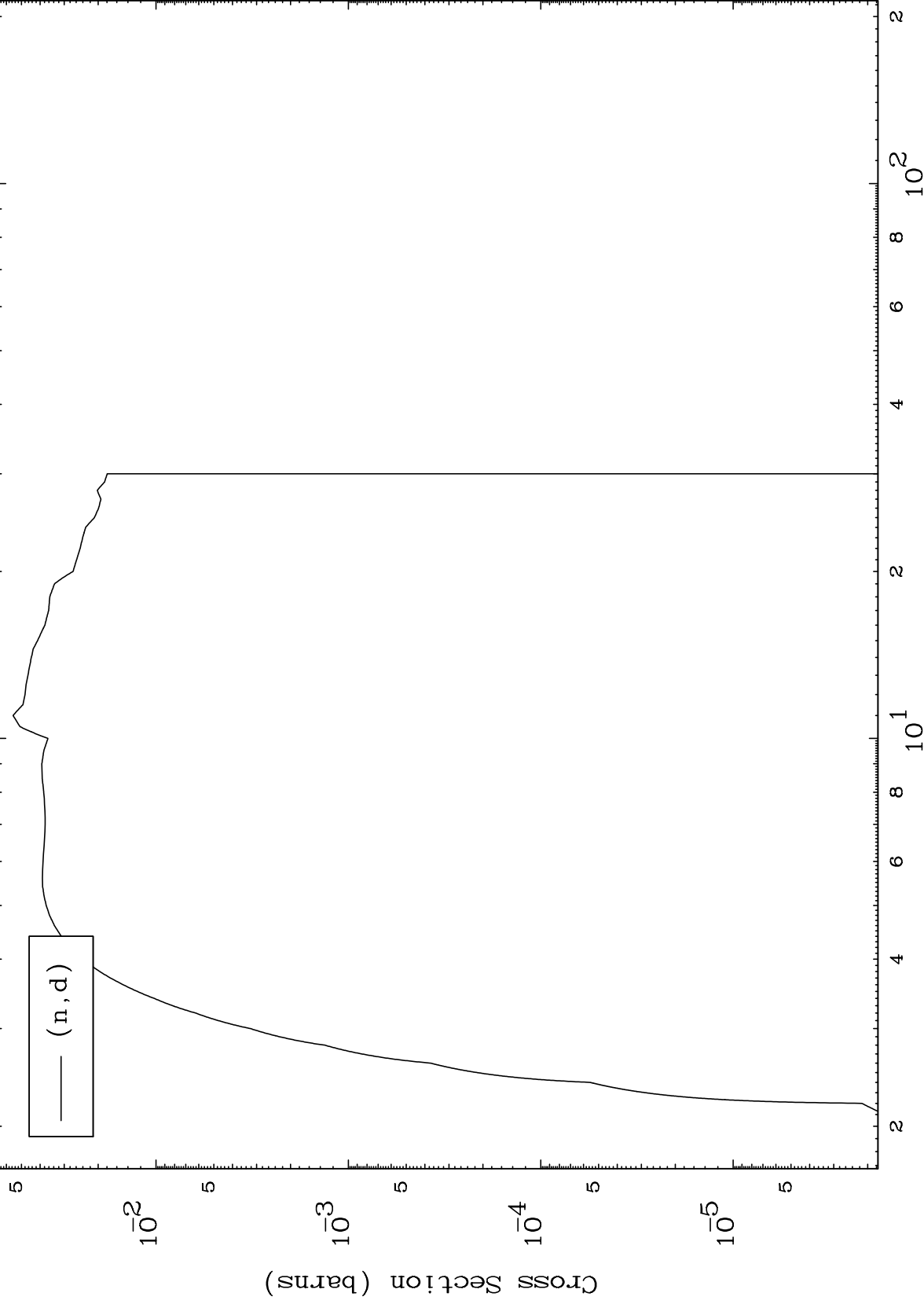
10-Ne-18



MAT 1019

(n,d) Levels
293 Kelvin Cross Sections

10-Ne-18



10

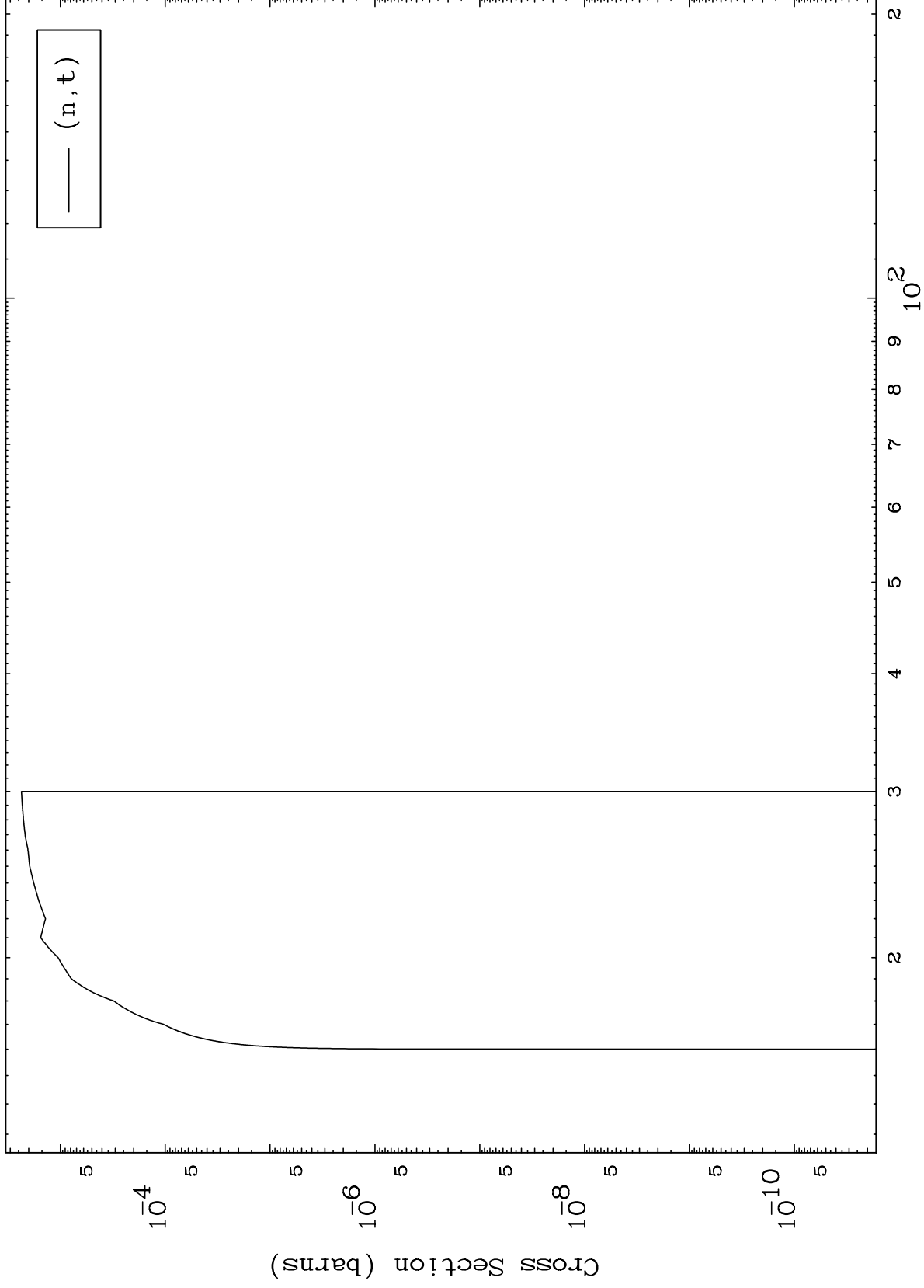
Incident Energy (MeV)

