

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

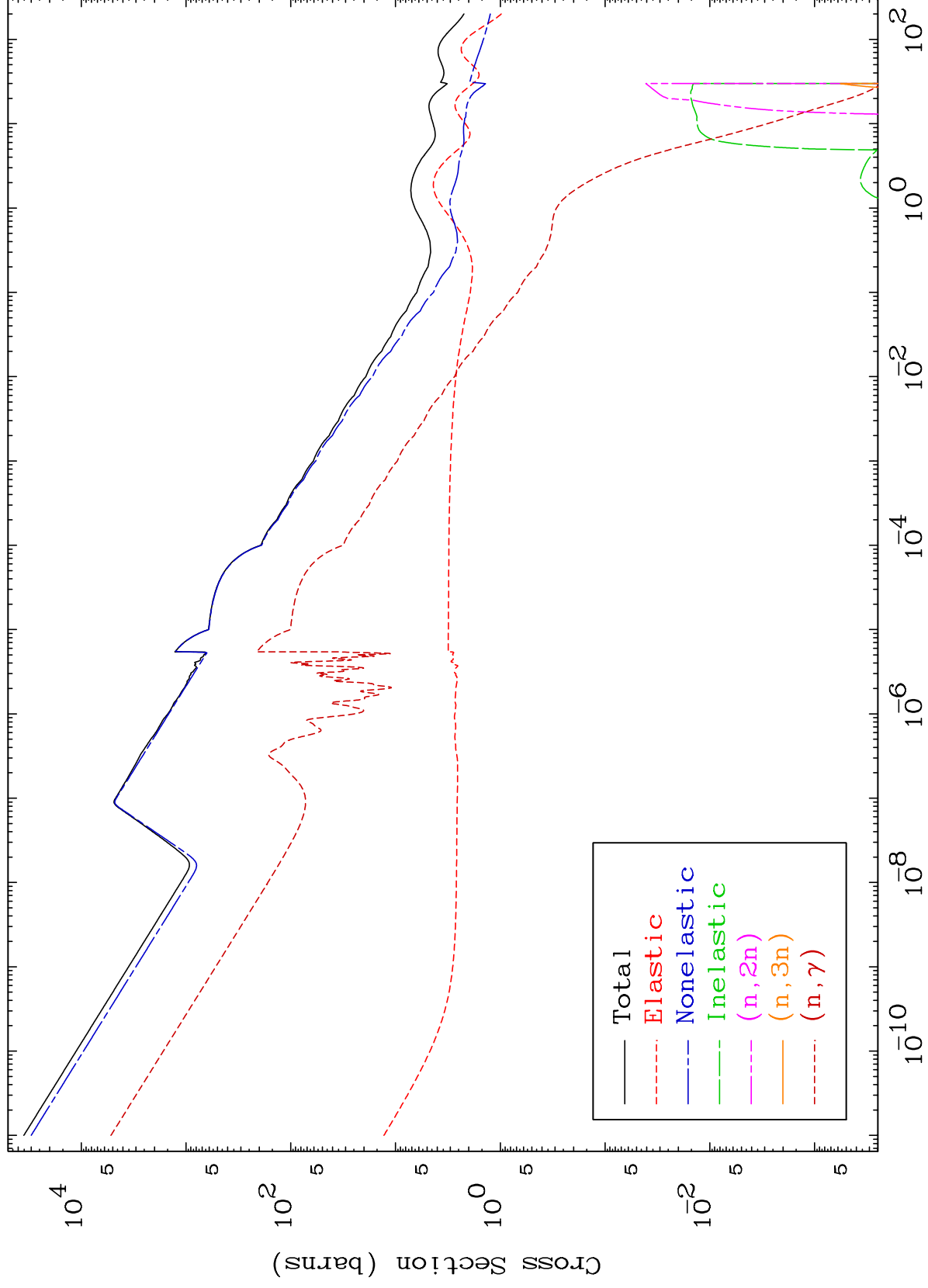
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6283

