

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

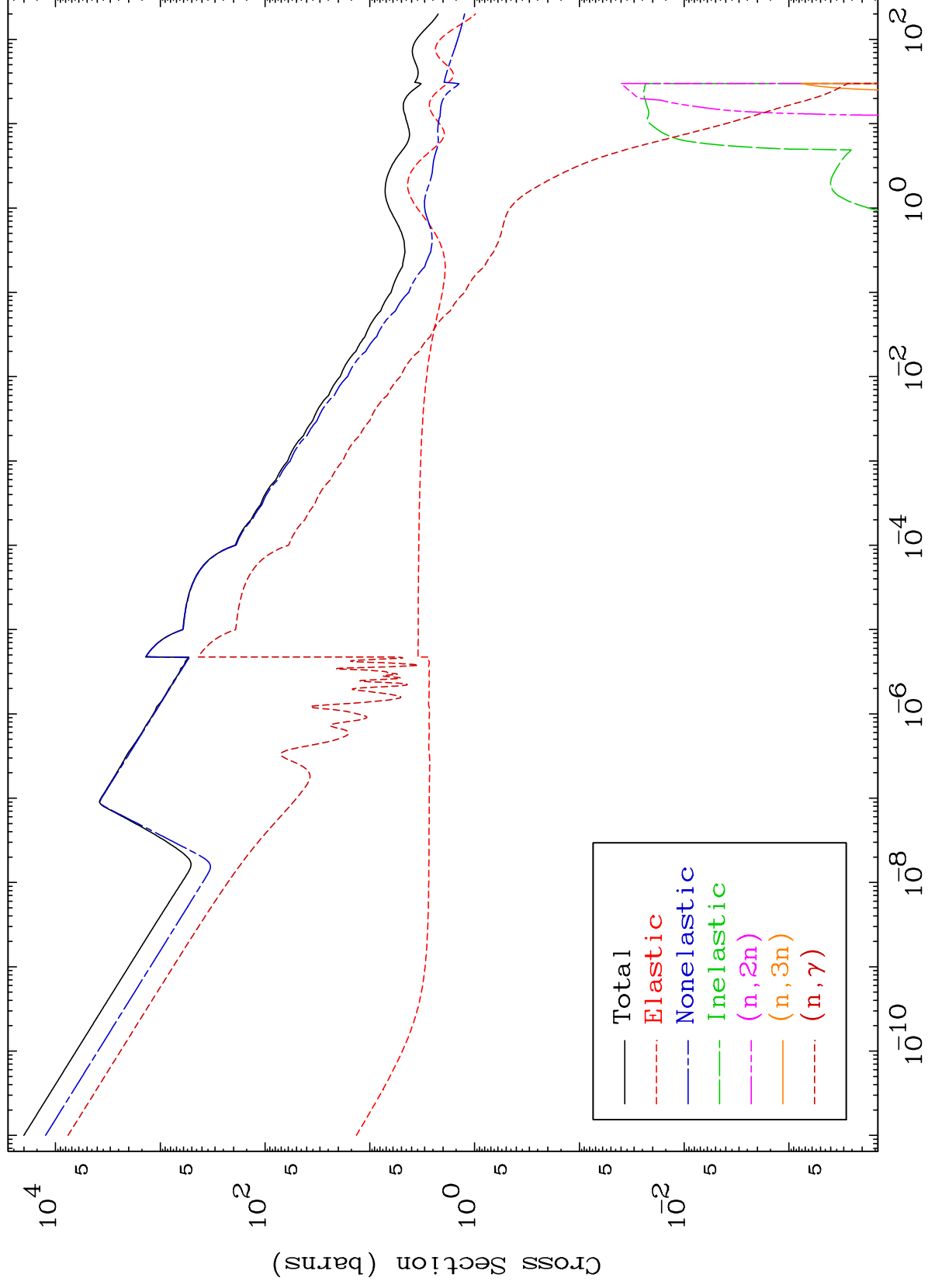
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