10-Ne-18

MAT 1019

(n,t) Levels
293 Kelvin Cross Sections

10-Ne-18



11

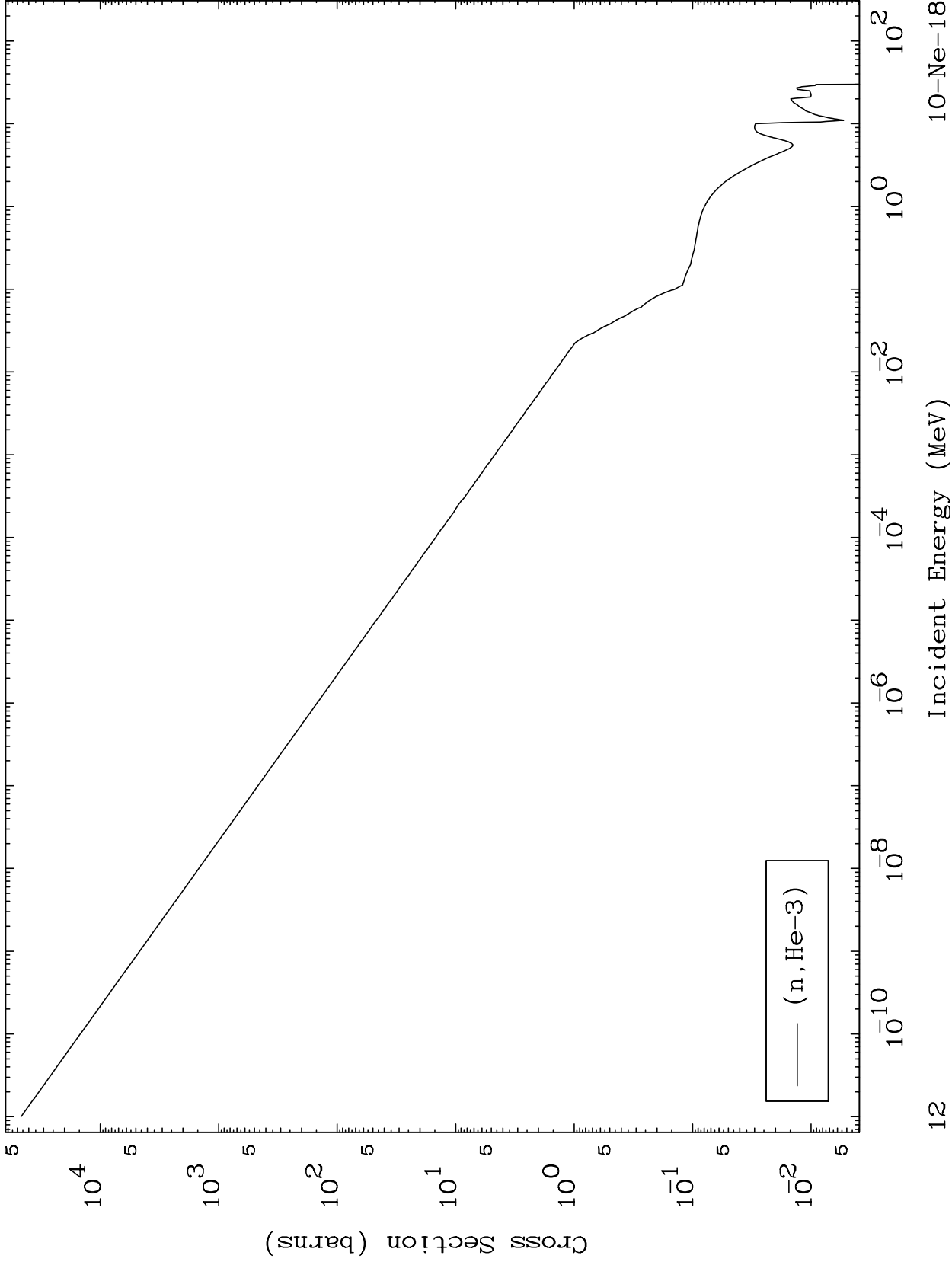
Incident Energy (MeV)