Neutron Major
293 Kelvin Cross Sections

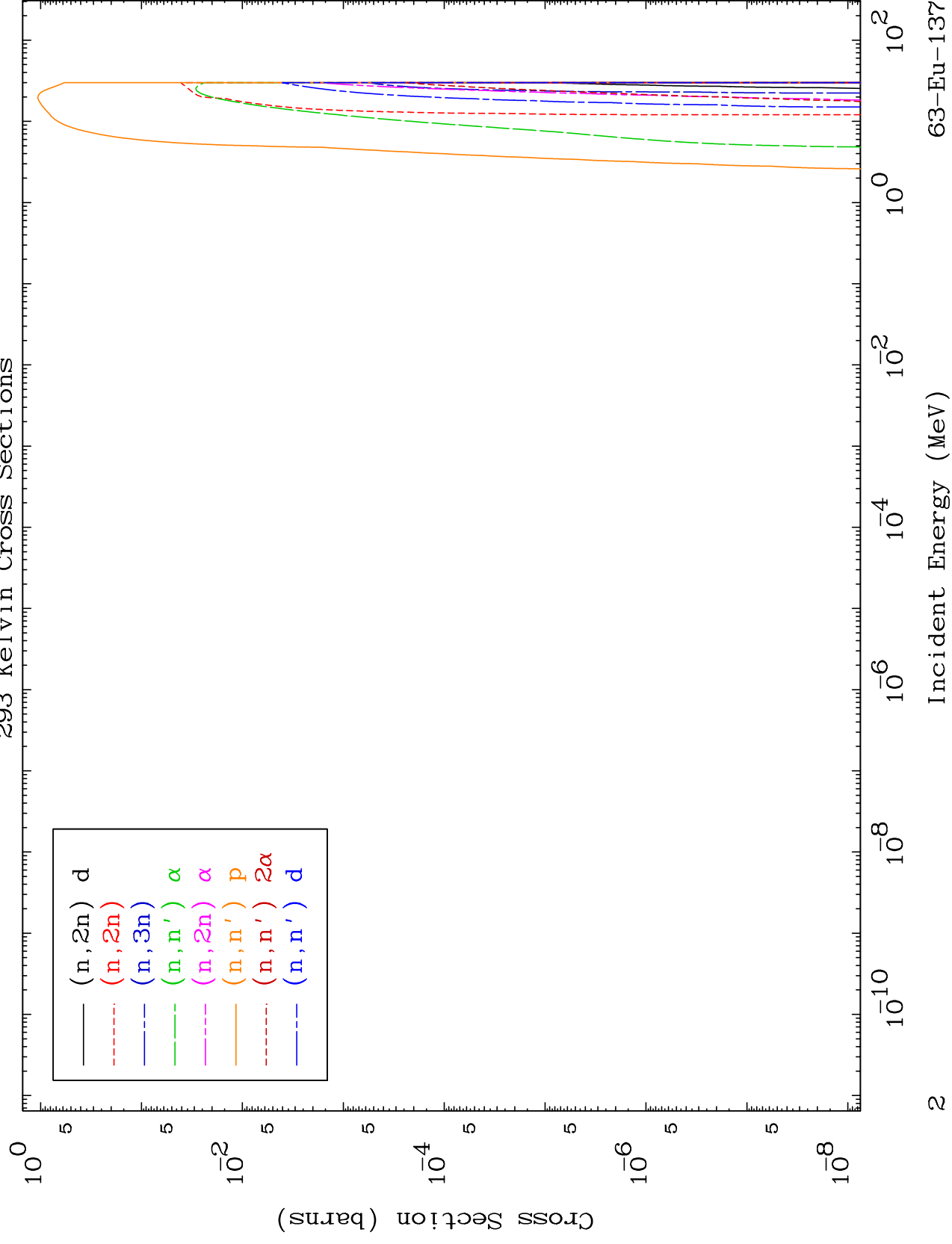