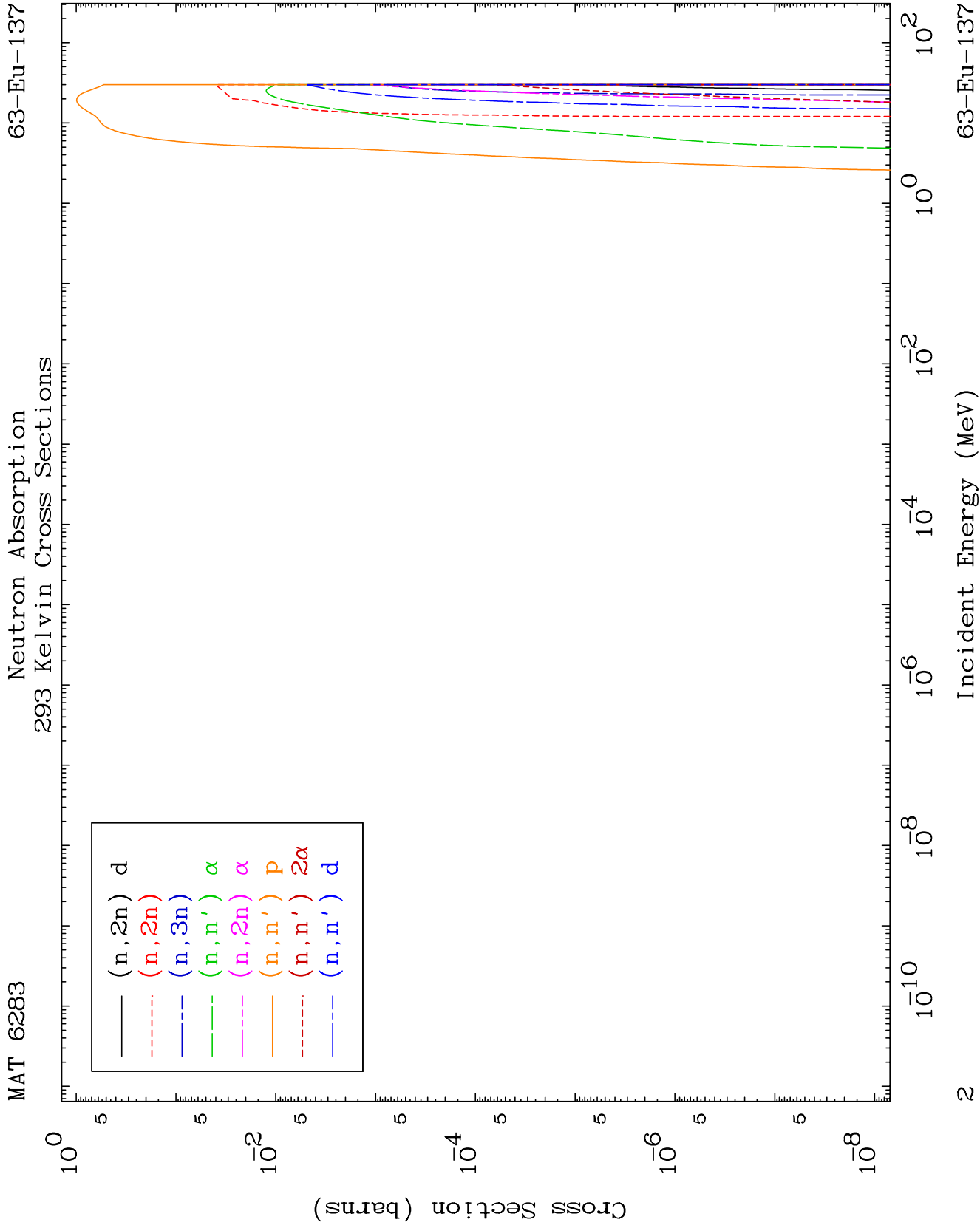
Press Mouse Button to Start

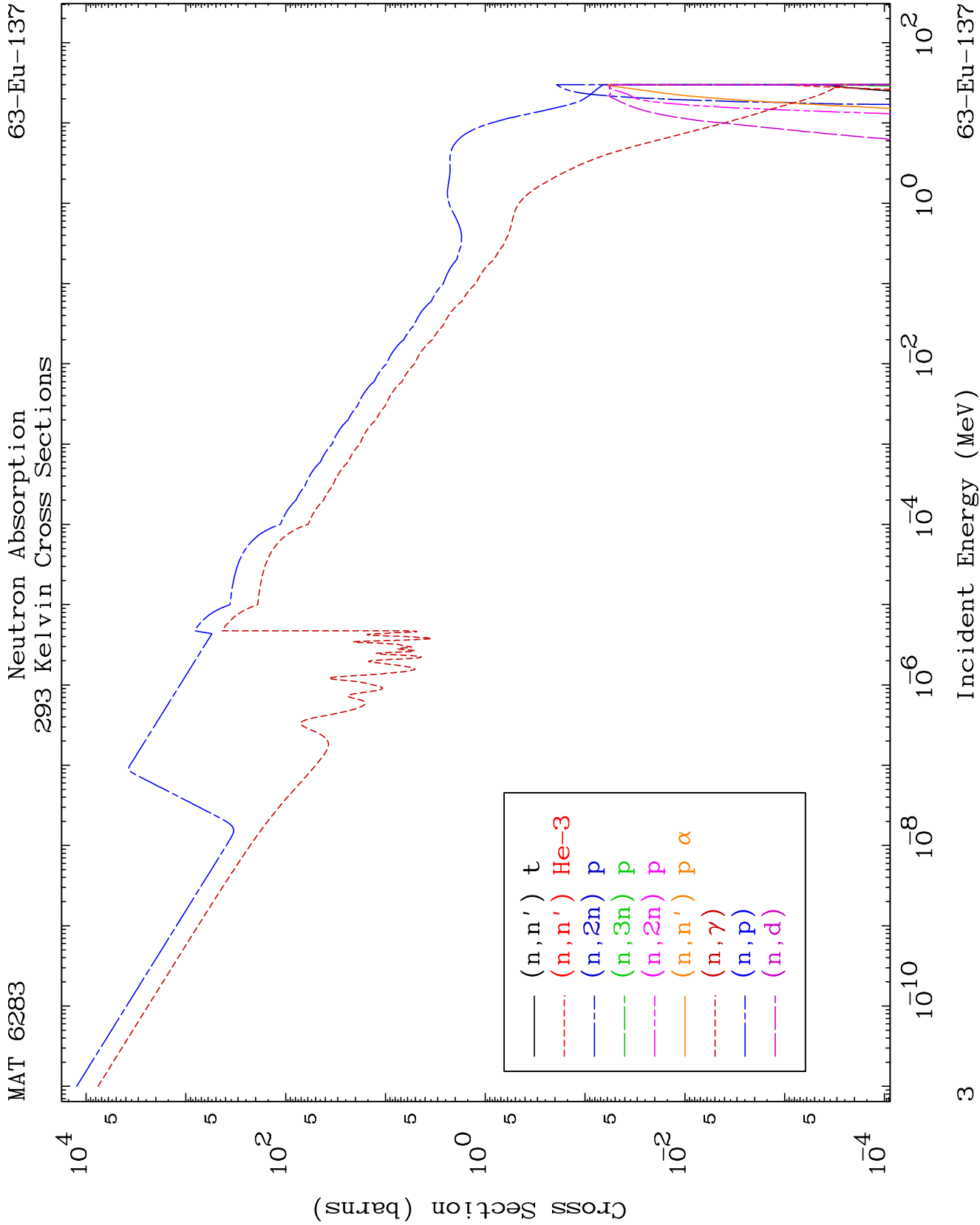
MAT 6283

Neutron Major
293 Kelvin Cross Sections

63-Eu-137



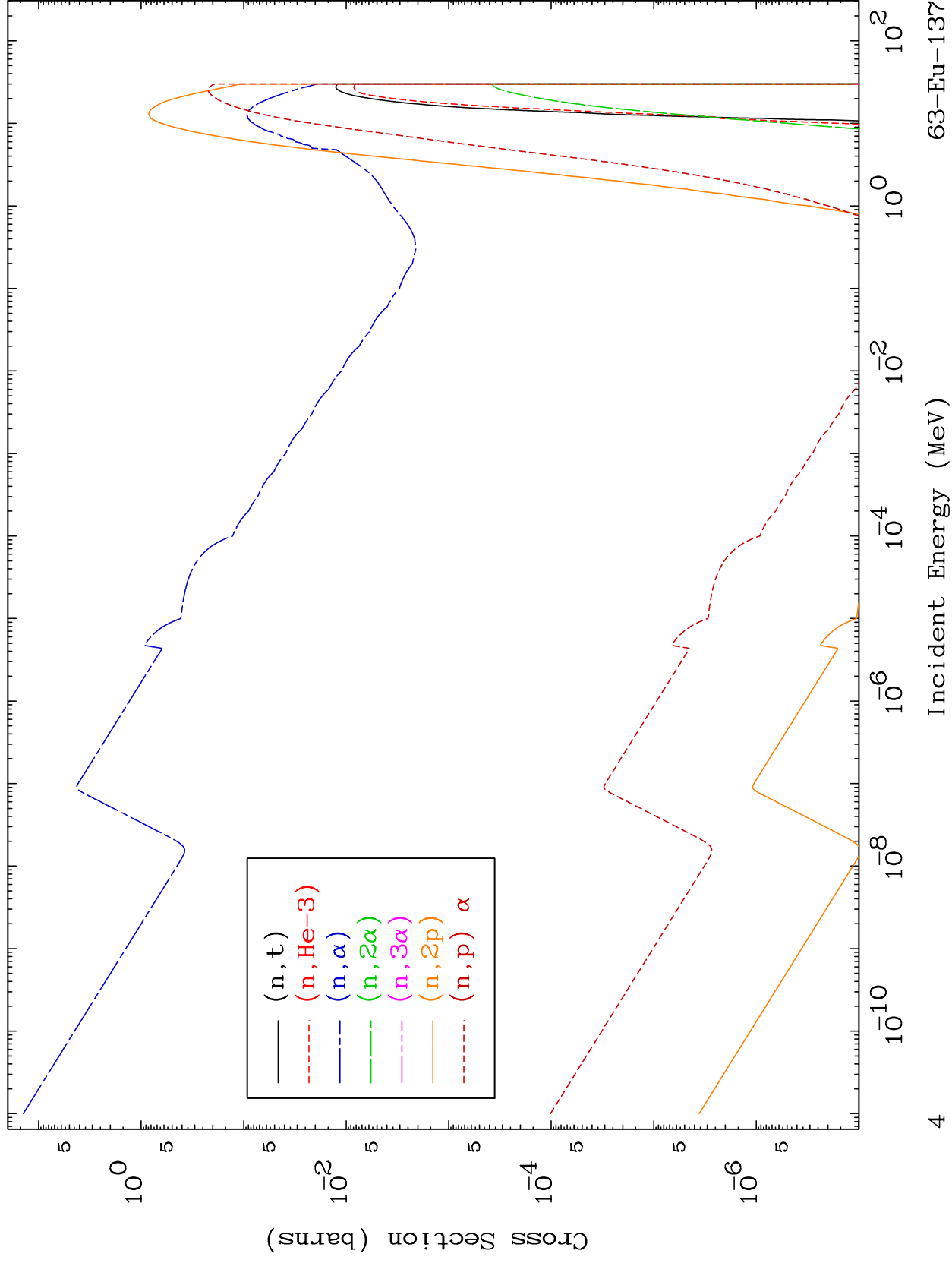




MAT 6283

Neutron Absorption
293 Kelvin Cross Sections

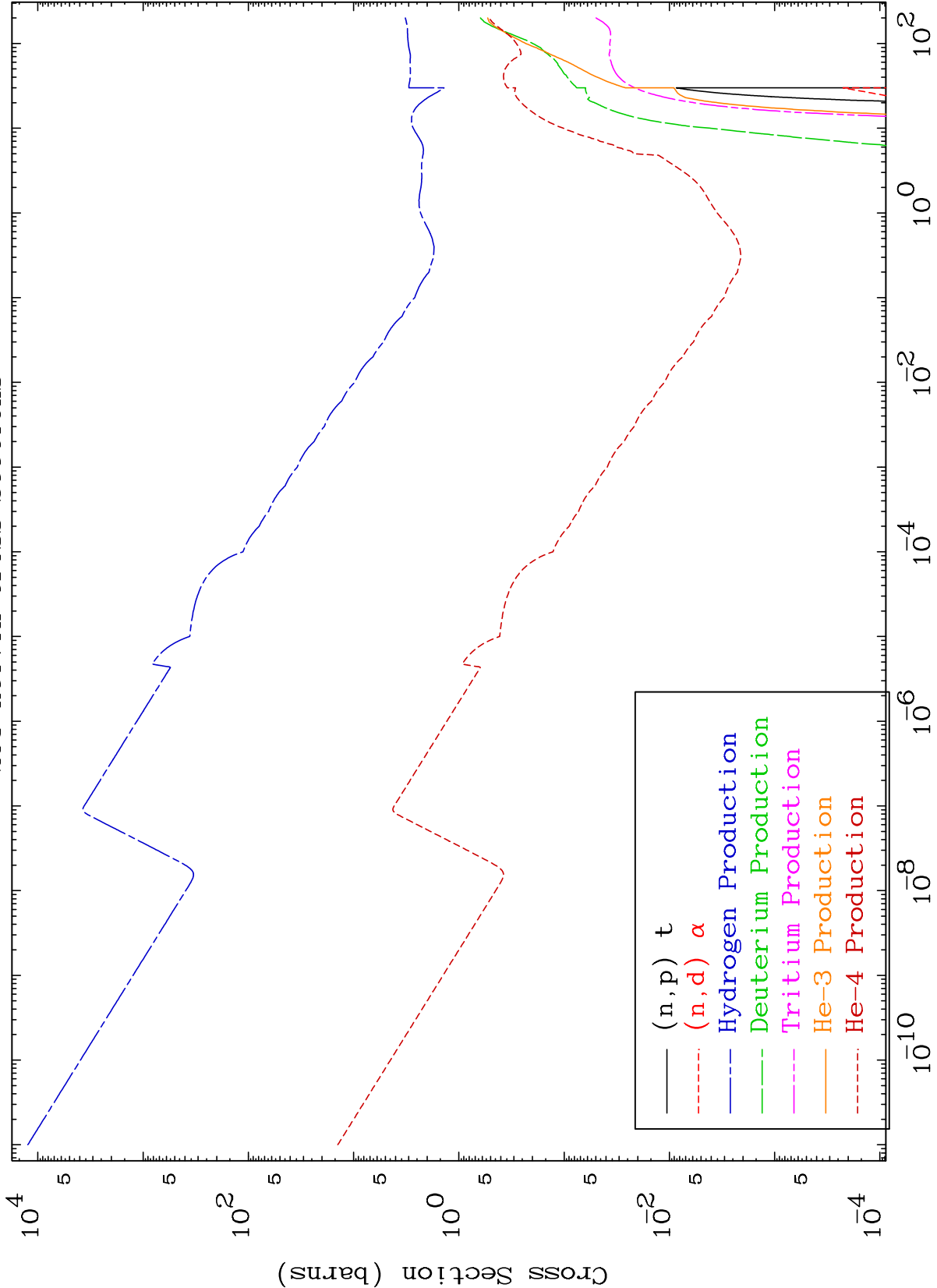
63-Eu-137

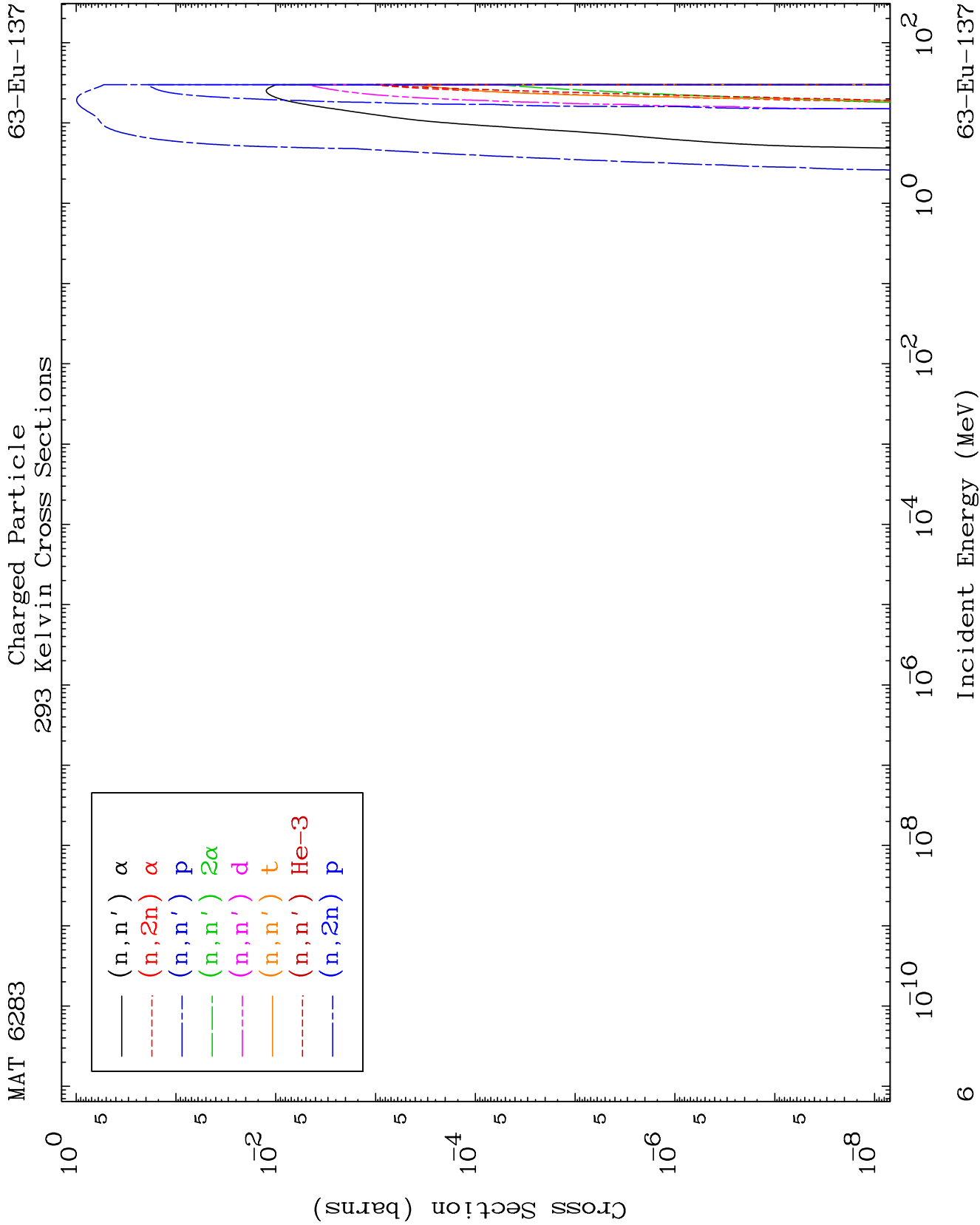


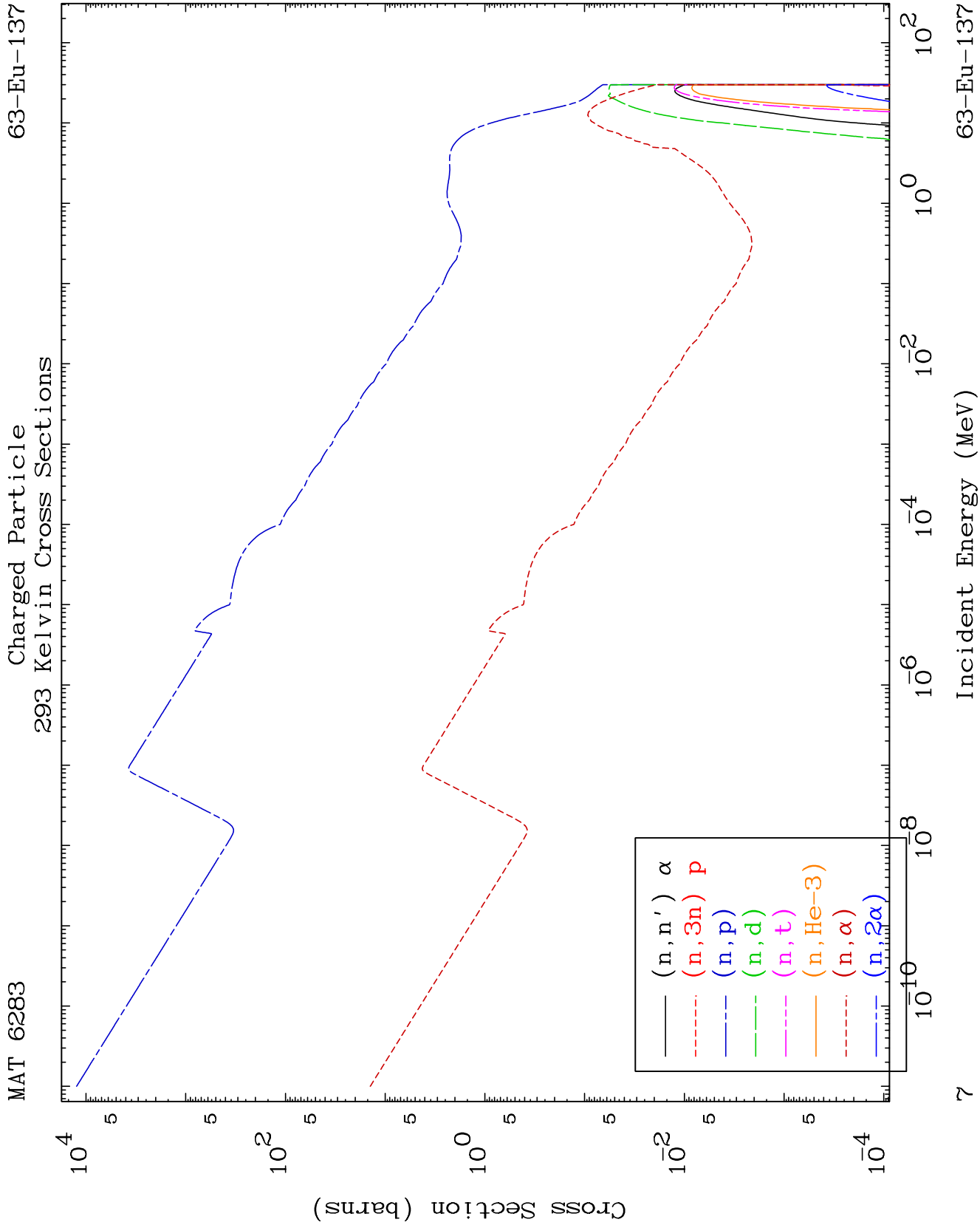
MAT 6283

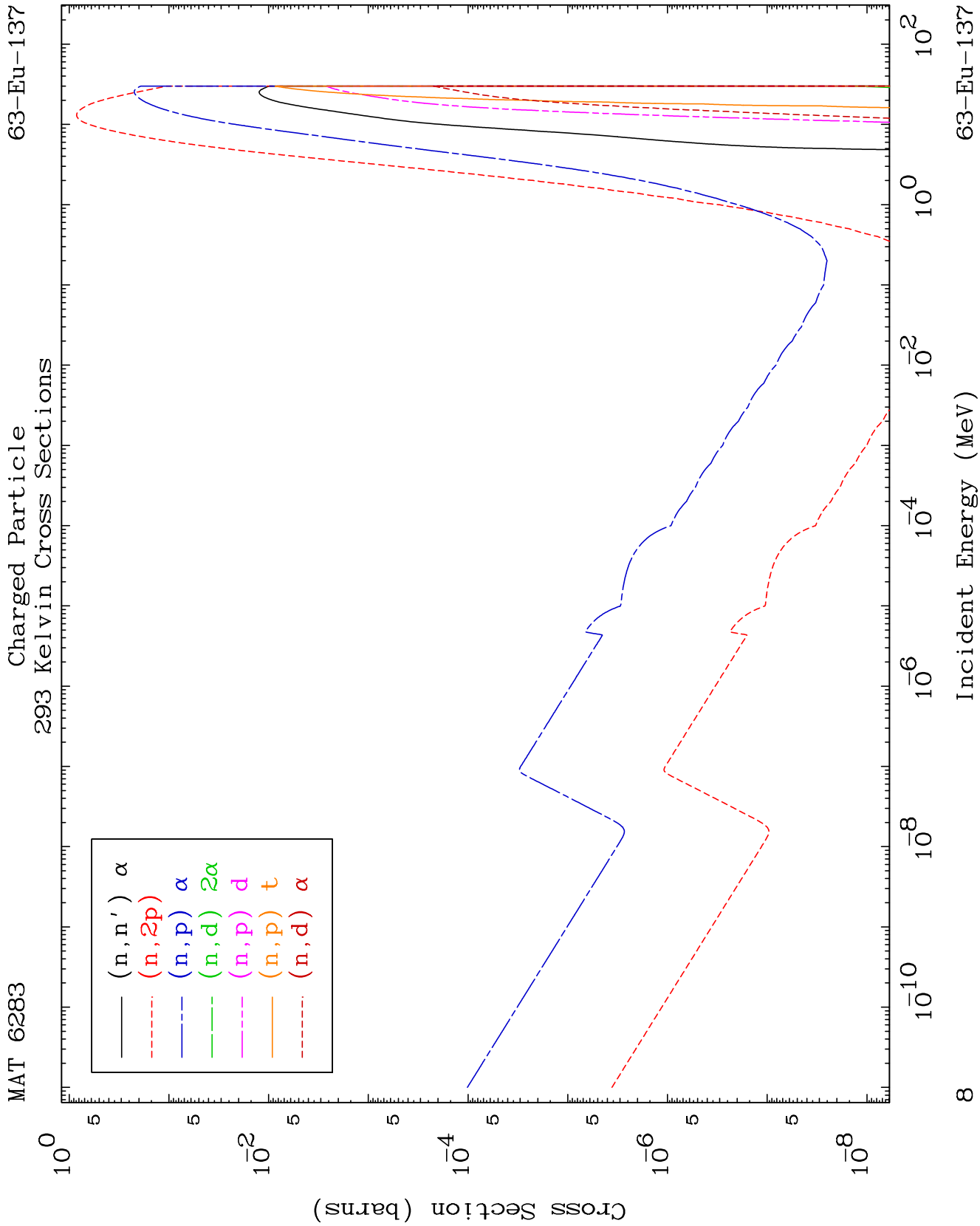
Neutron Absorption
293 Kelvin Cross Sections