10-Ne-18

MAT 1019

(n,He3) Levels
293 Kelvin Cross Sections

10-Ne-18

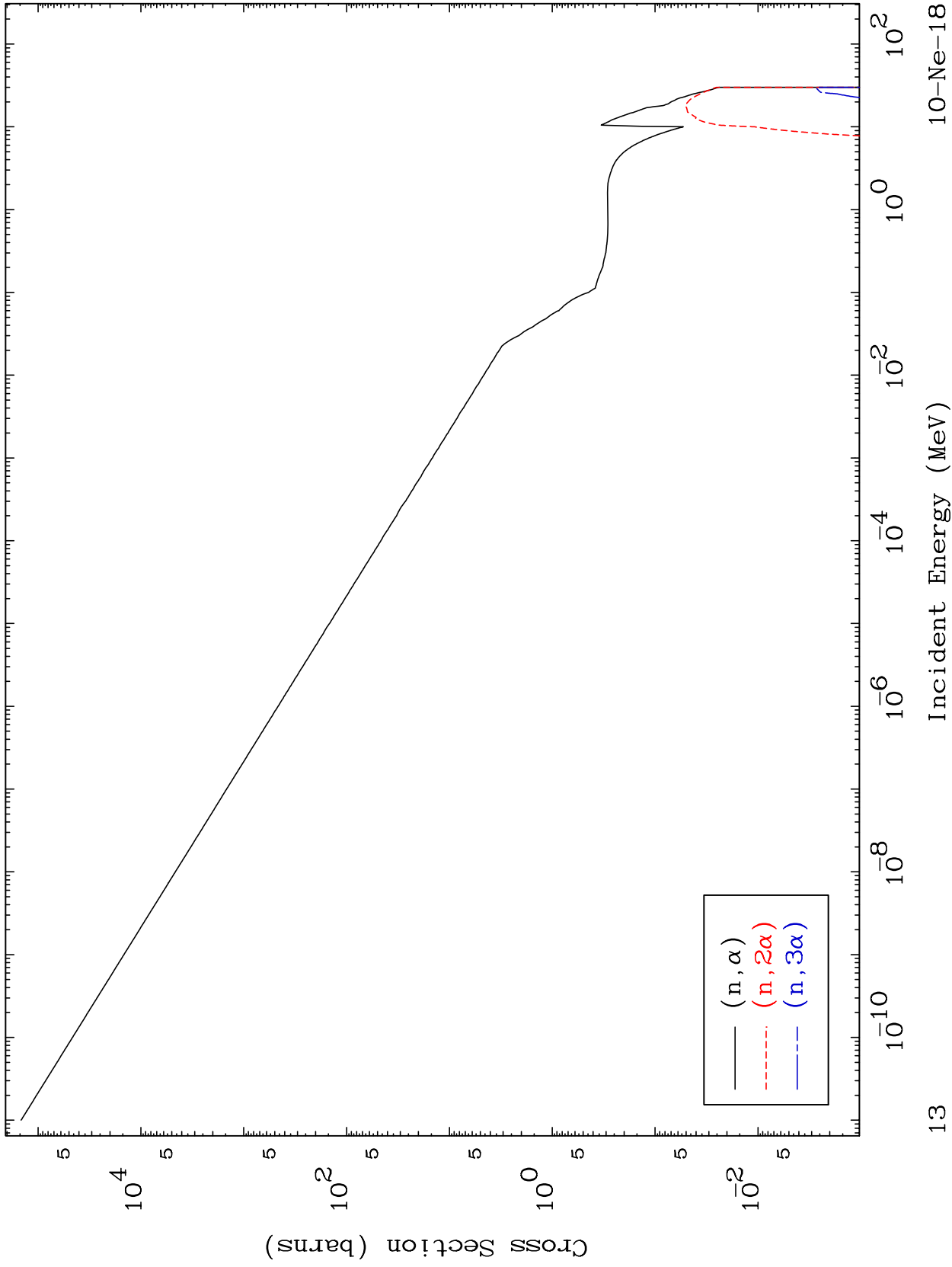


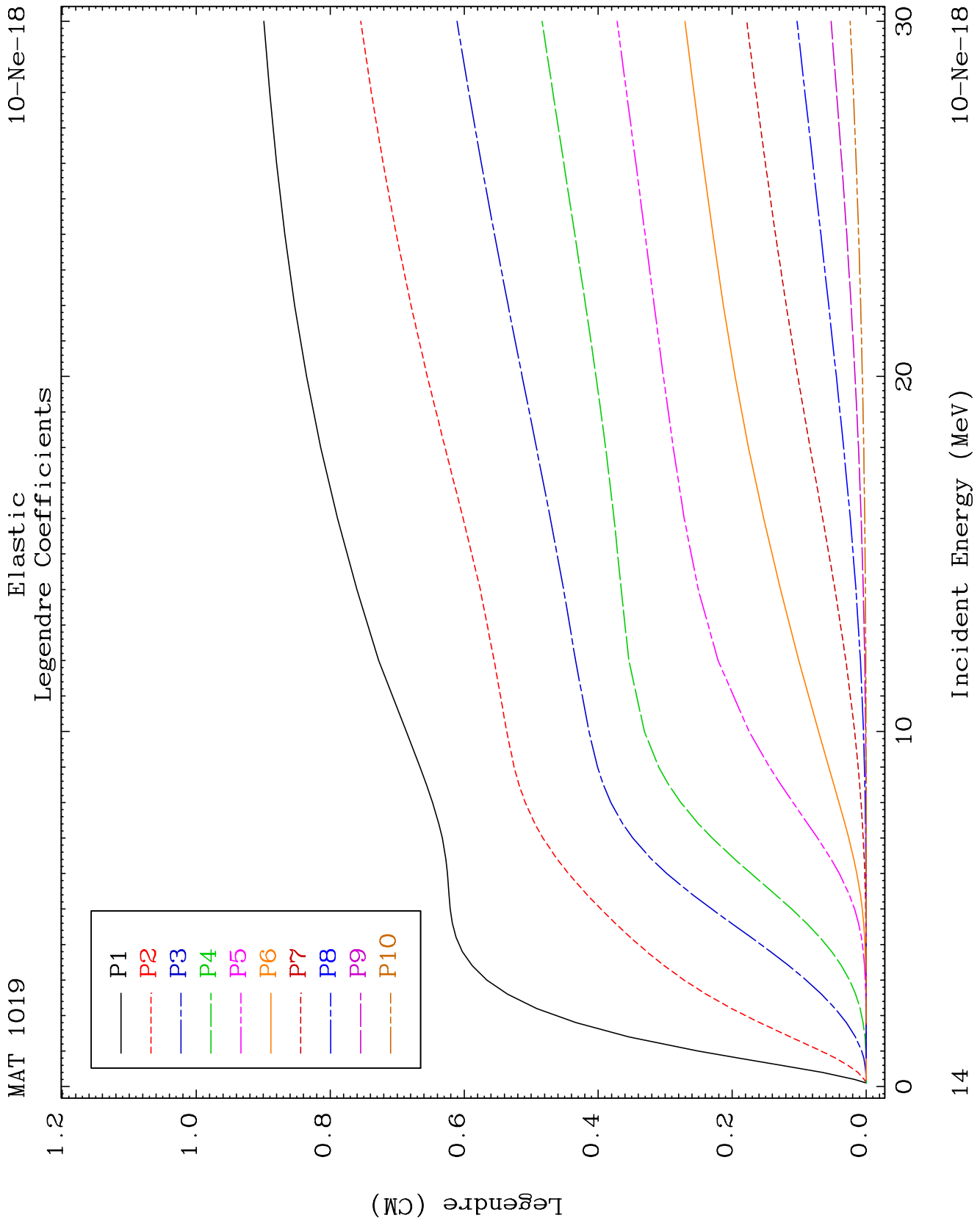
12

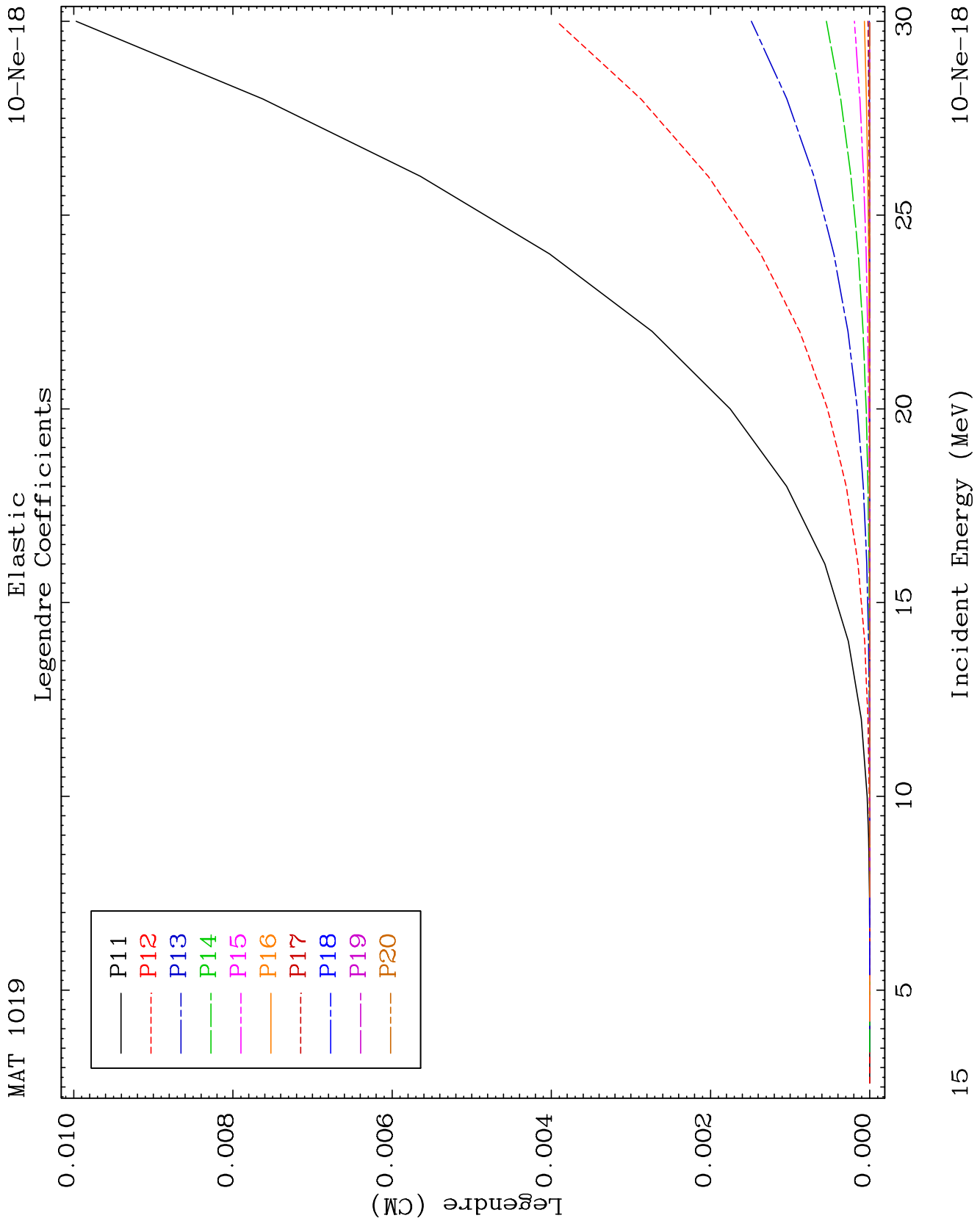