63-Eu-137

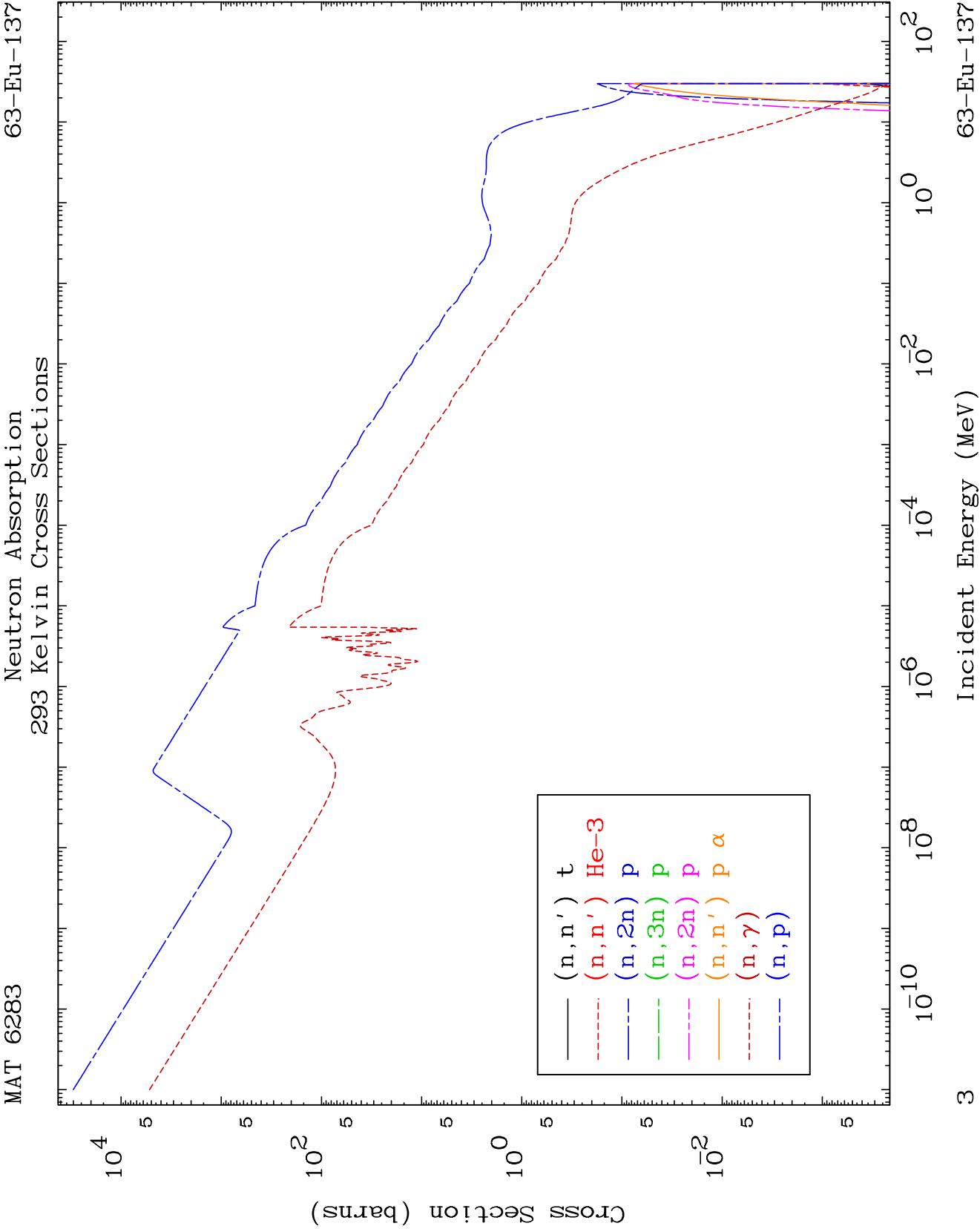


1

Incident Energy (MeV)