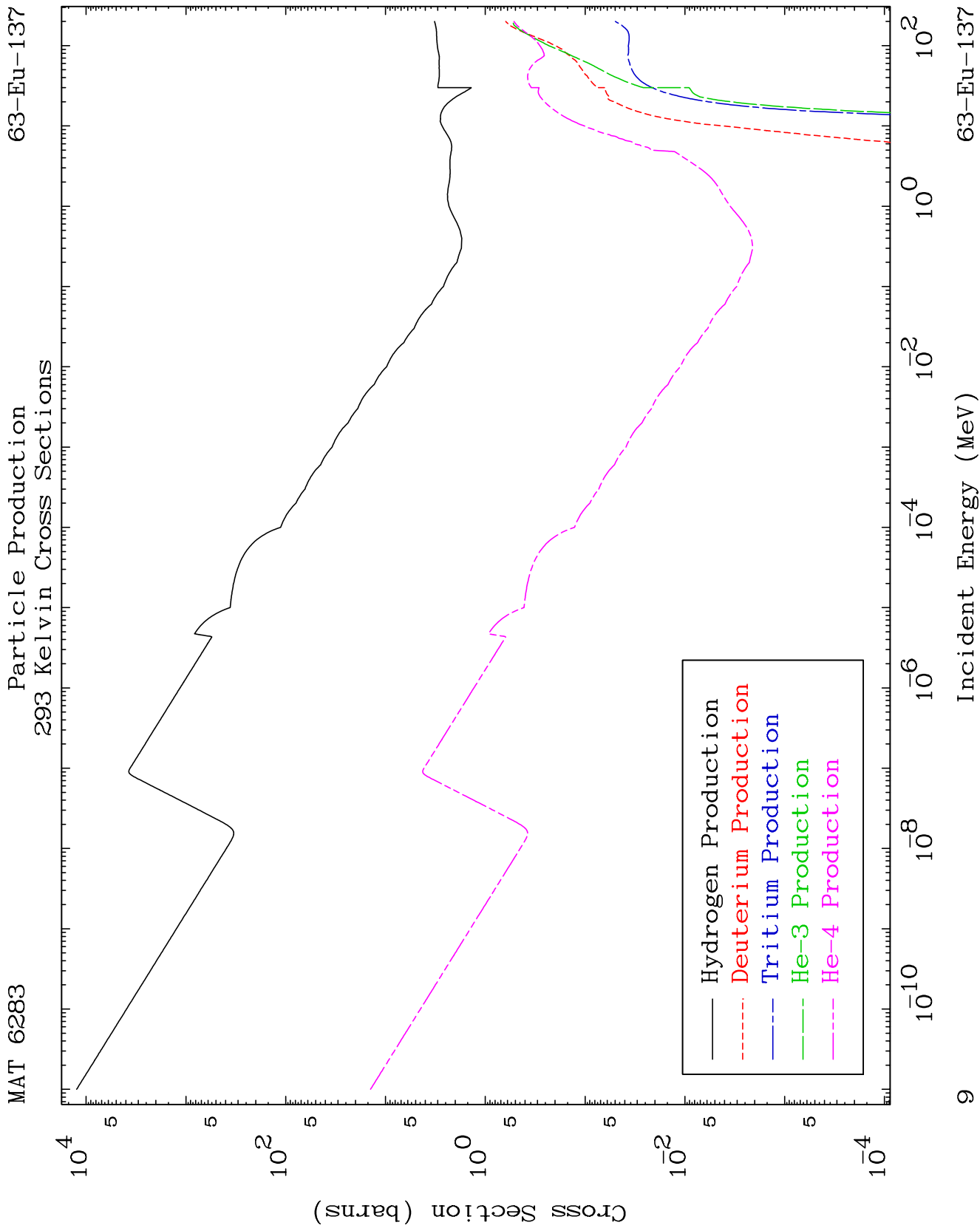
63-Eu-137

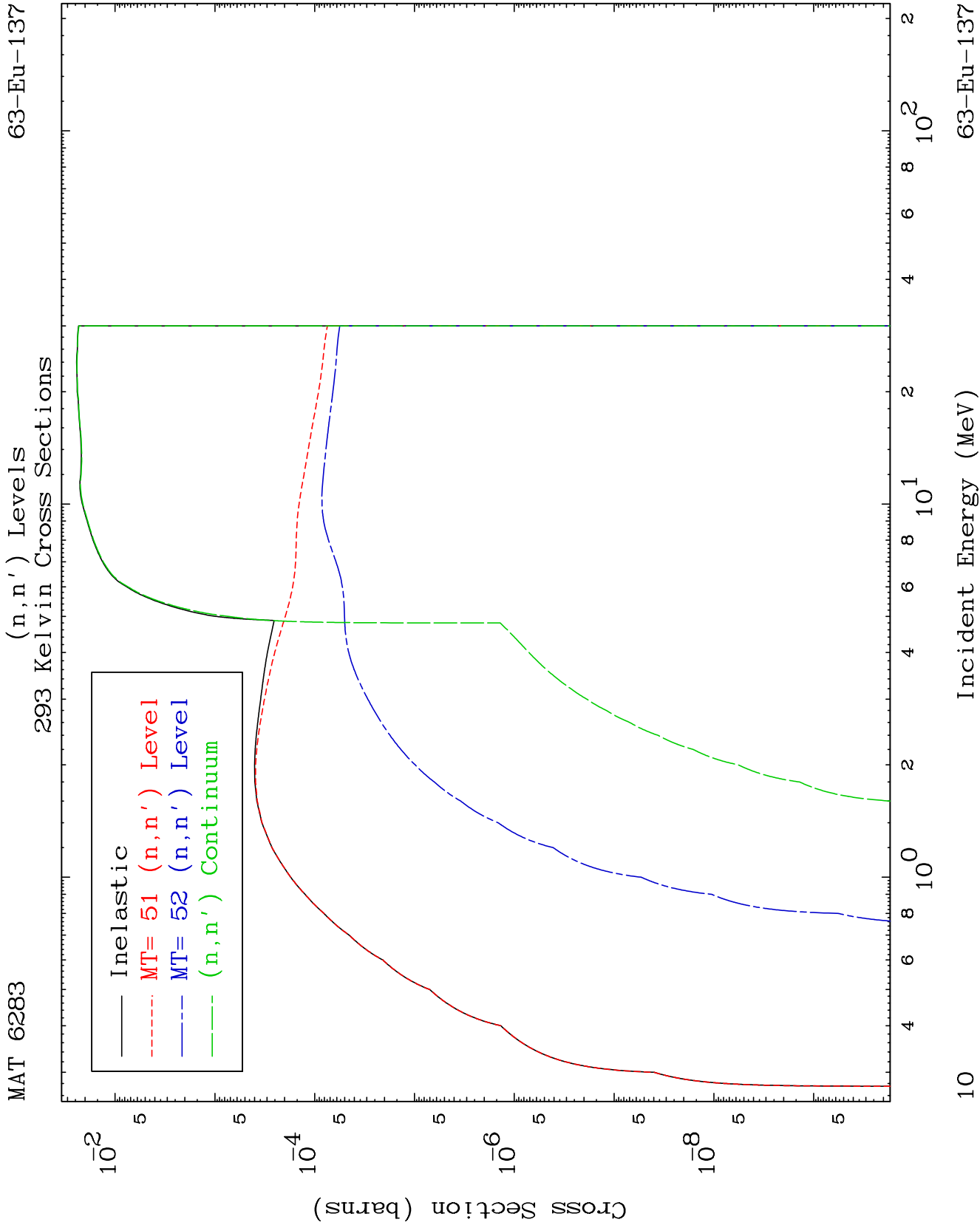








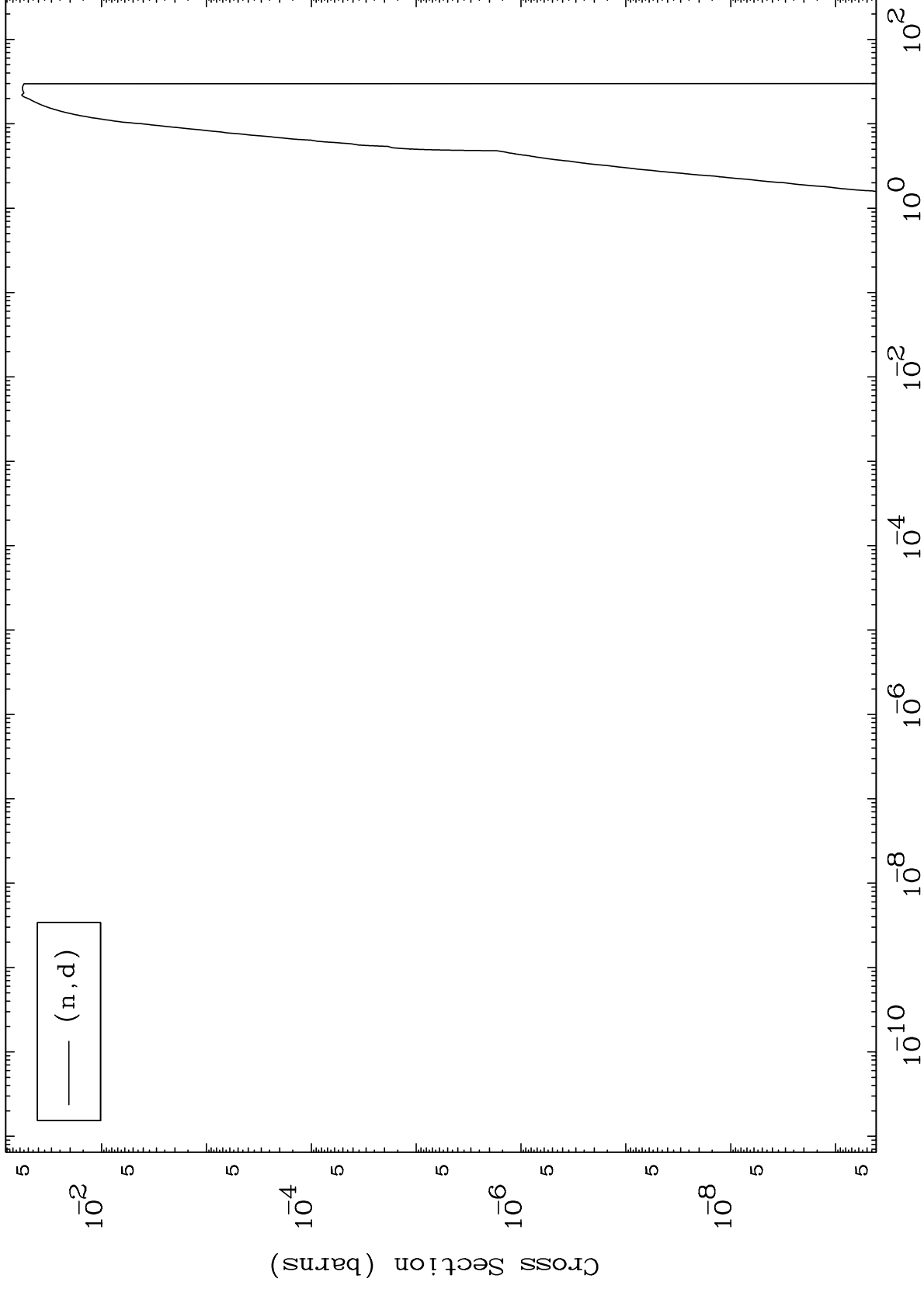




MAT 6283

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-137



12

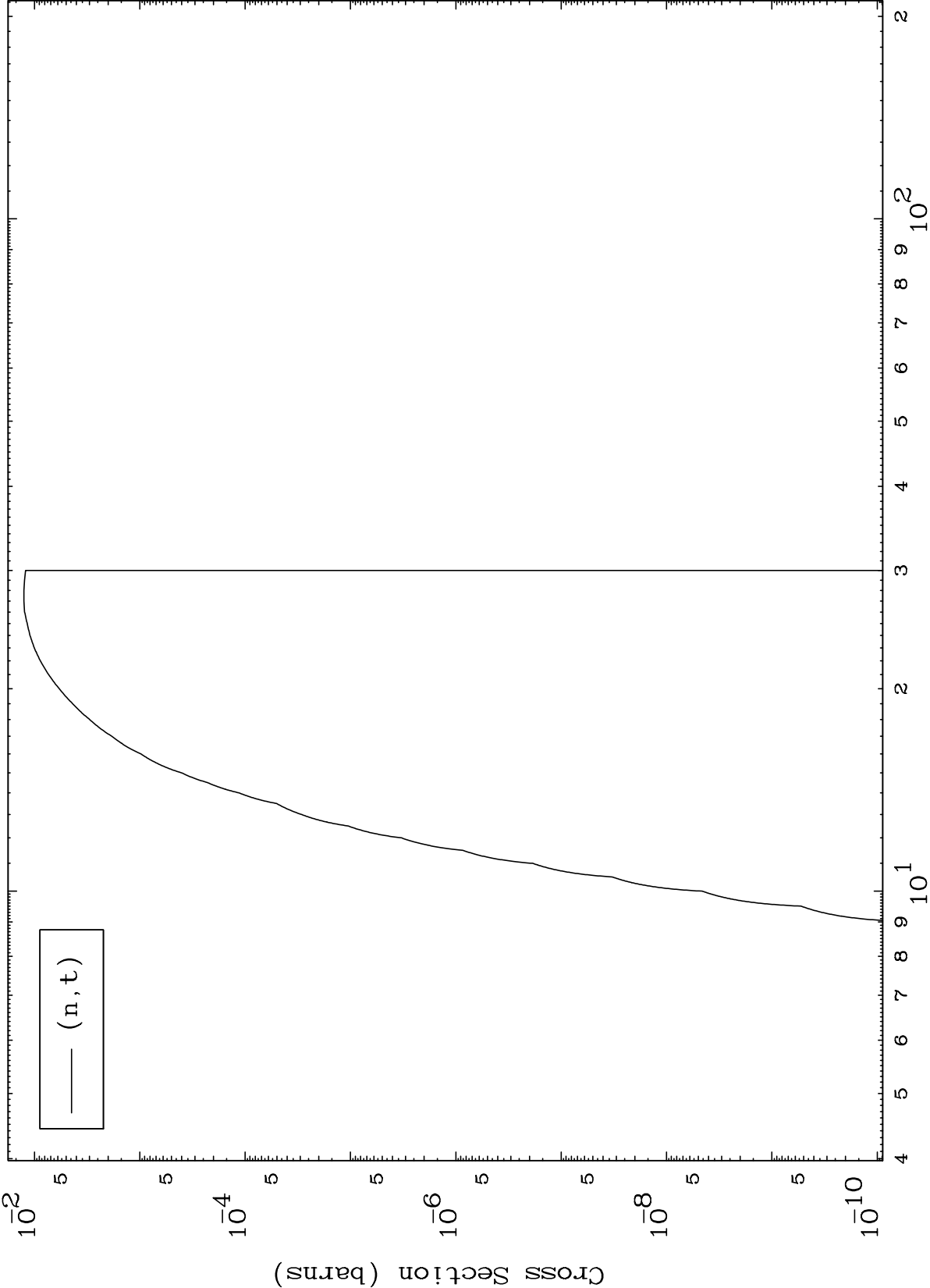
Incident Energy (MeV)