MAT 1019

(n,α) Levels
293 Kelvin Cross Sections

10-Ne-18



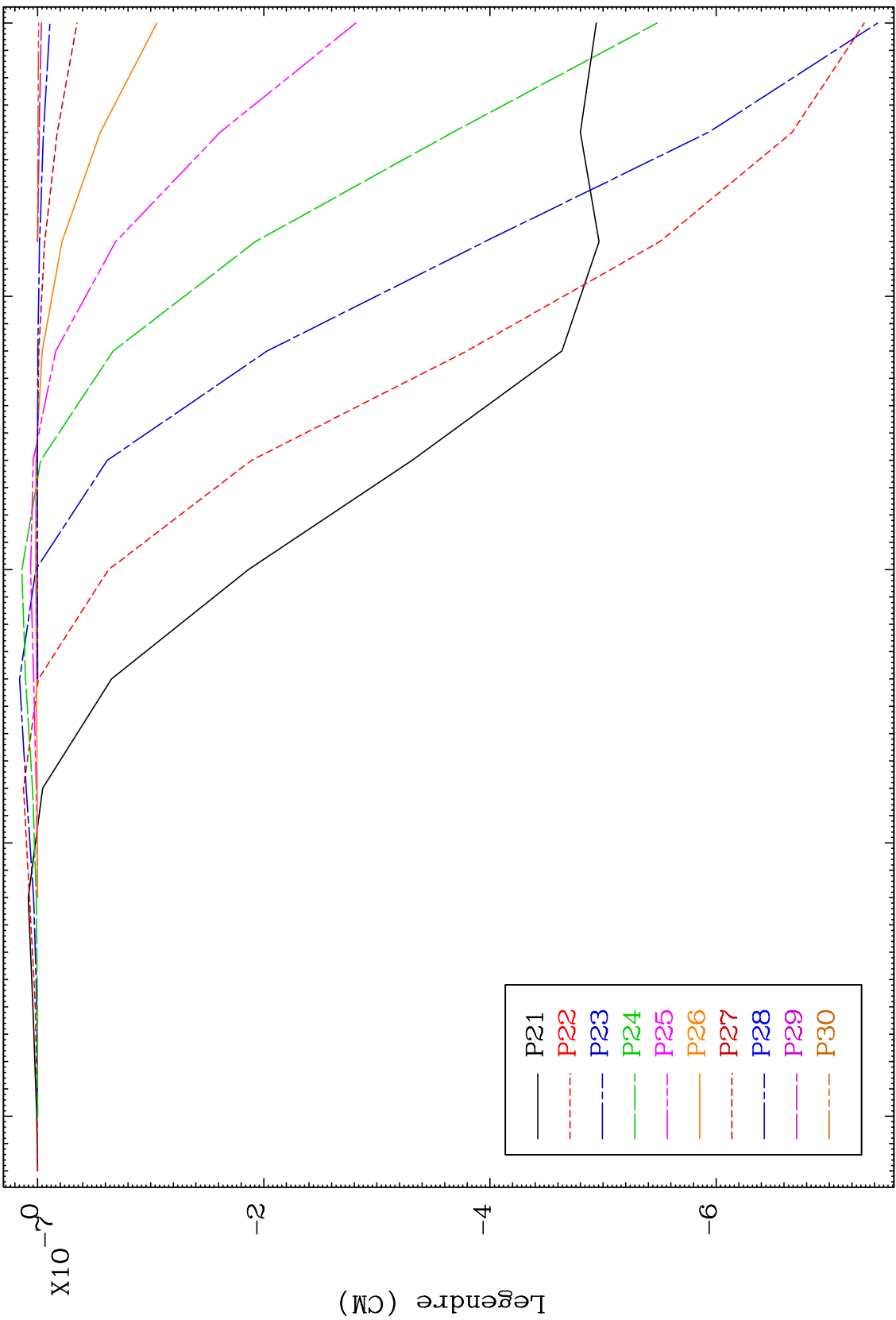




MAT 1019

Elastic Legendre Coefficients