63-Eu-137

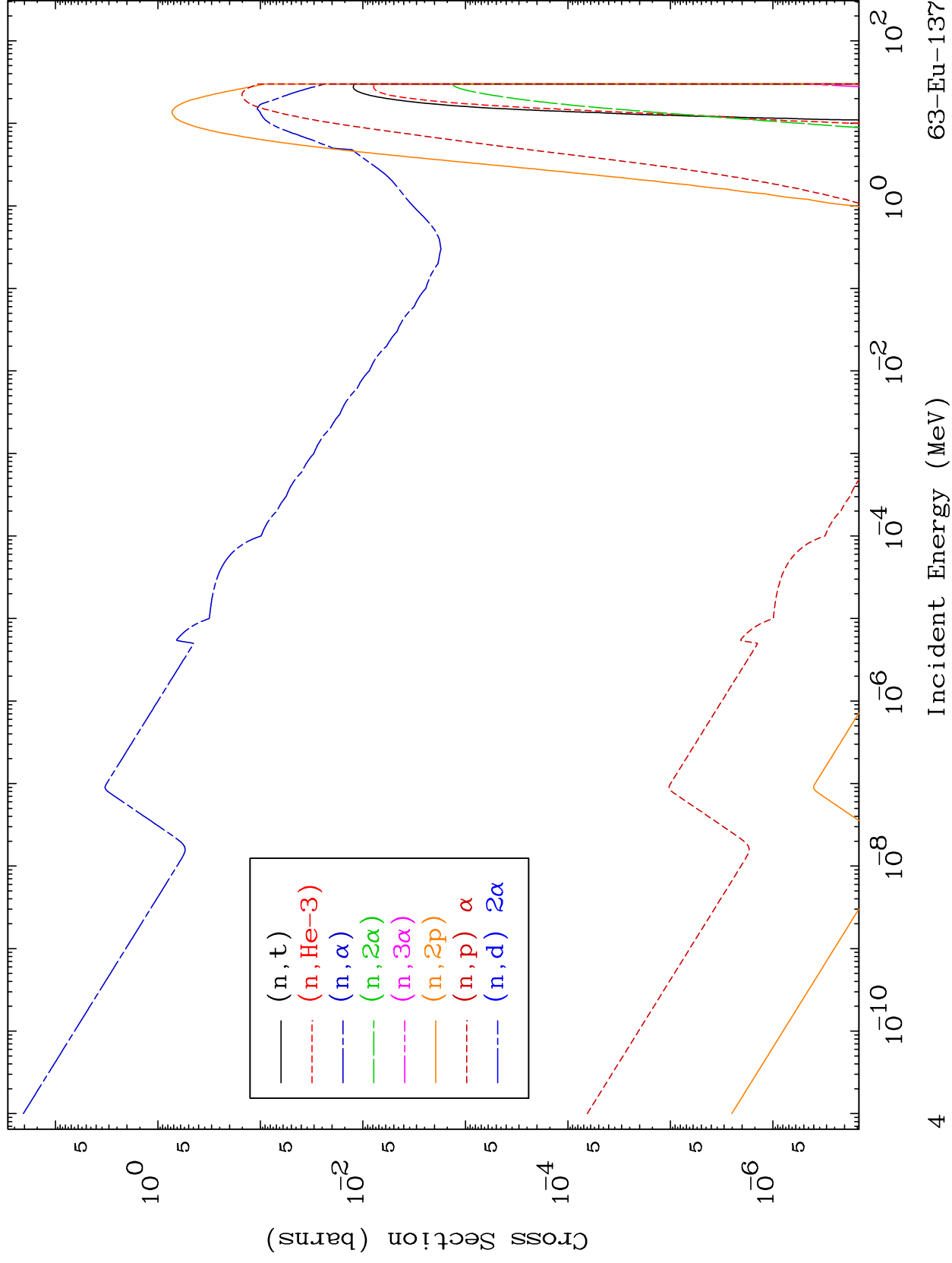