63-Eu-137

MAT 6283

(n,t) Levels
293 Kelvin Cross Sections

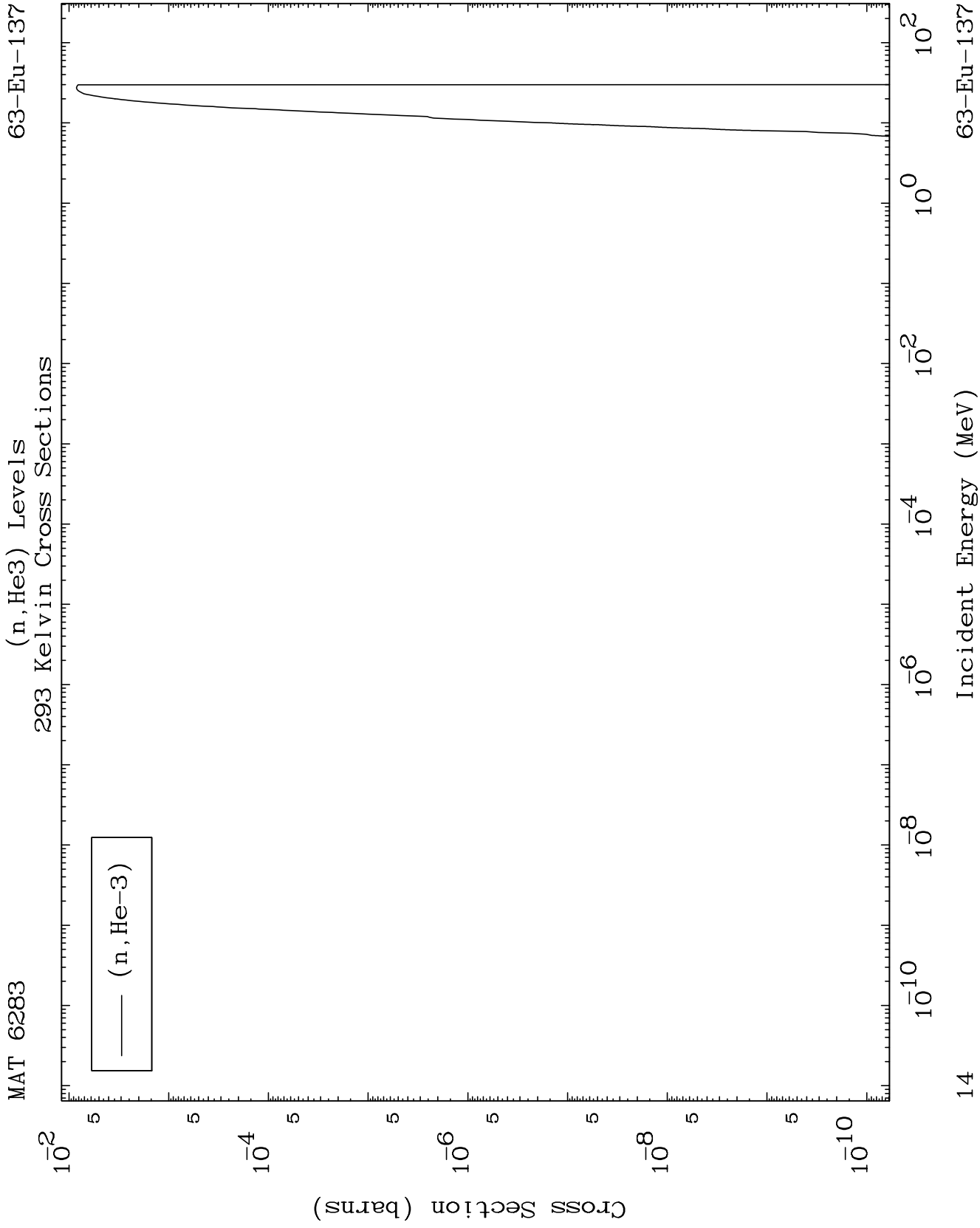
63-Eu-137

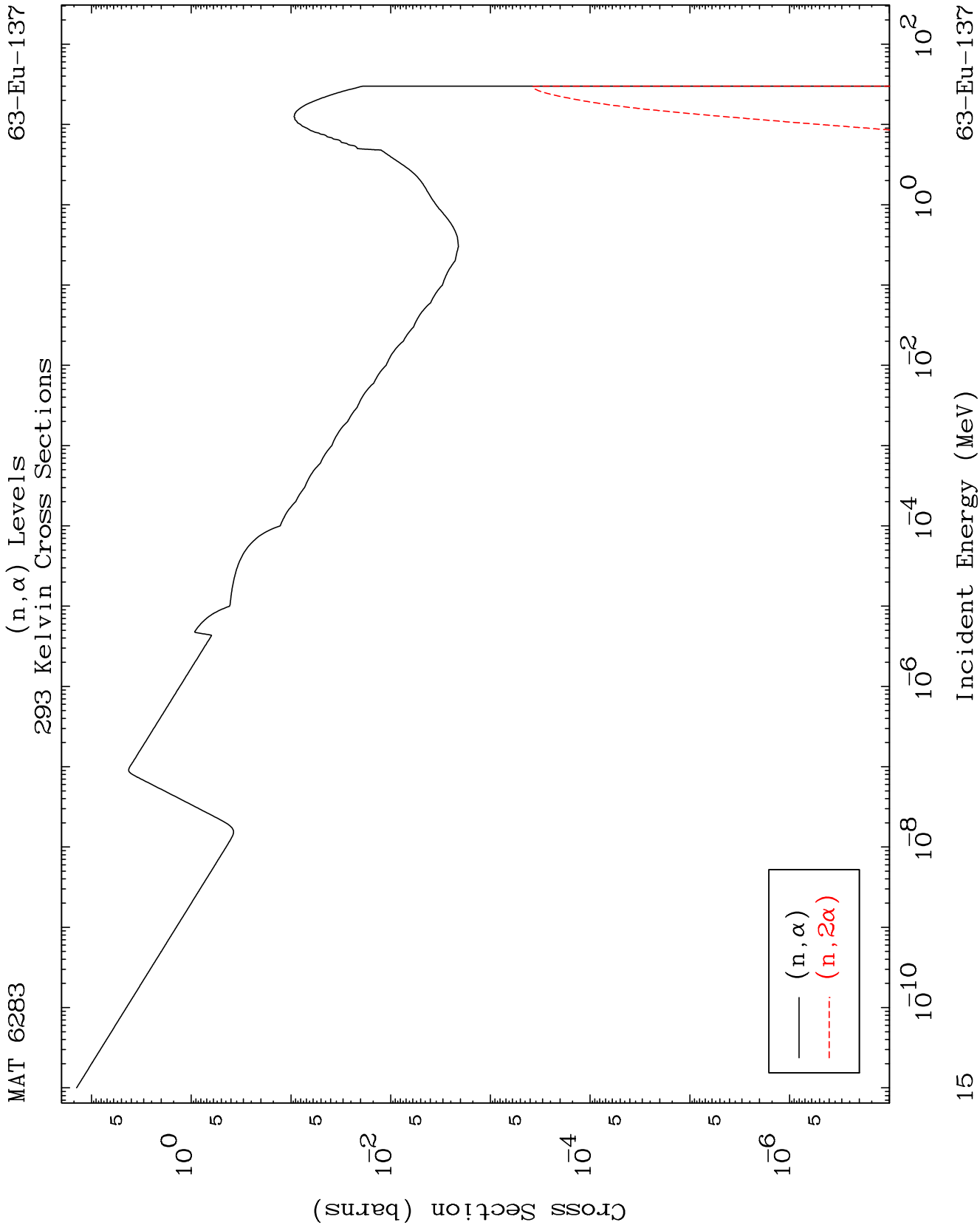


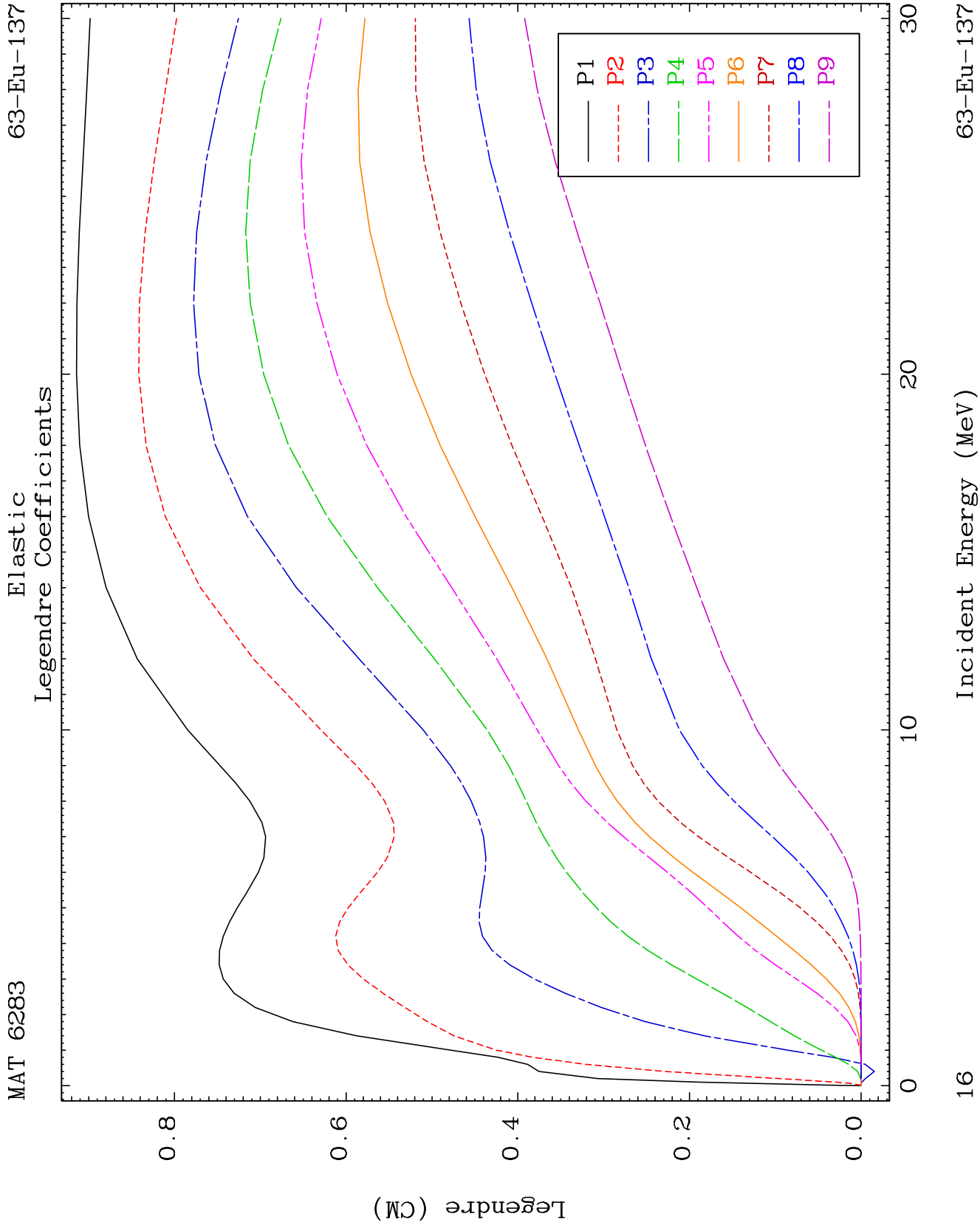
Incident Energy (MeV)