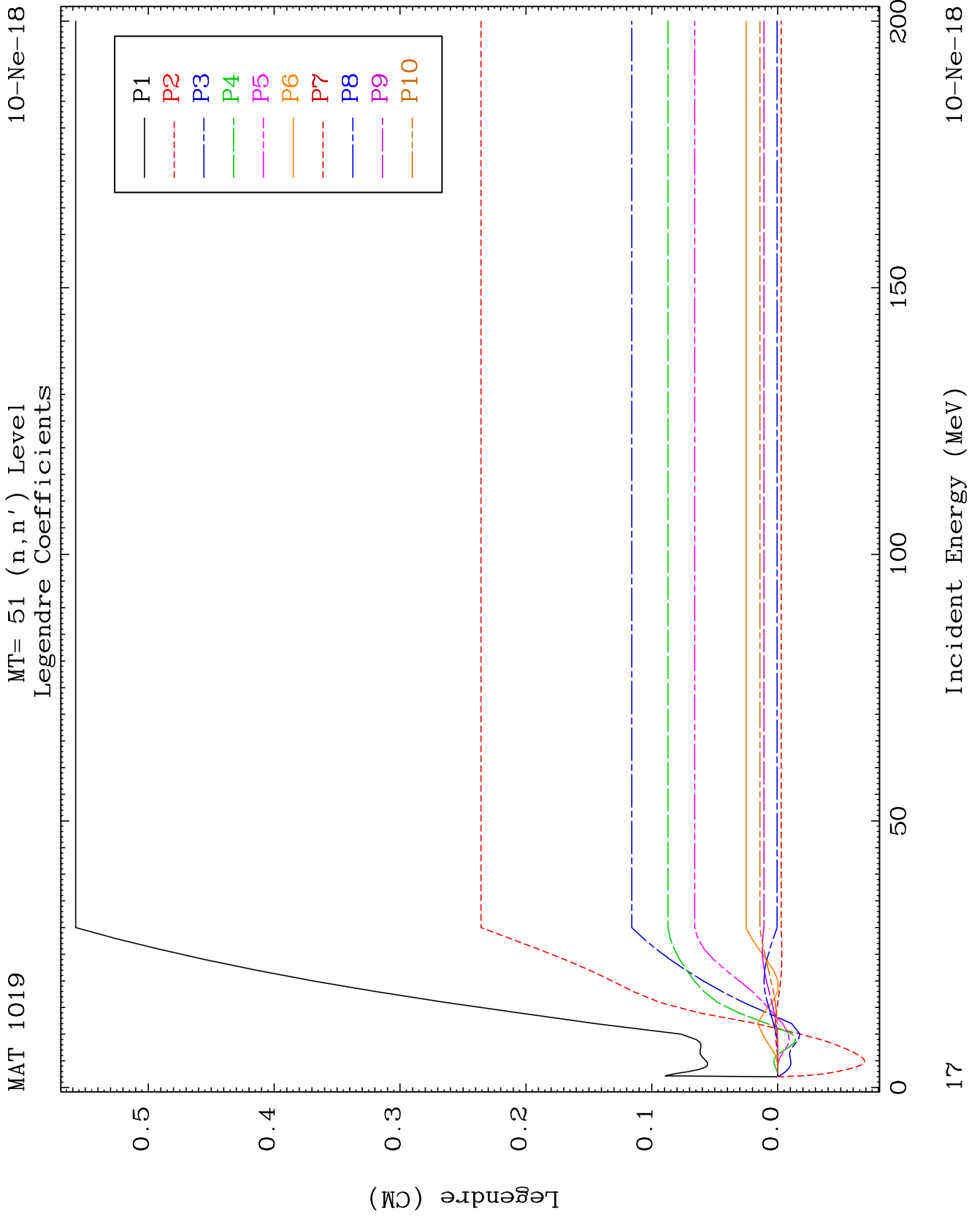
10-Ne-18

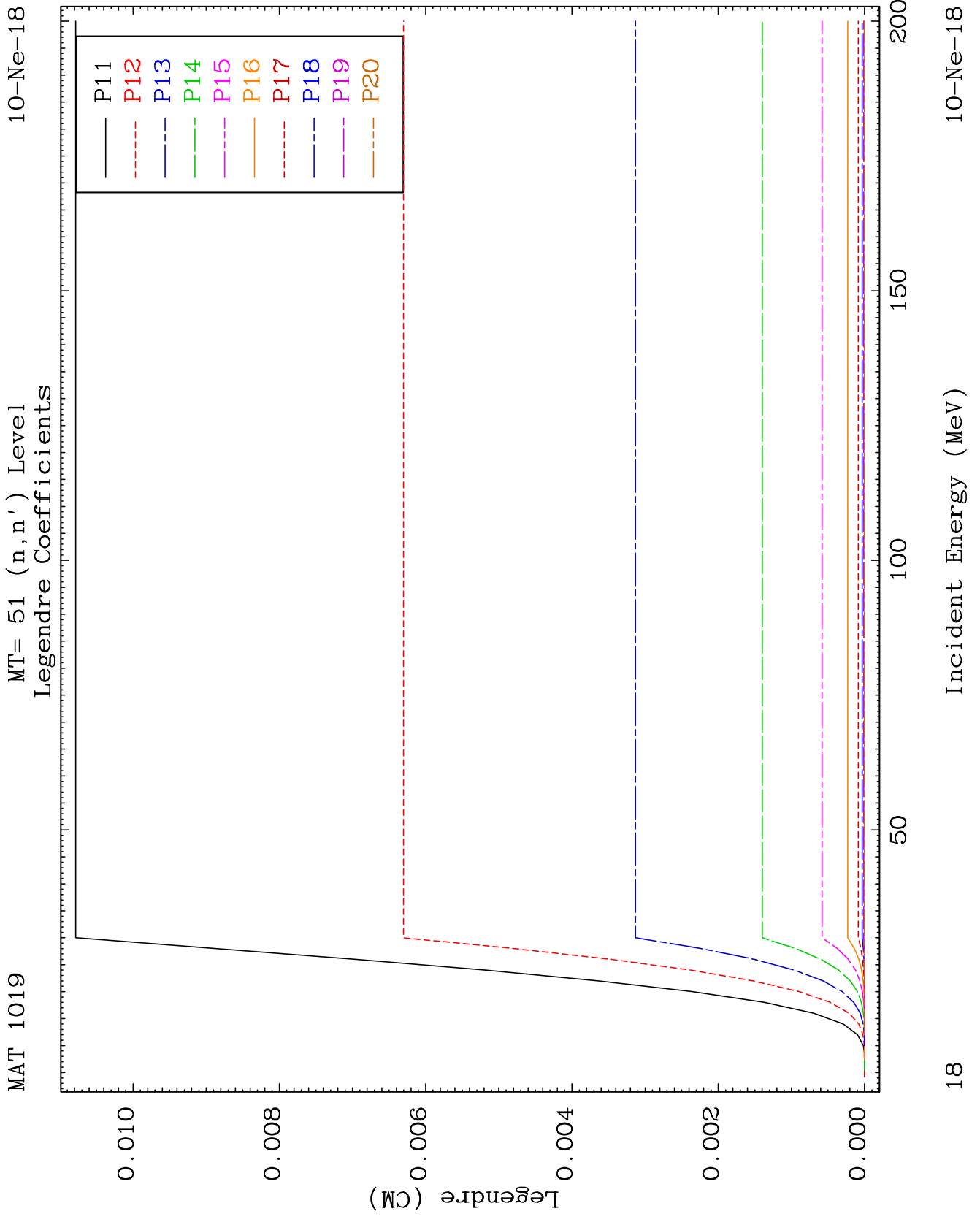


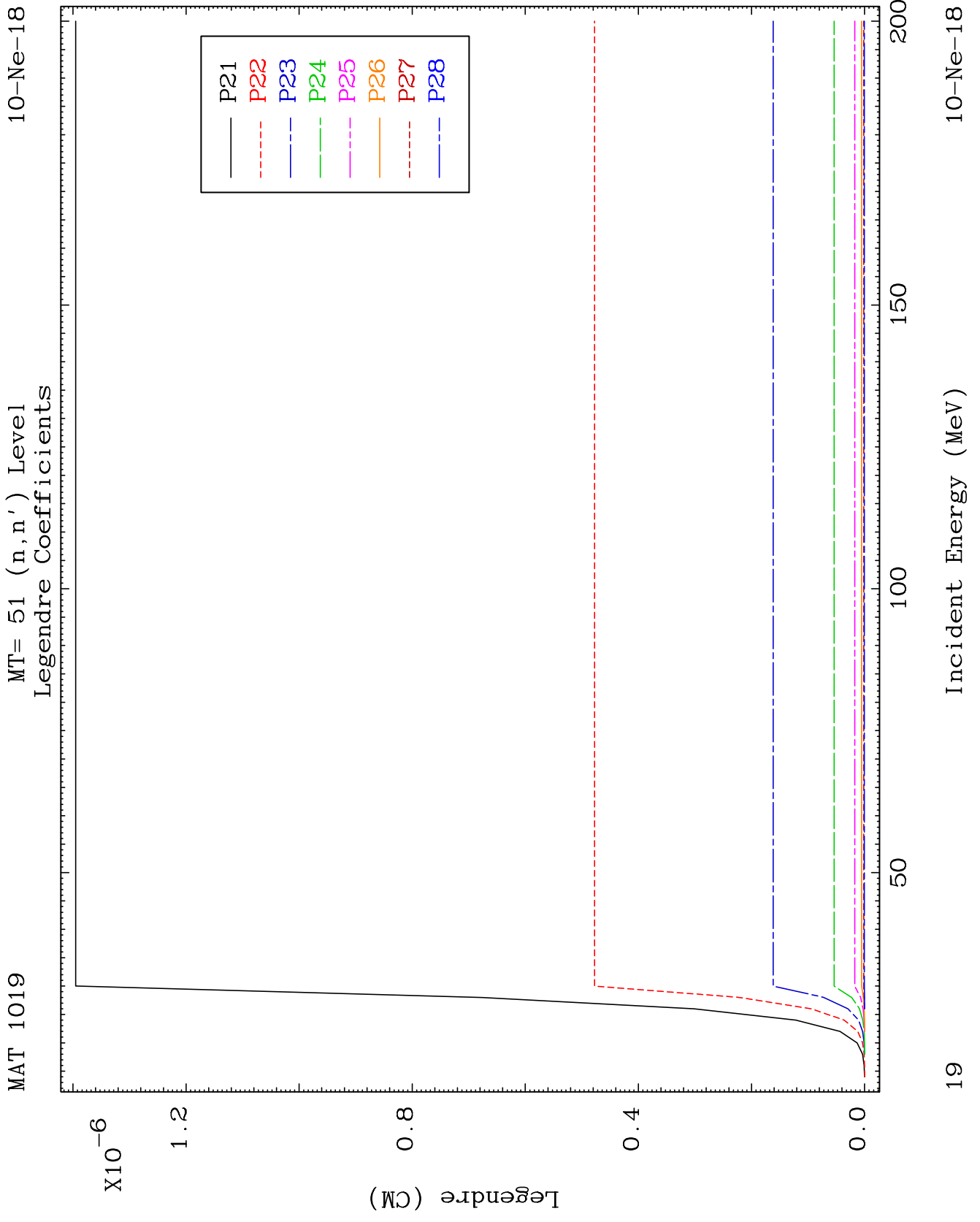
16

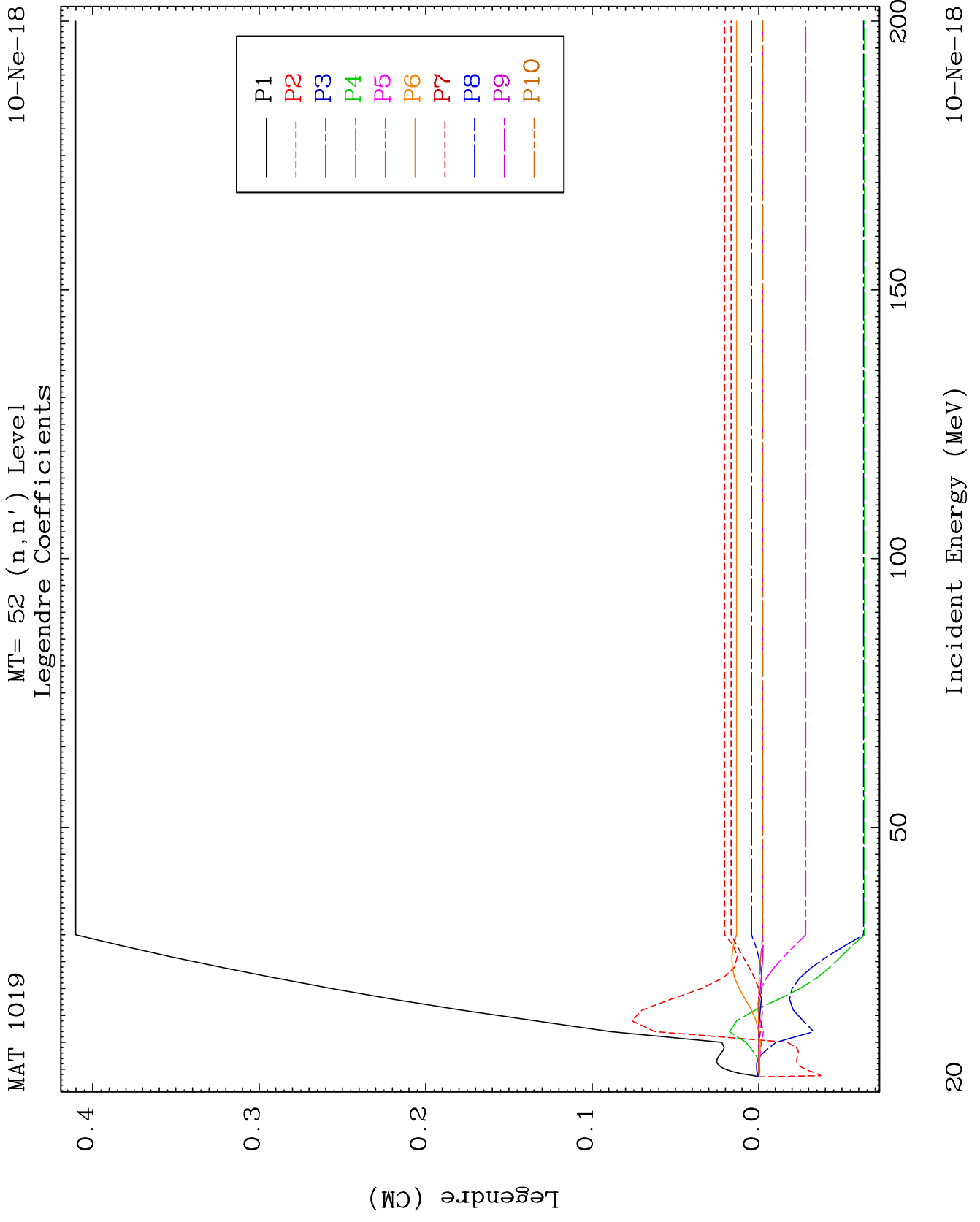
Incident Energy (MeV)