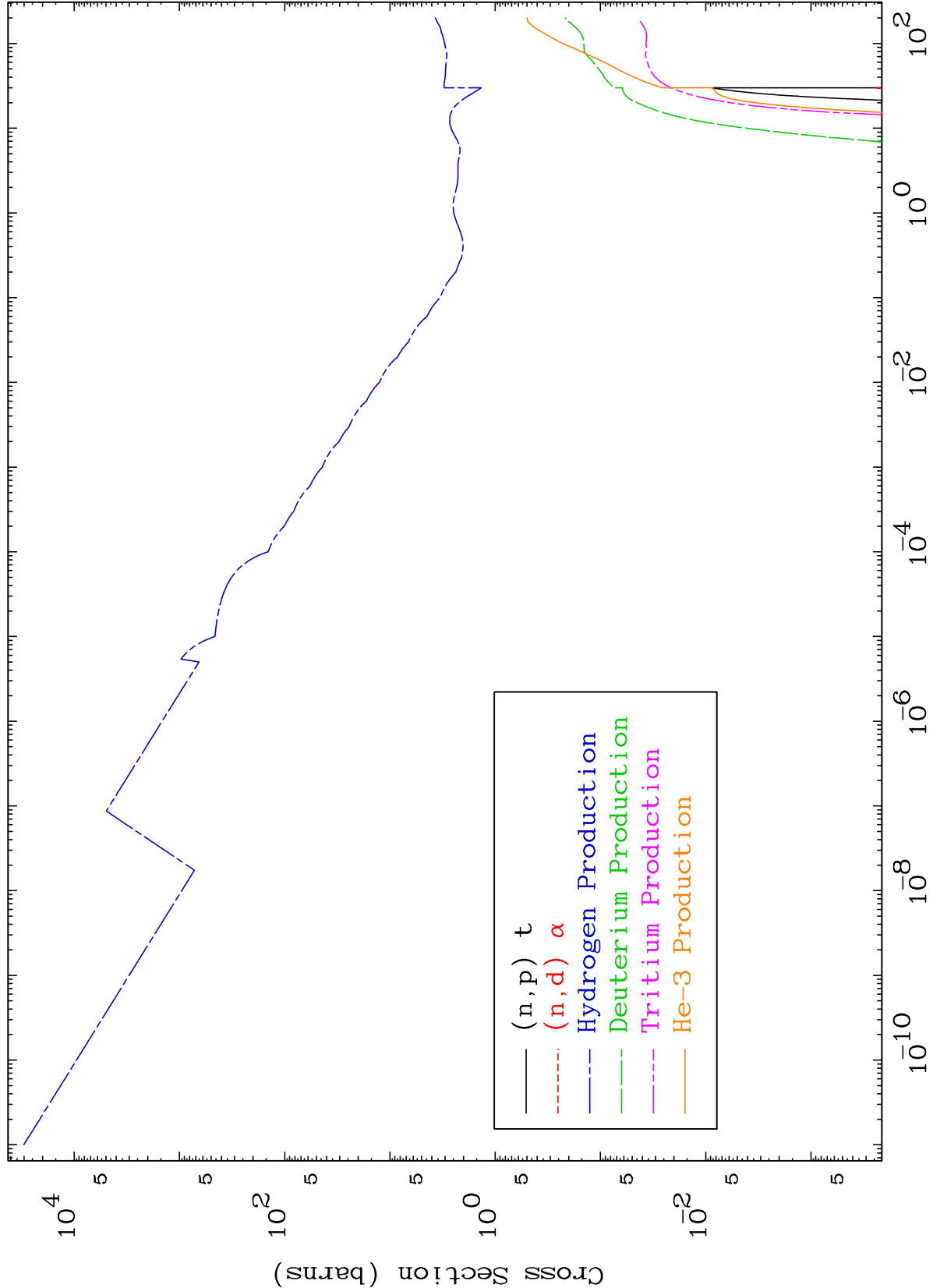