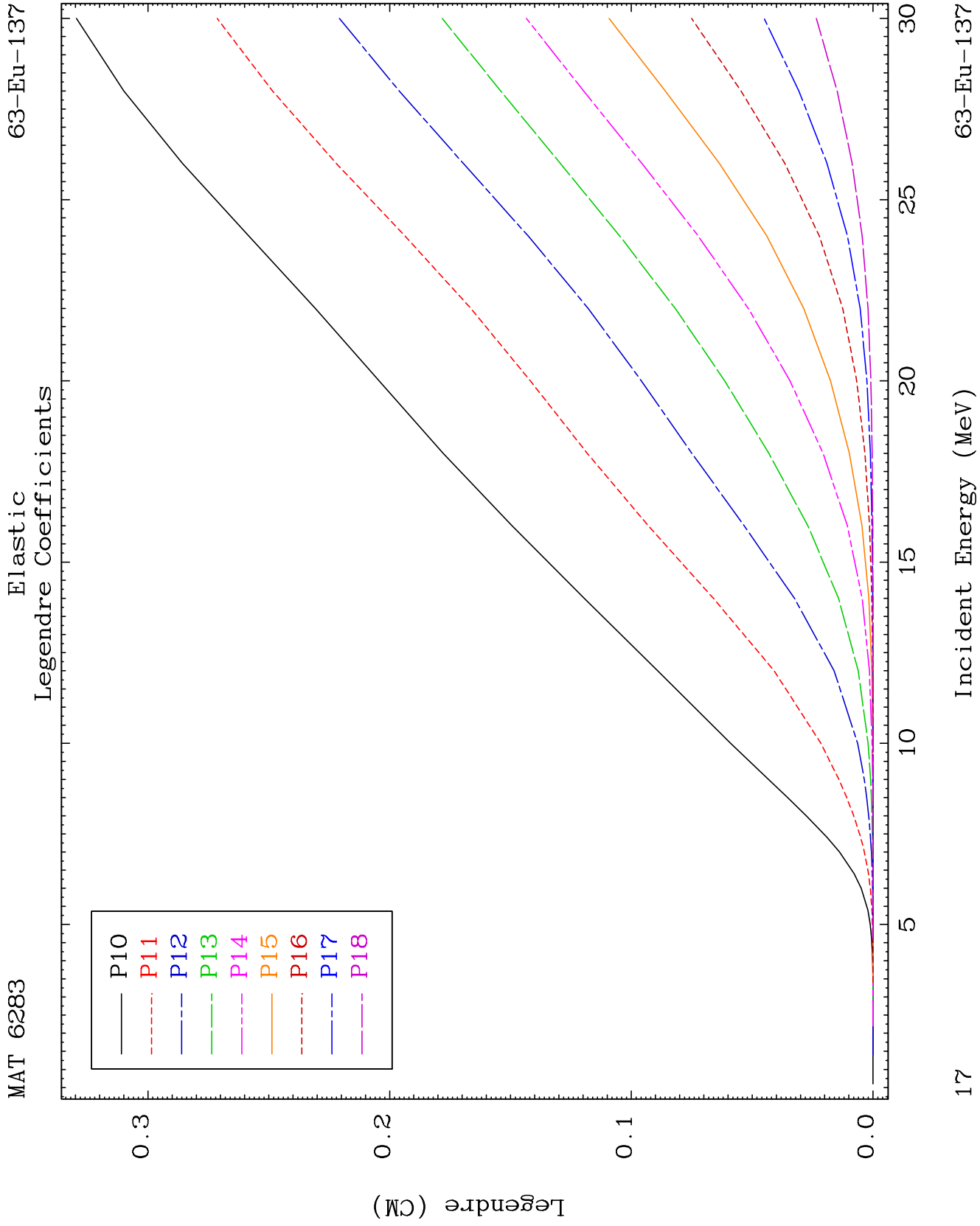
63-Eu-137

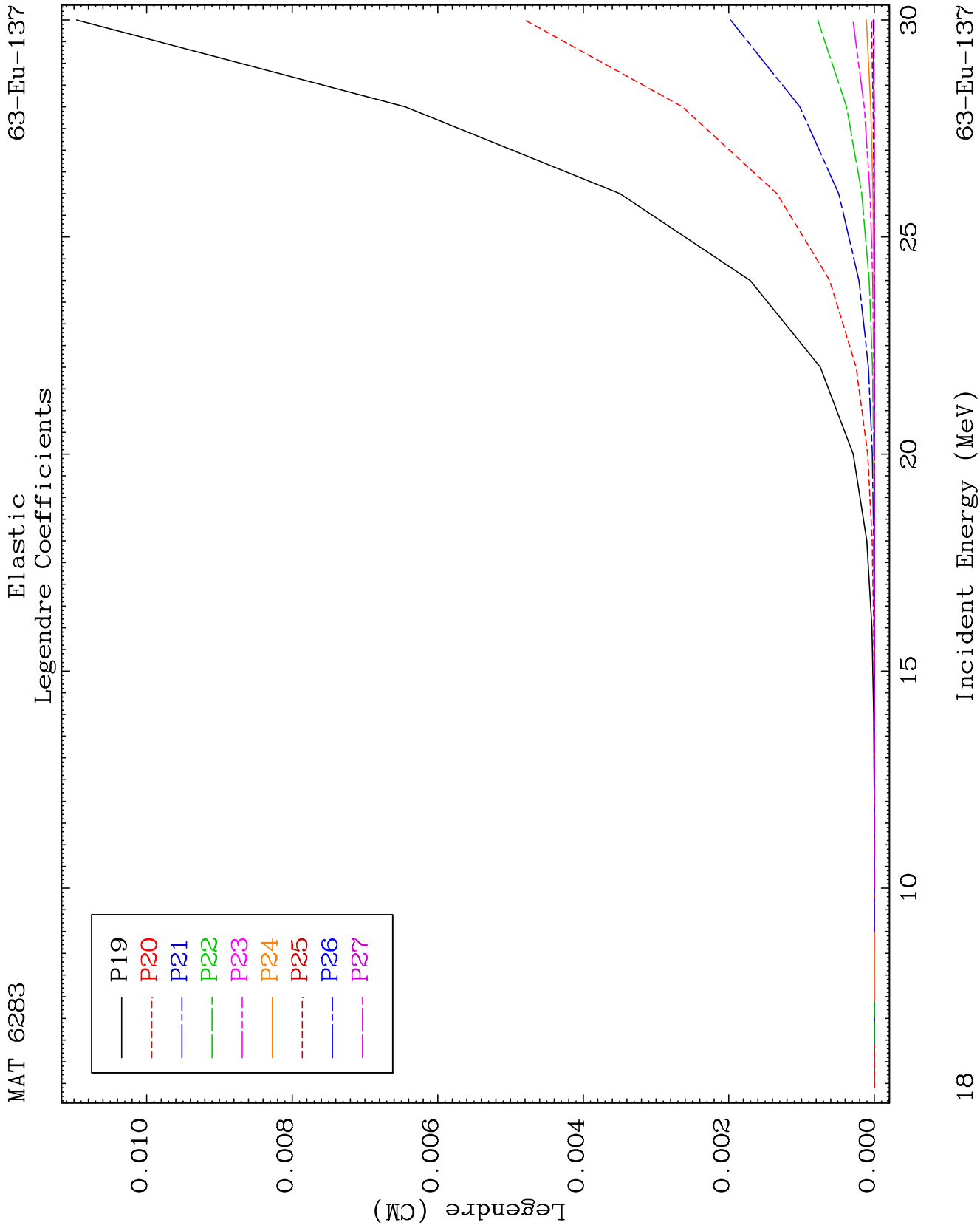
13

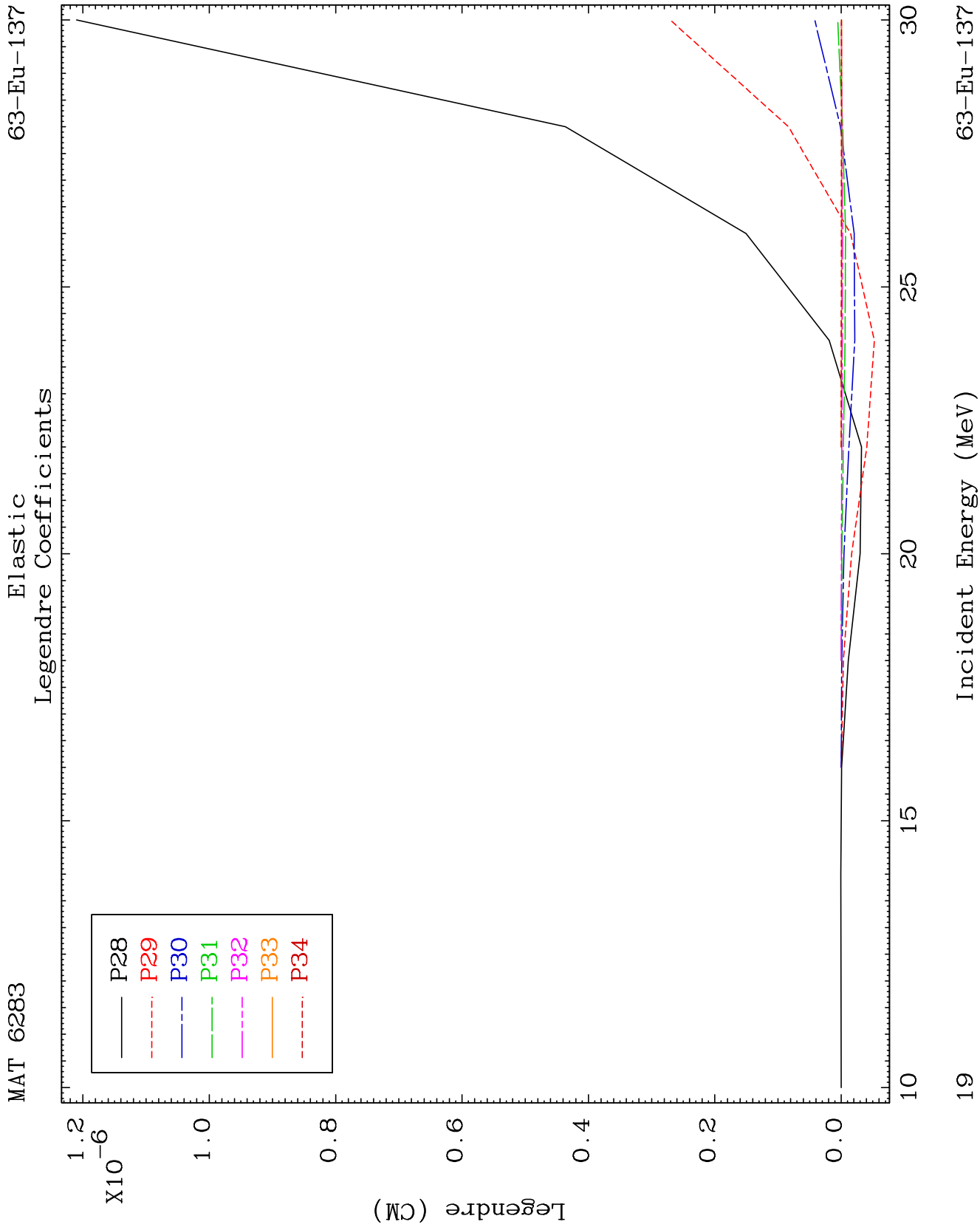


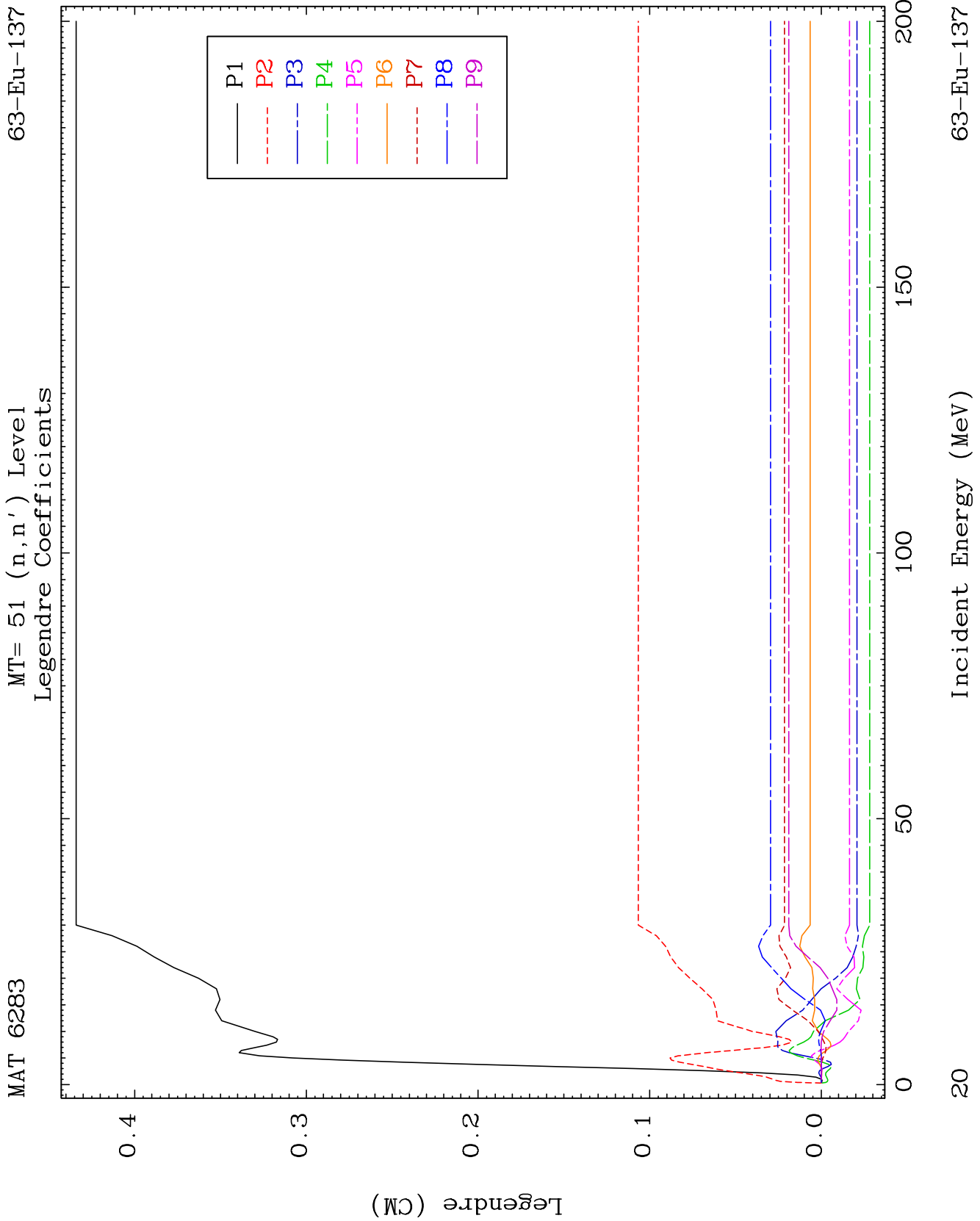


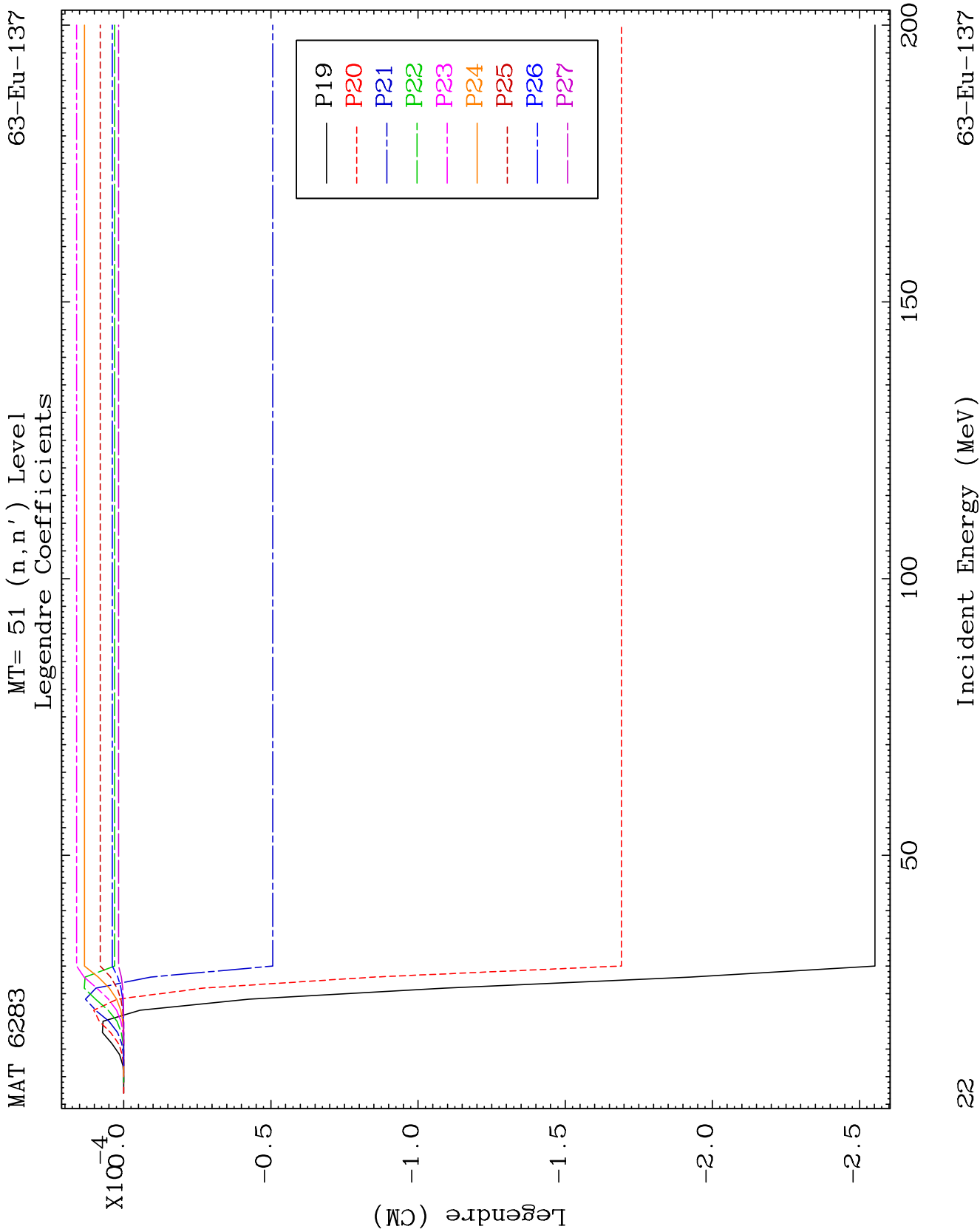


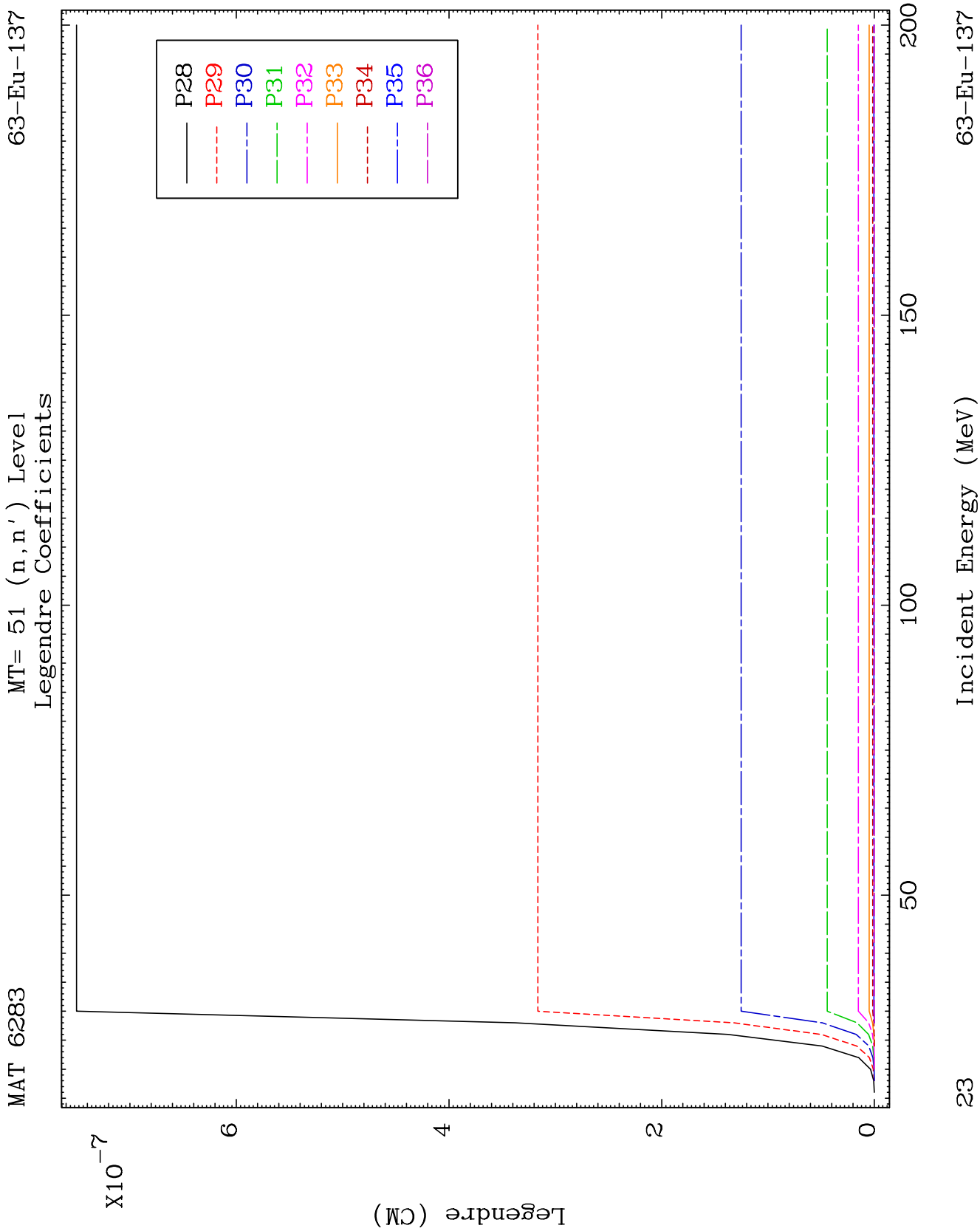