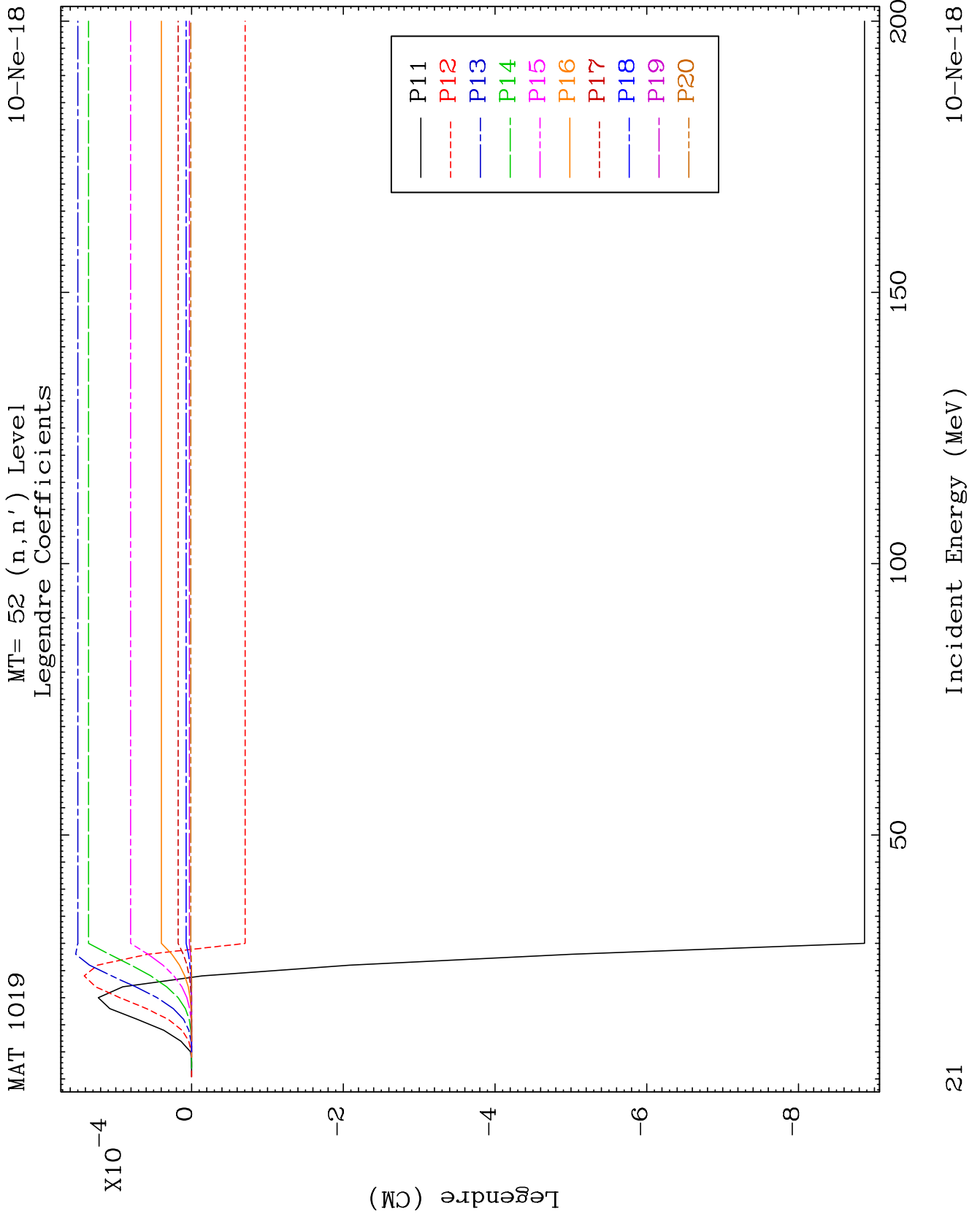
10-Ne-18

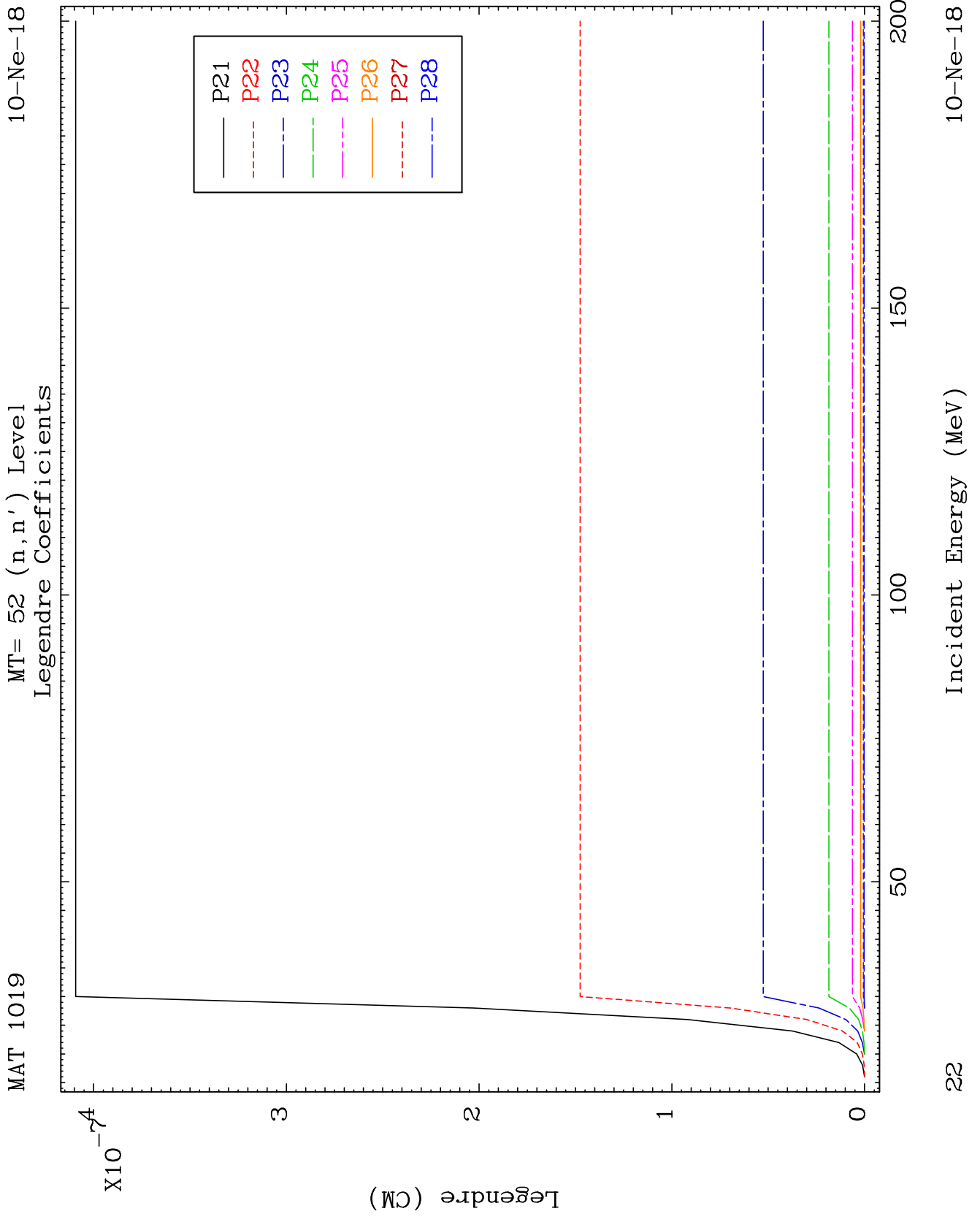


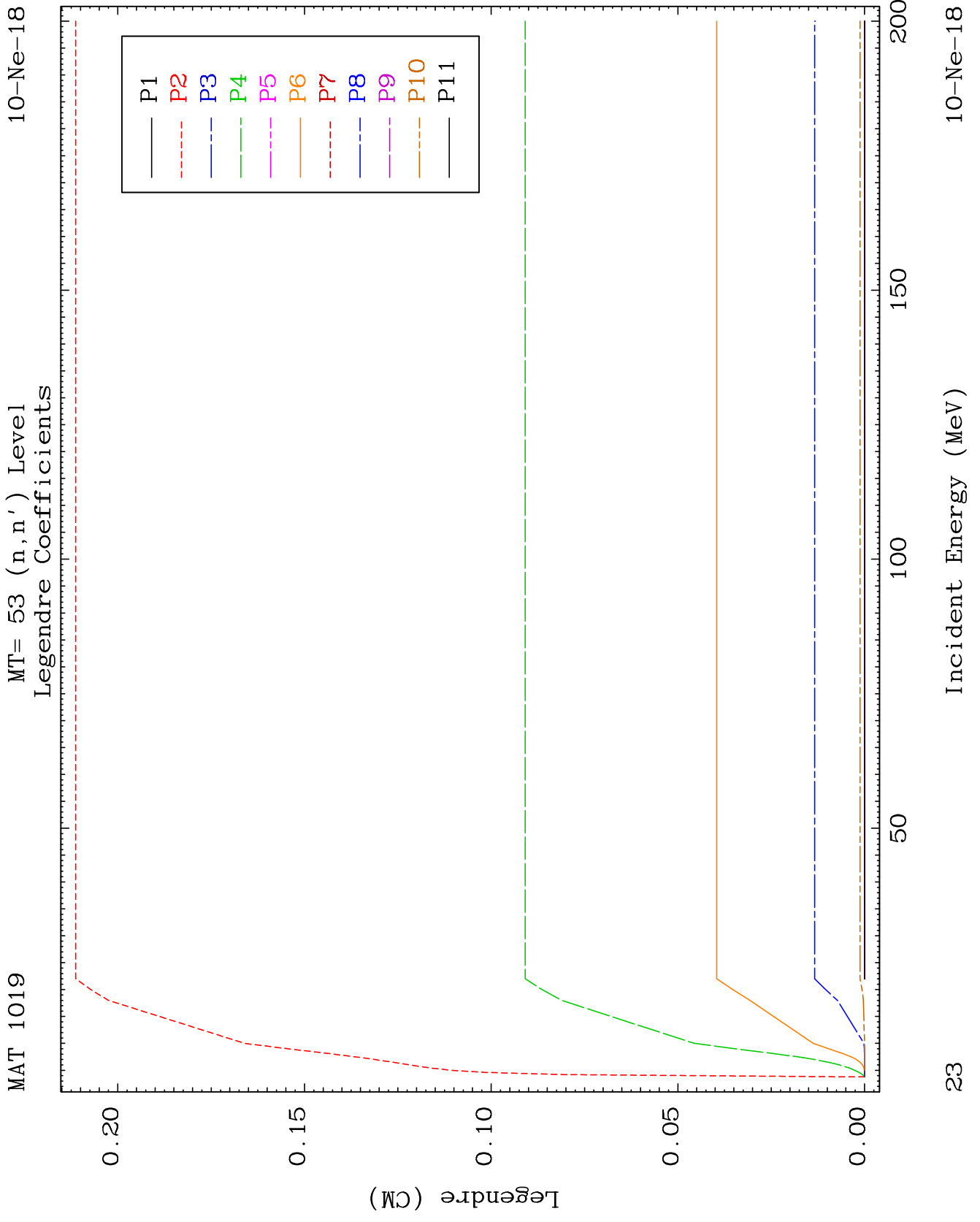