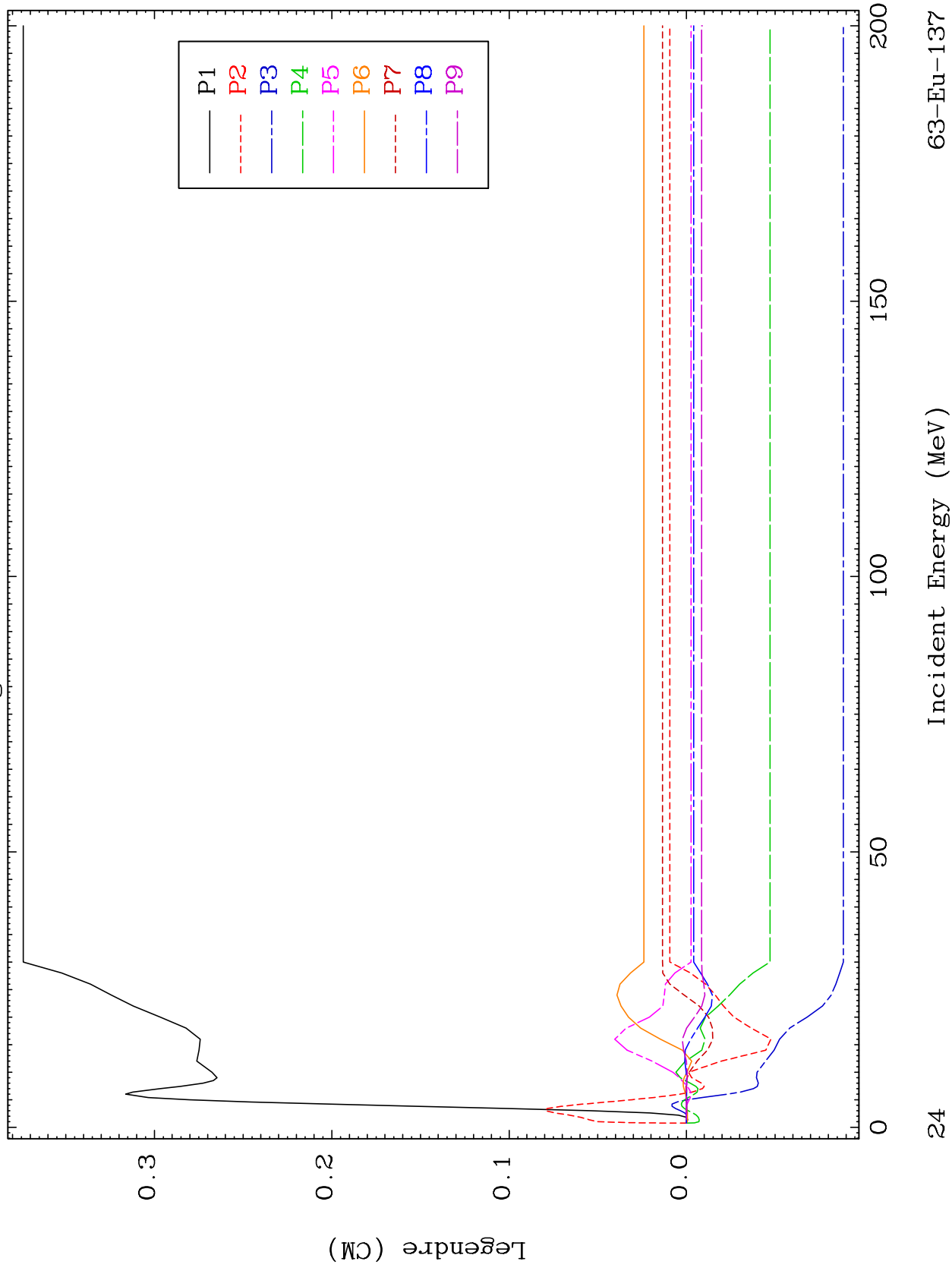




MAT 6283

MT= 52 (n, n') Level
Legendre Coefficients

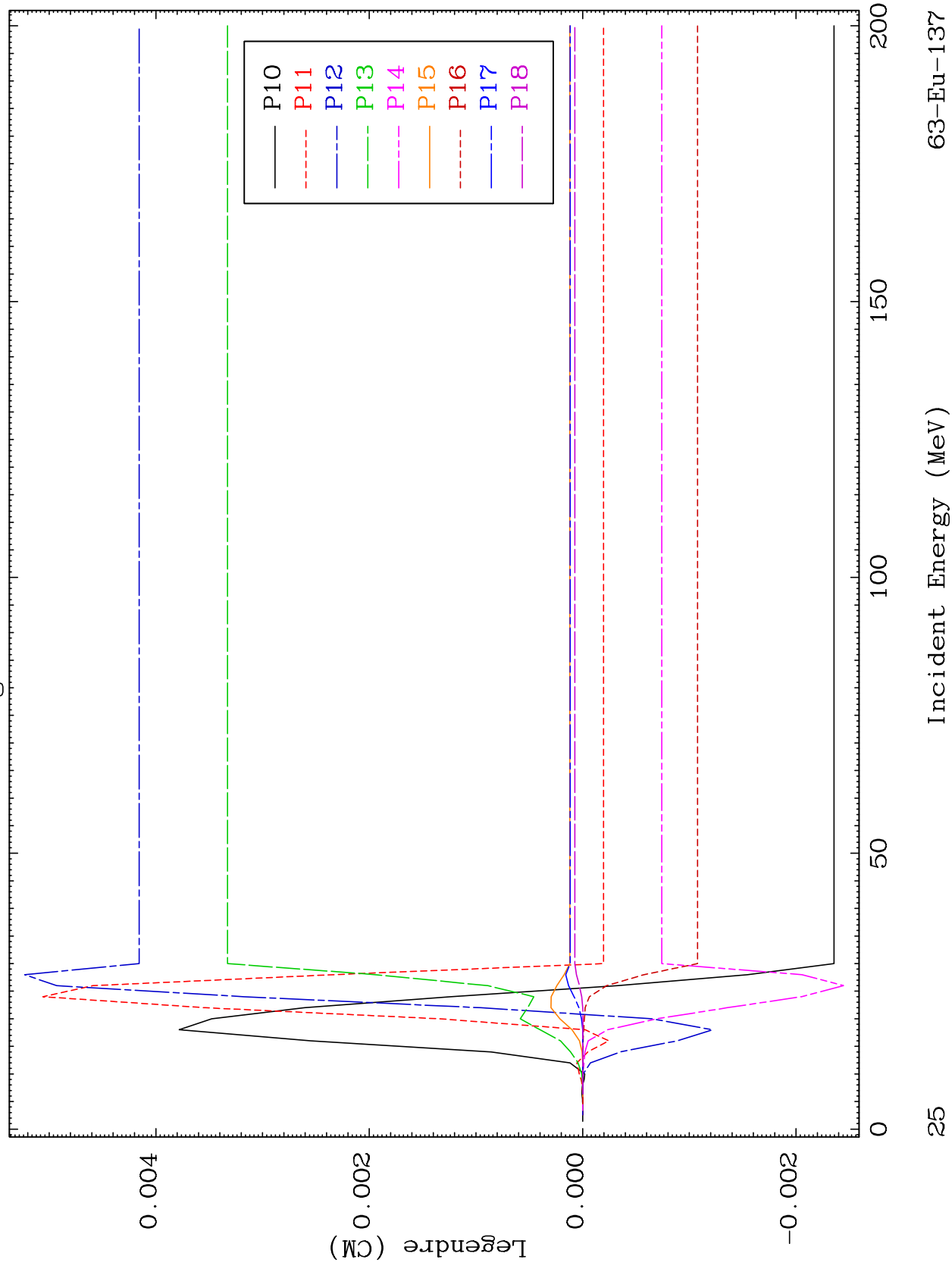
63-Eu-137

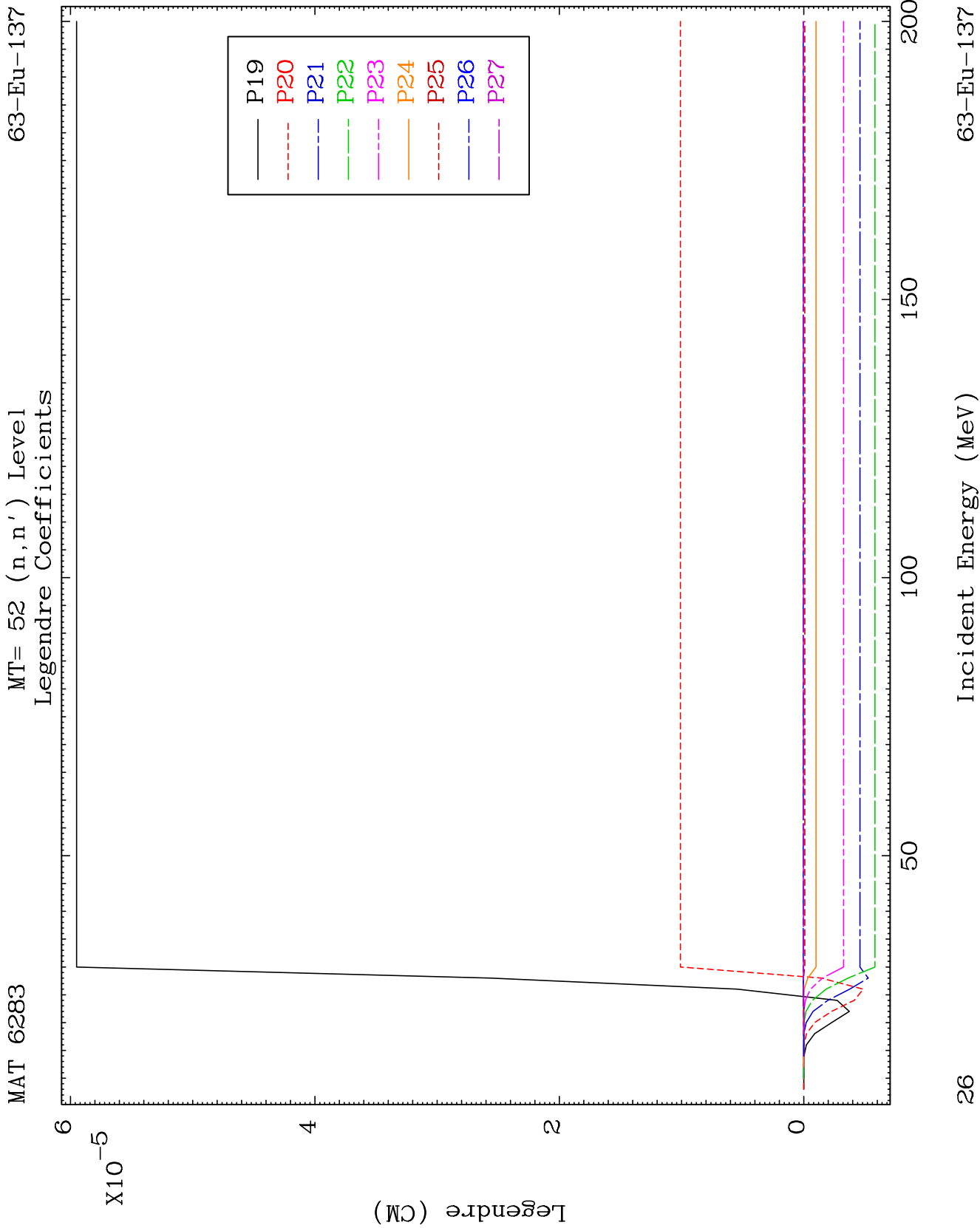


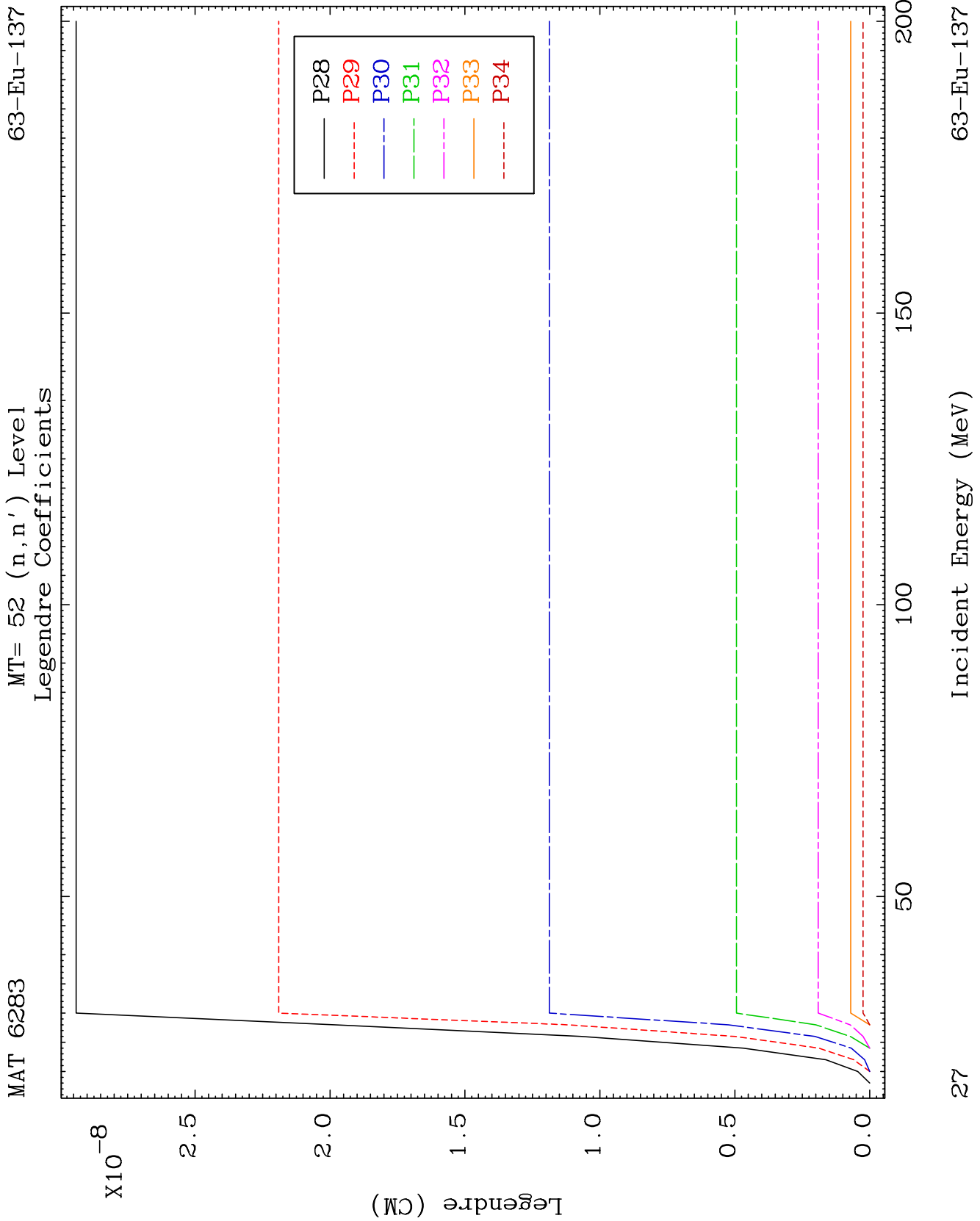