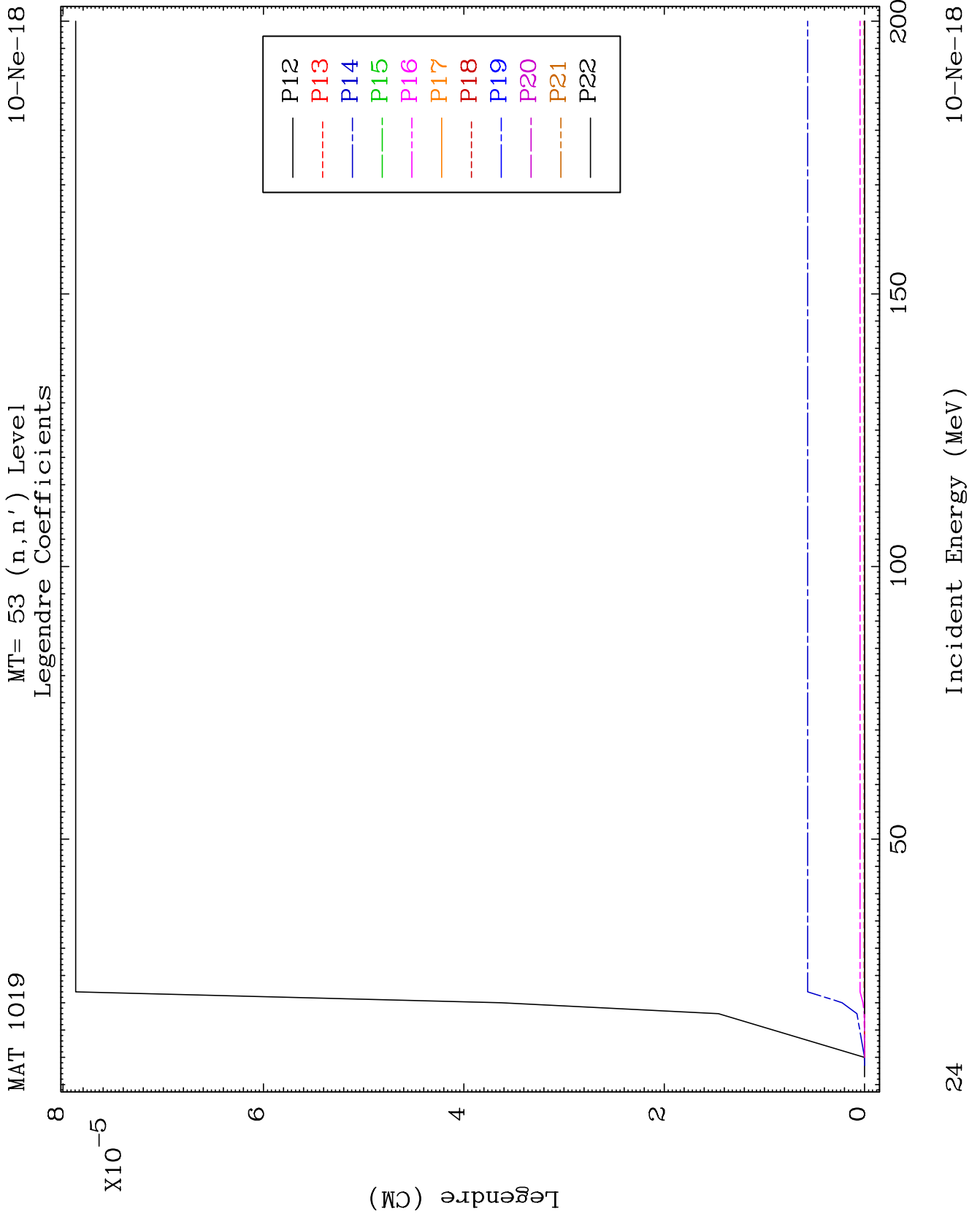


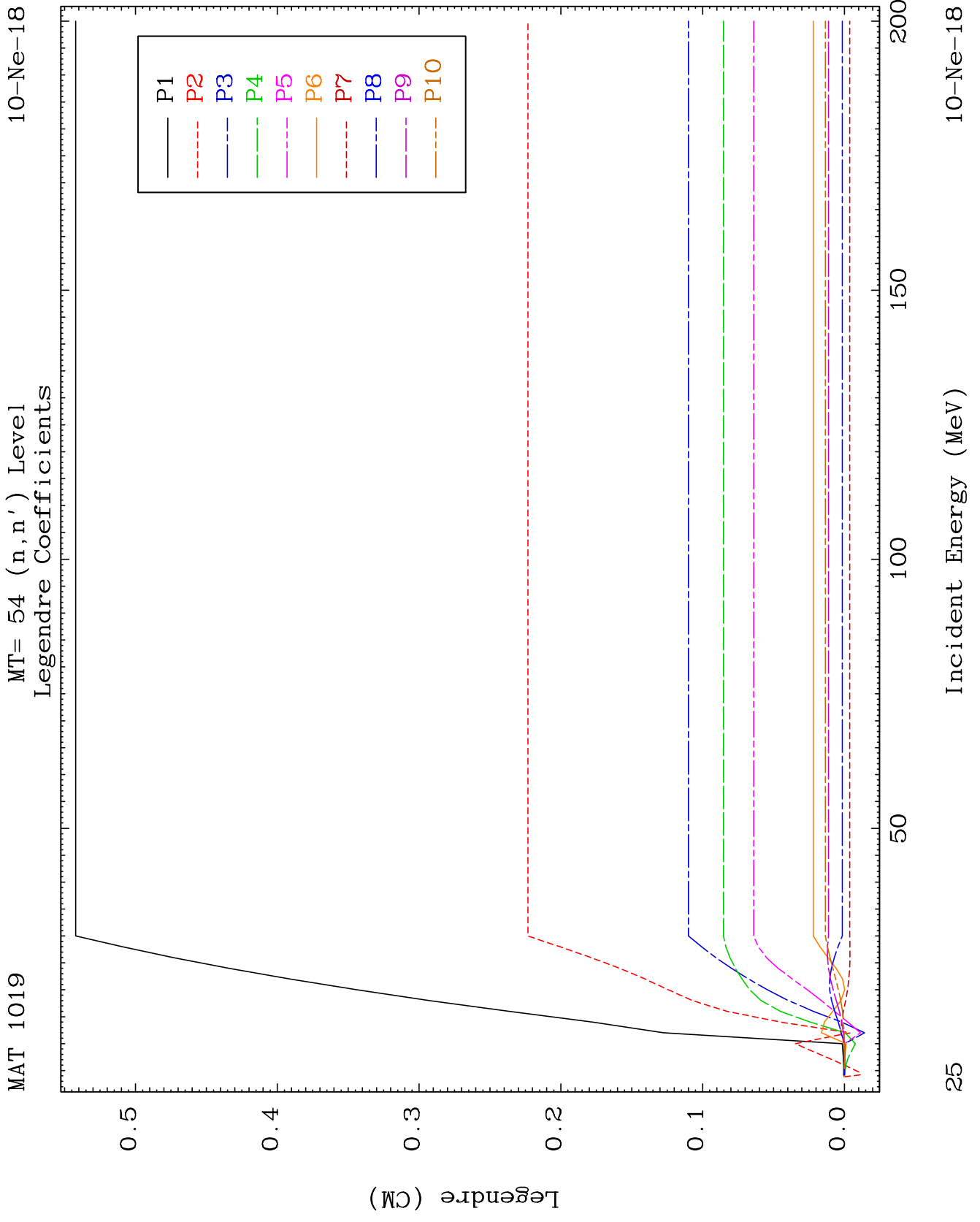


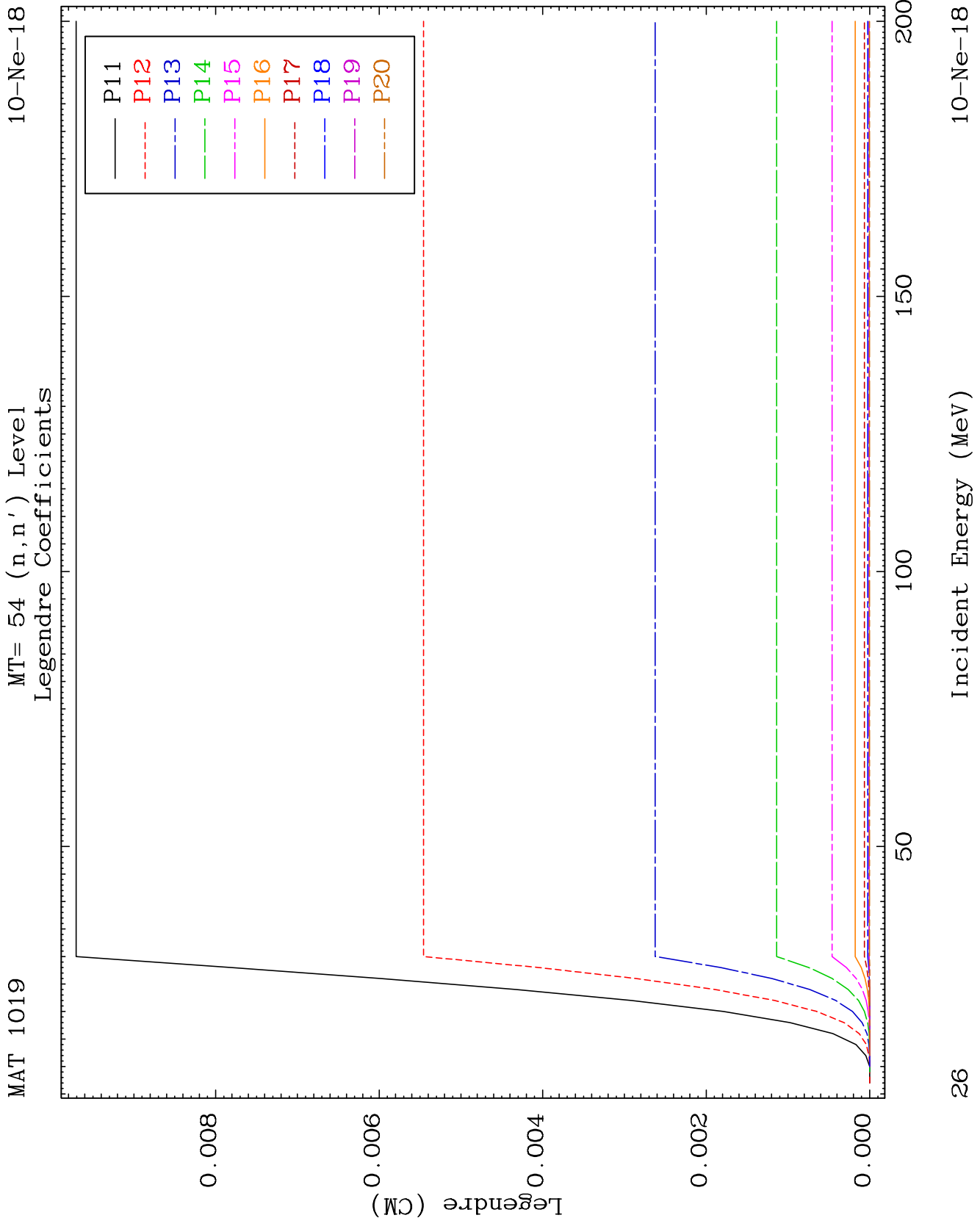


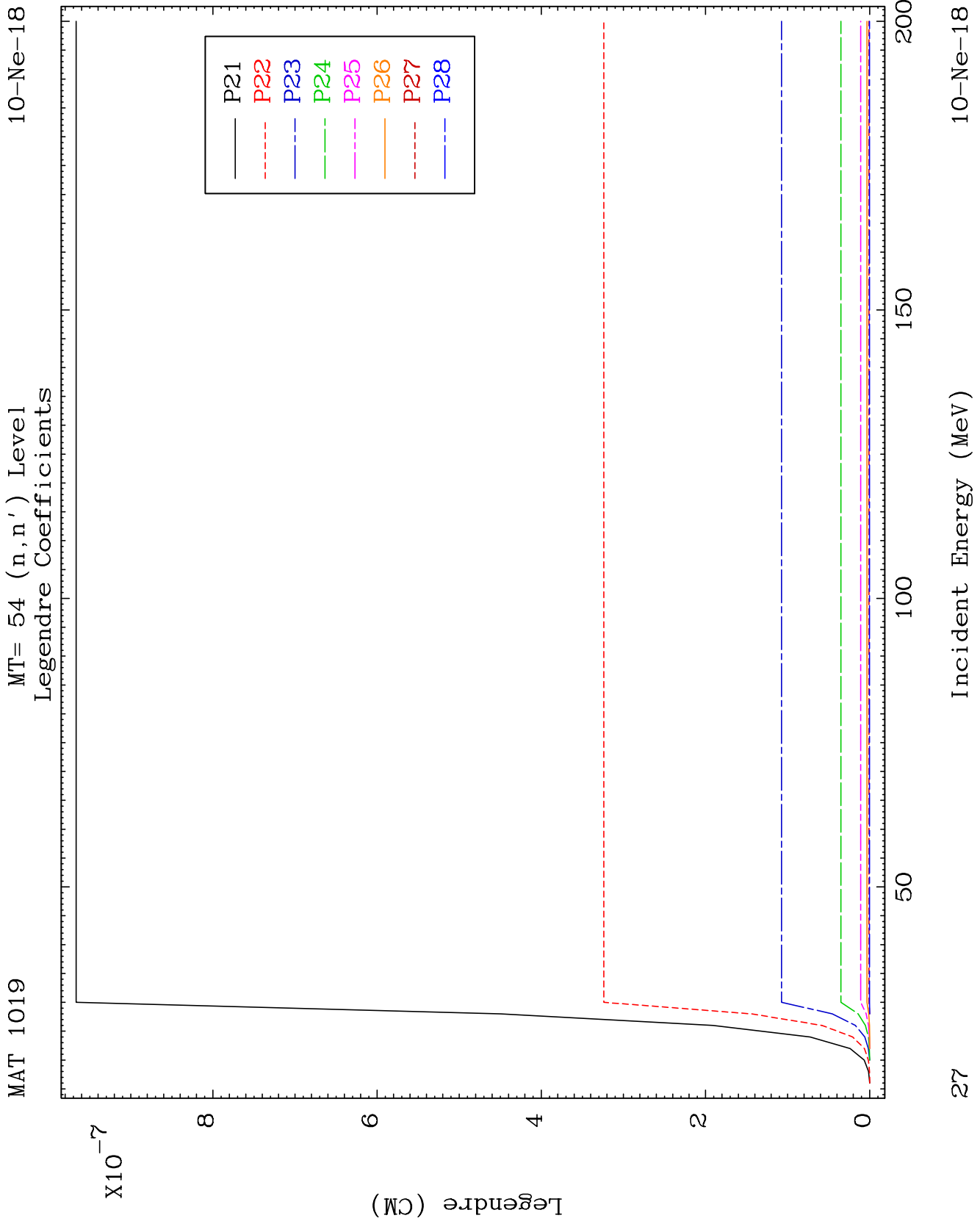










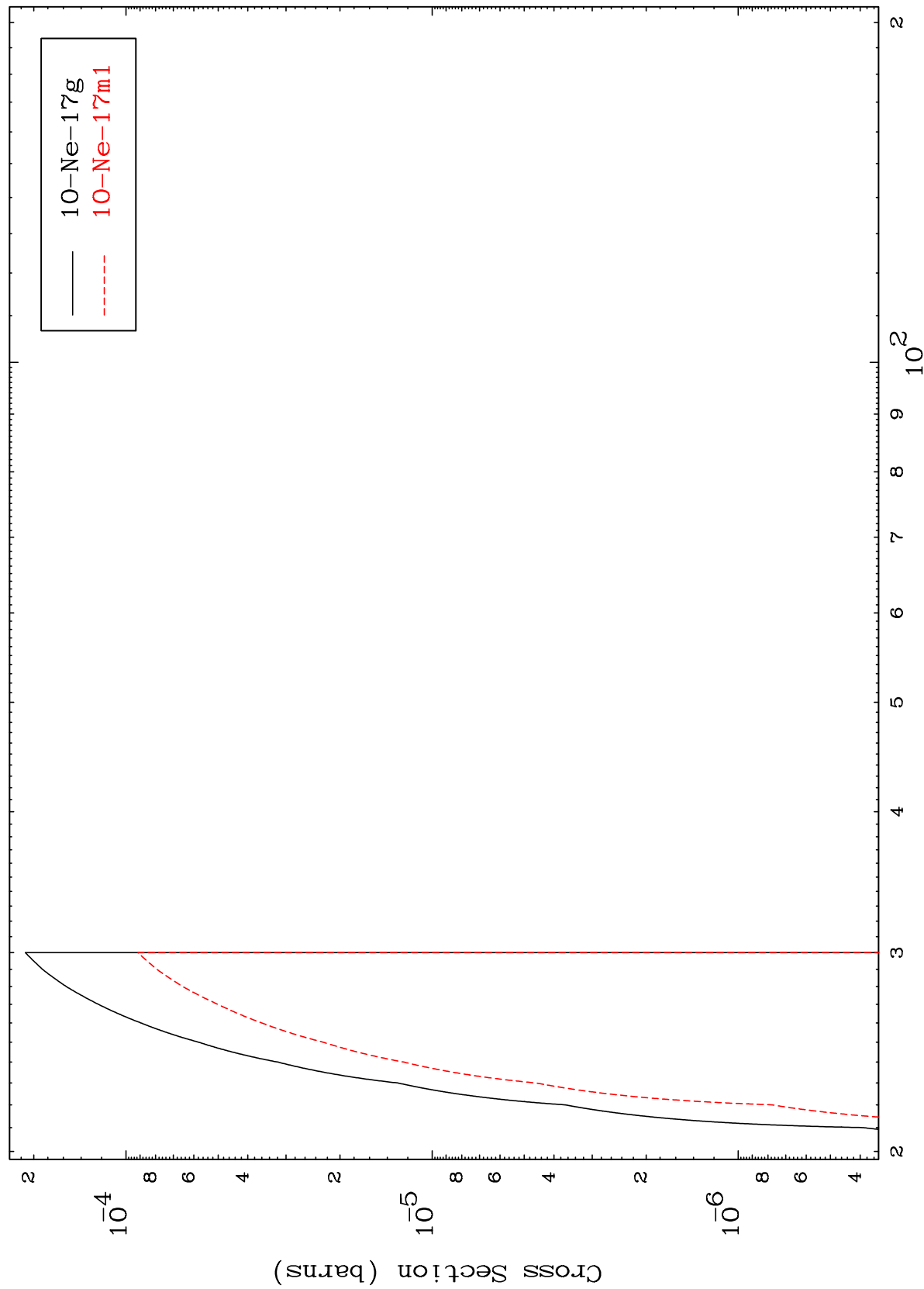


MAT 1019

10-Ne-18

(n,2n)

Radionuclide Production Cross Section



28

10-Ne-18

Incident Energy (MeV)