MAT 6283

MT= 52 (n, n') Level
Legendre Coefficients

63-Eu-137



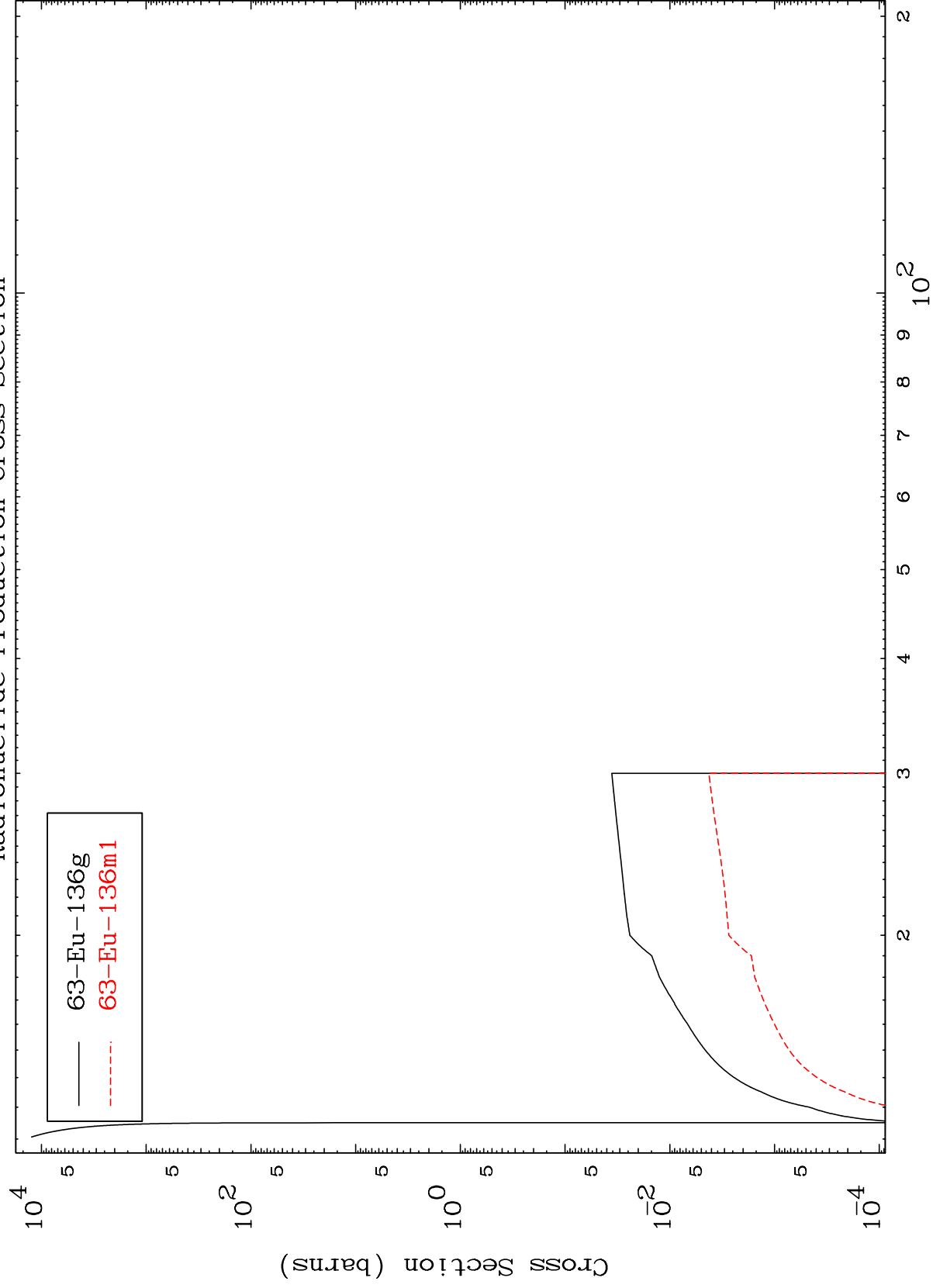




MAT 6283

63-Eu-137

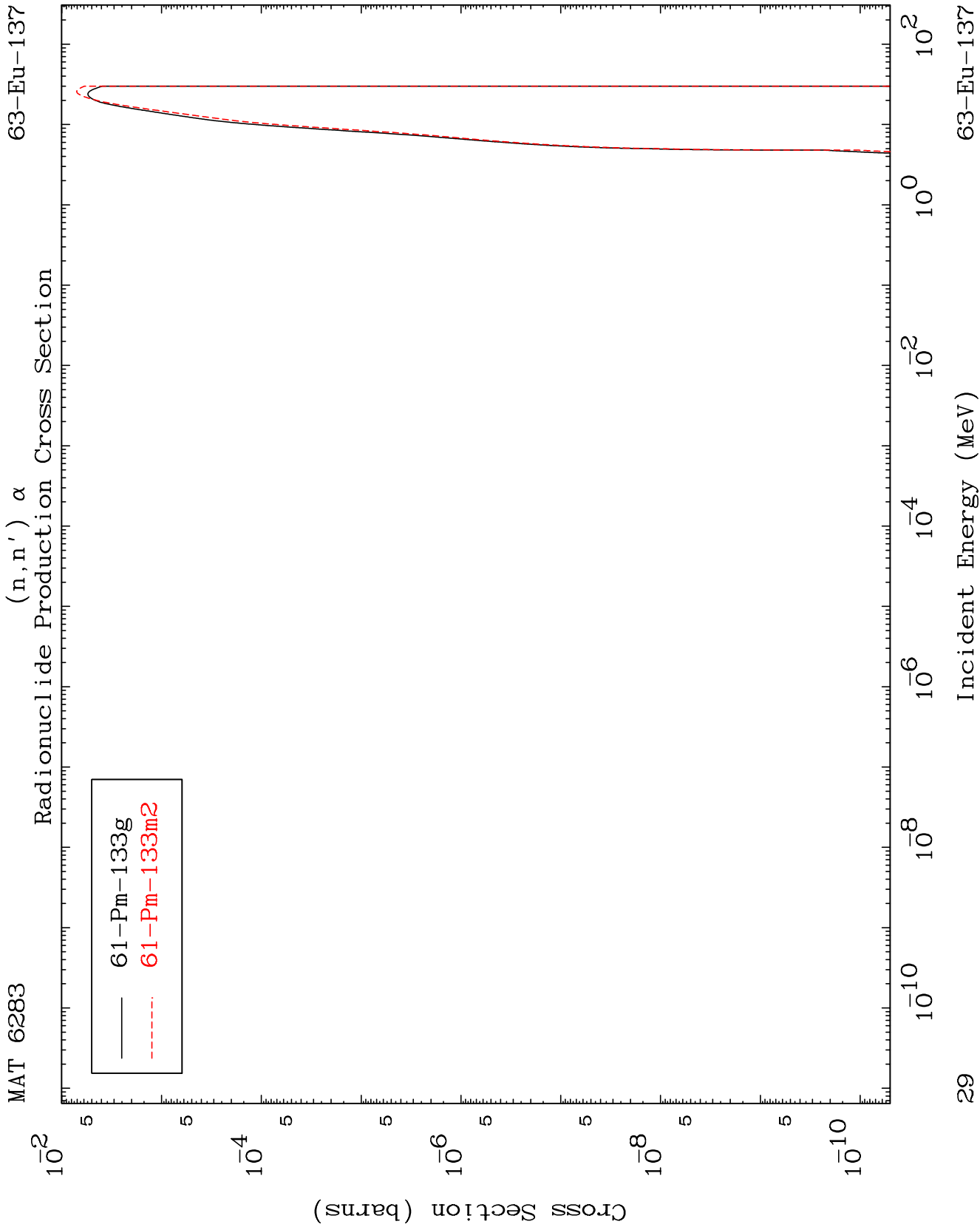
Radionuclide Production Cross Section
(n,2n)



28

Incident Energy (MeV)

63-Eu-137

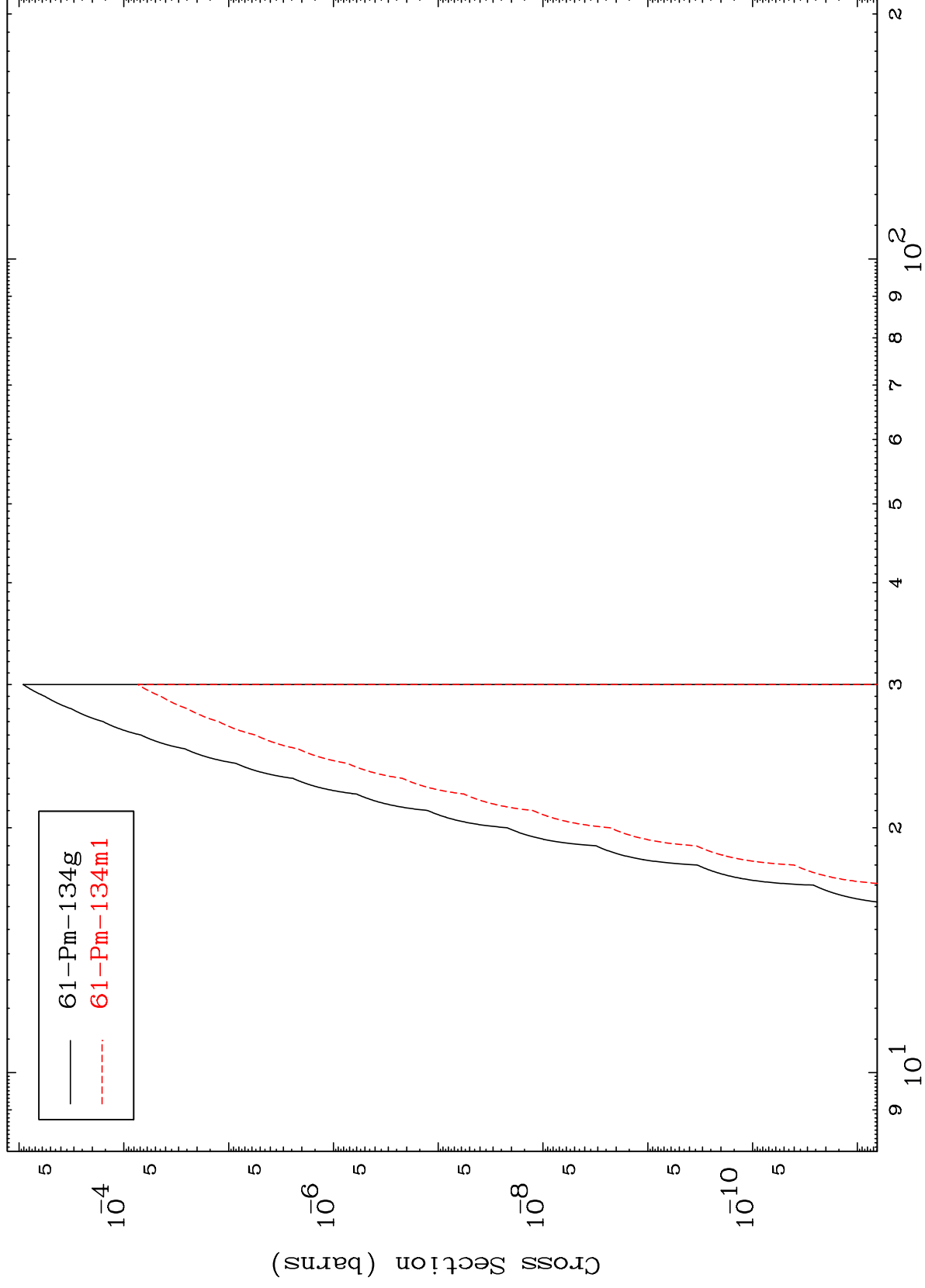


MAT 6283

(n,n') He-3

63-Eu-137

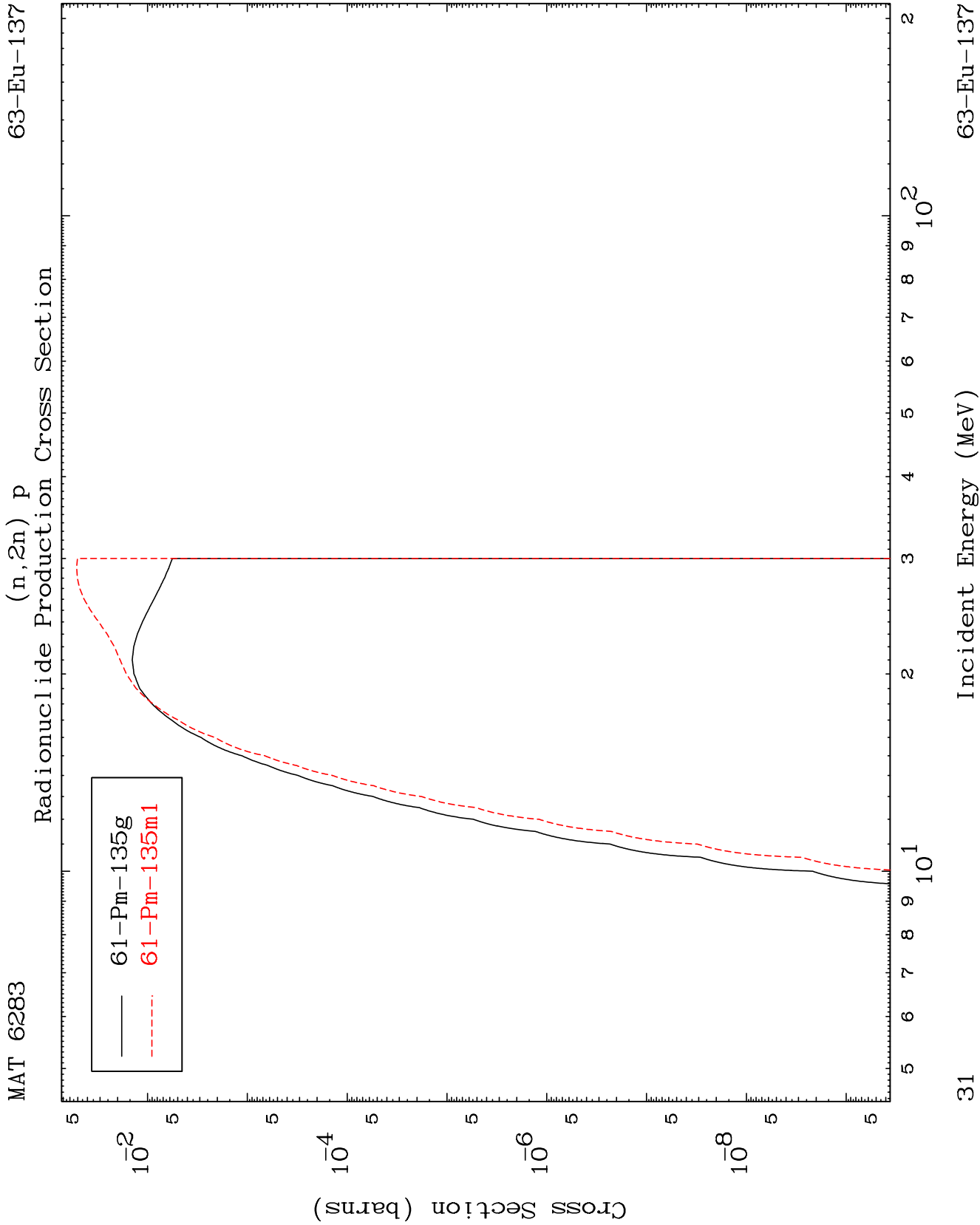
Radionuclide Production Cross Section

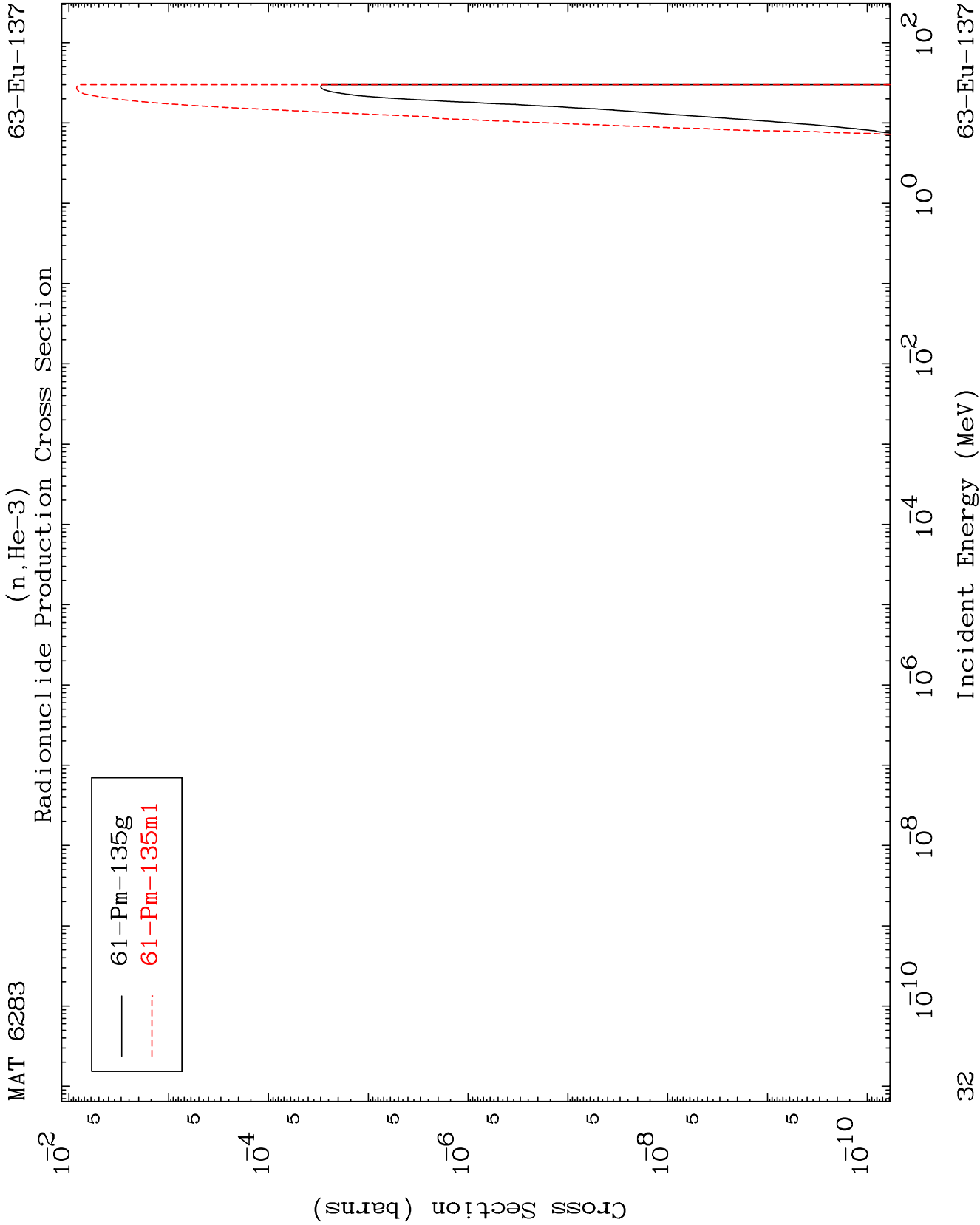


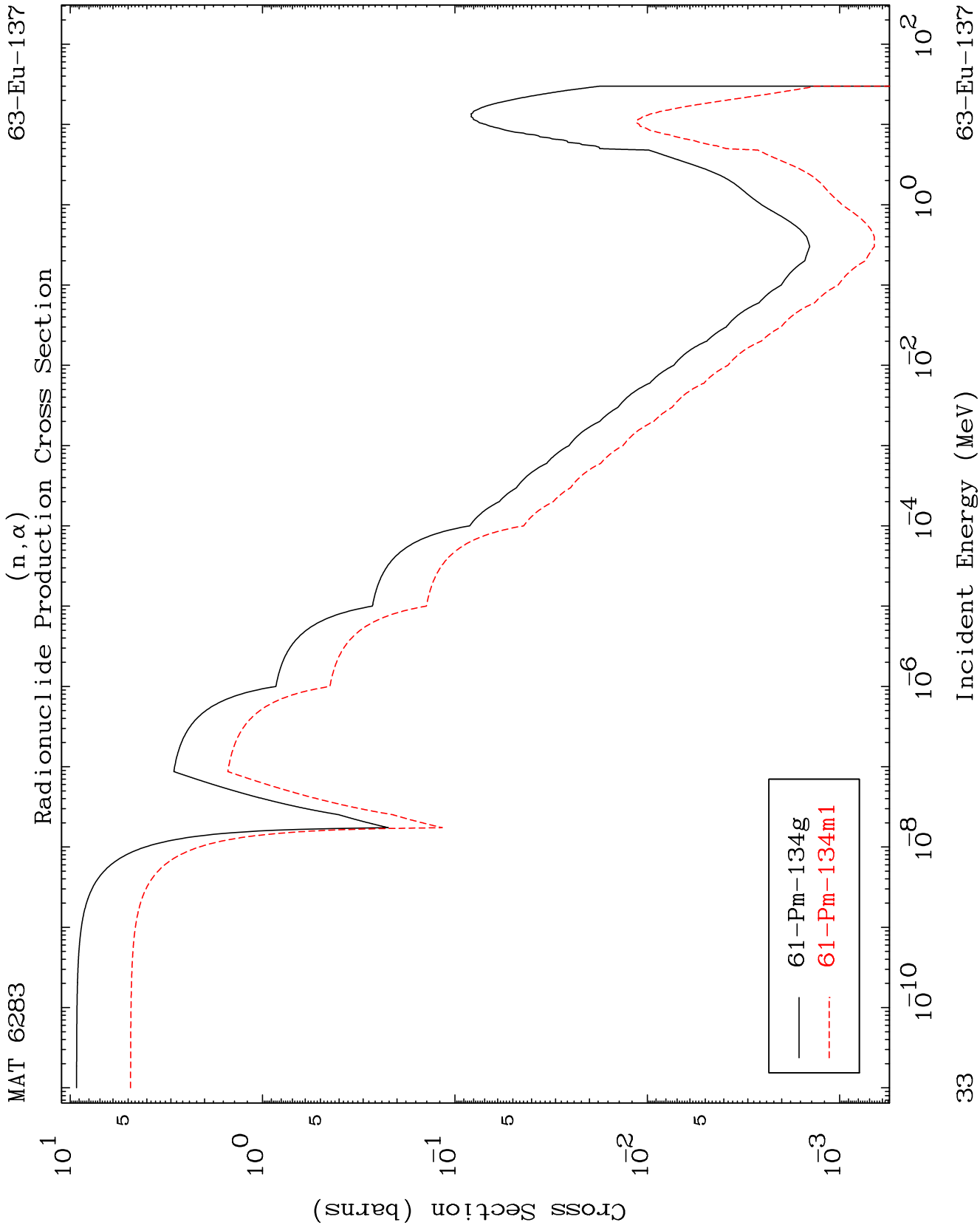
30

Incident Energy (MeV)

63-Eu-137



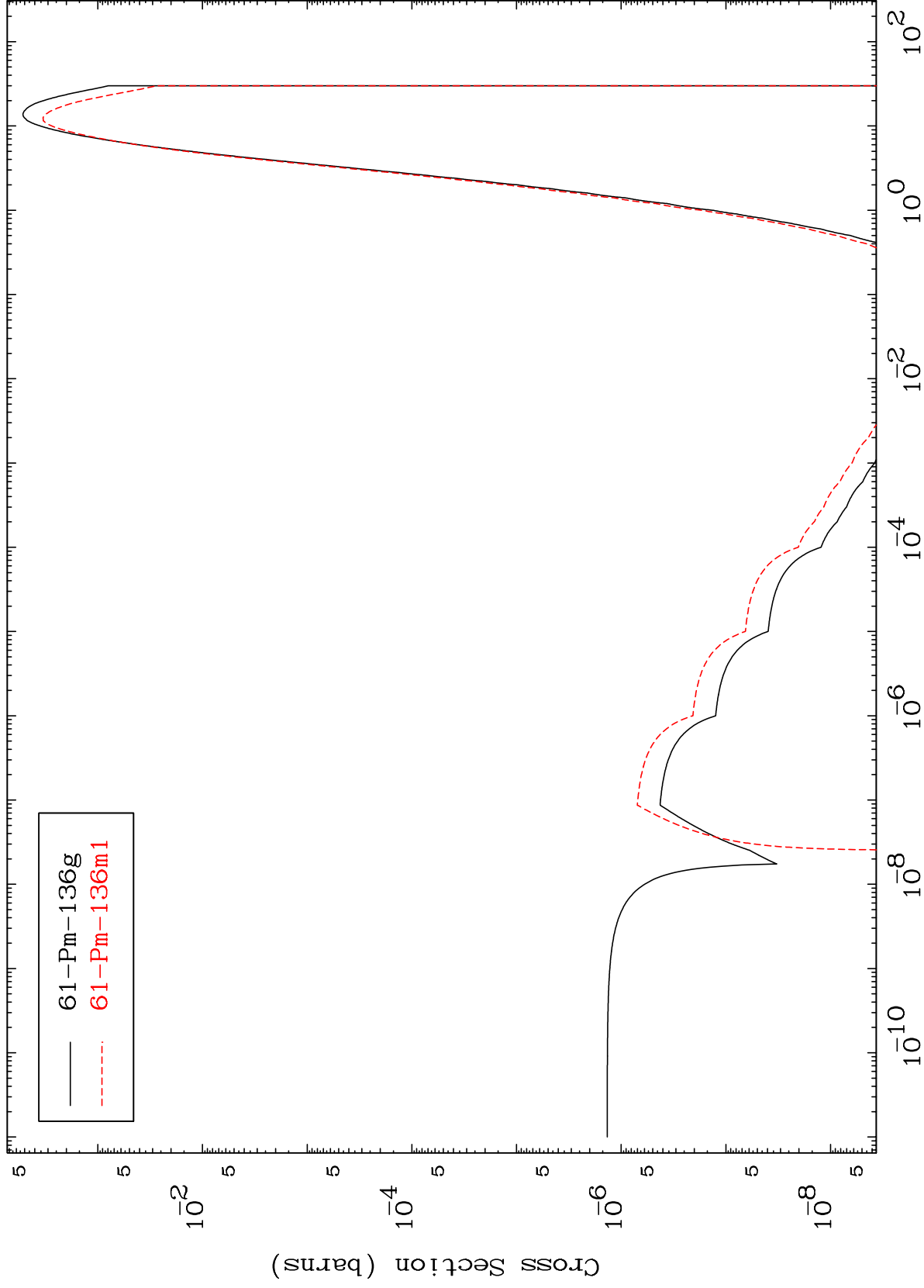




MAT 6283

63-Eu-137

(n,2p)
Radionuclide Production Cross Section



34

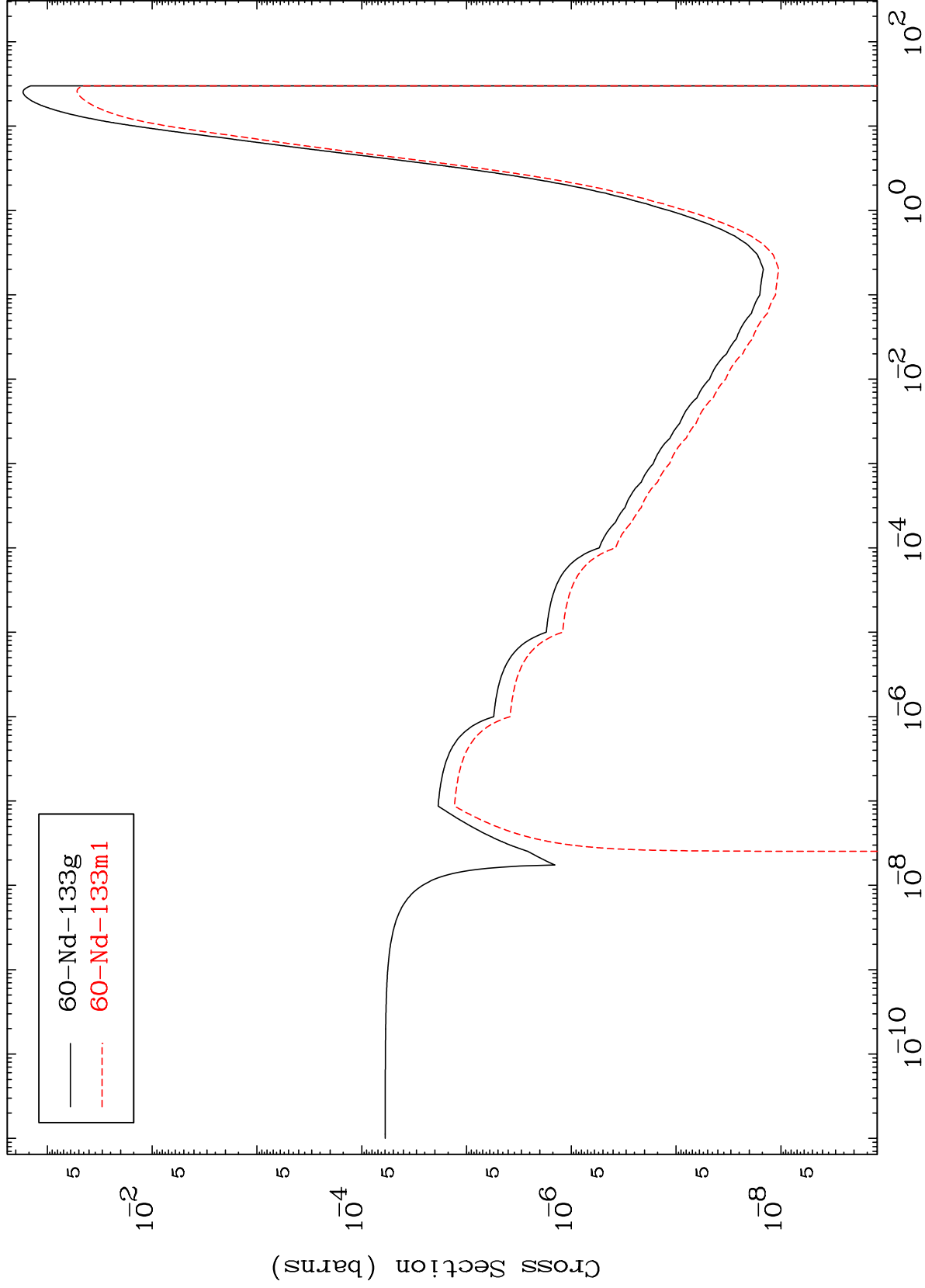
63-Eu-137

MAT 6283

(n,p) α

$^{63}\text{Eu}-^{137}$

Radionuclide Production Cross Section



35

Incident Energy (MeV)

$^{63}\text{Eu}-^{137}$

Radionuclide Production Cross Section (n,p) d