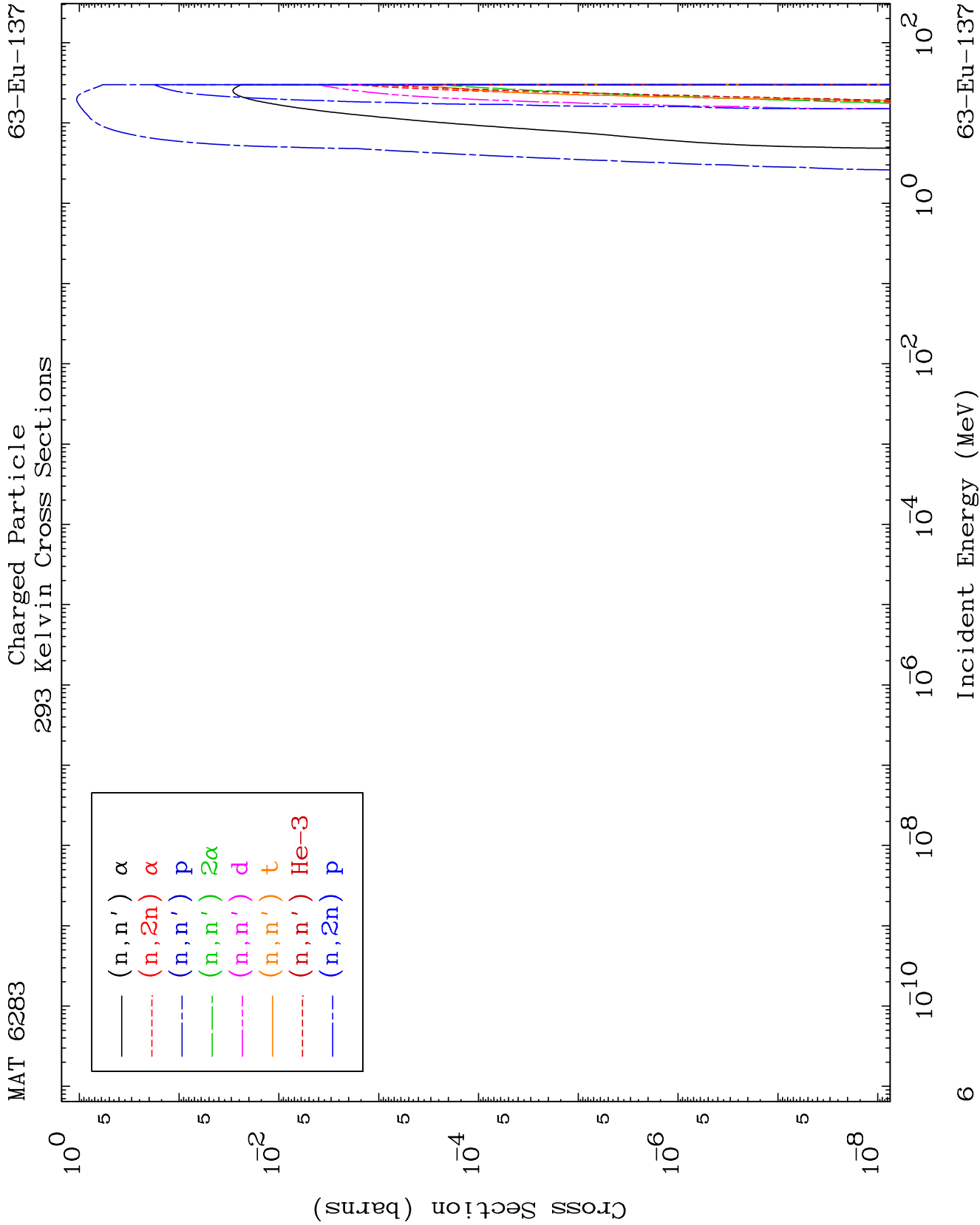
MAT 6283

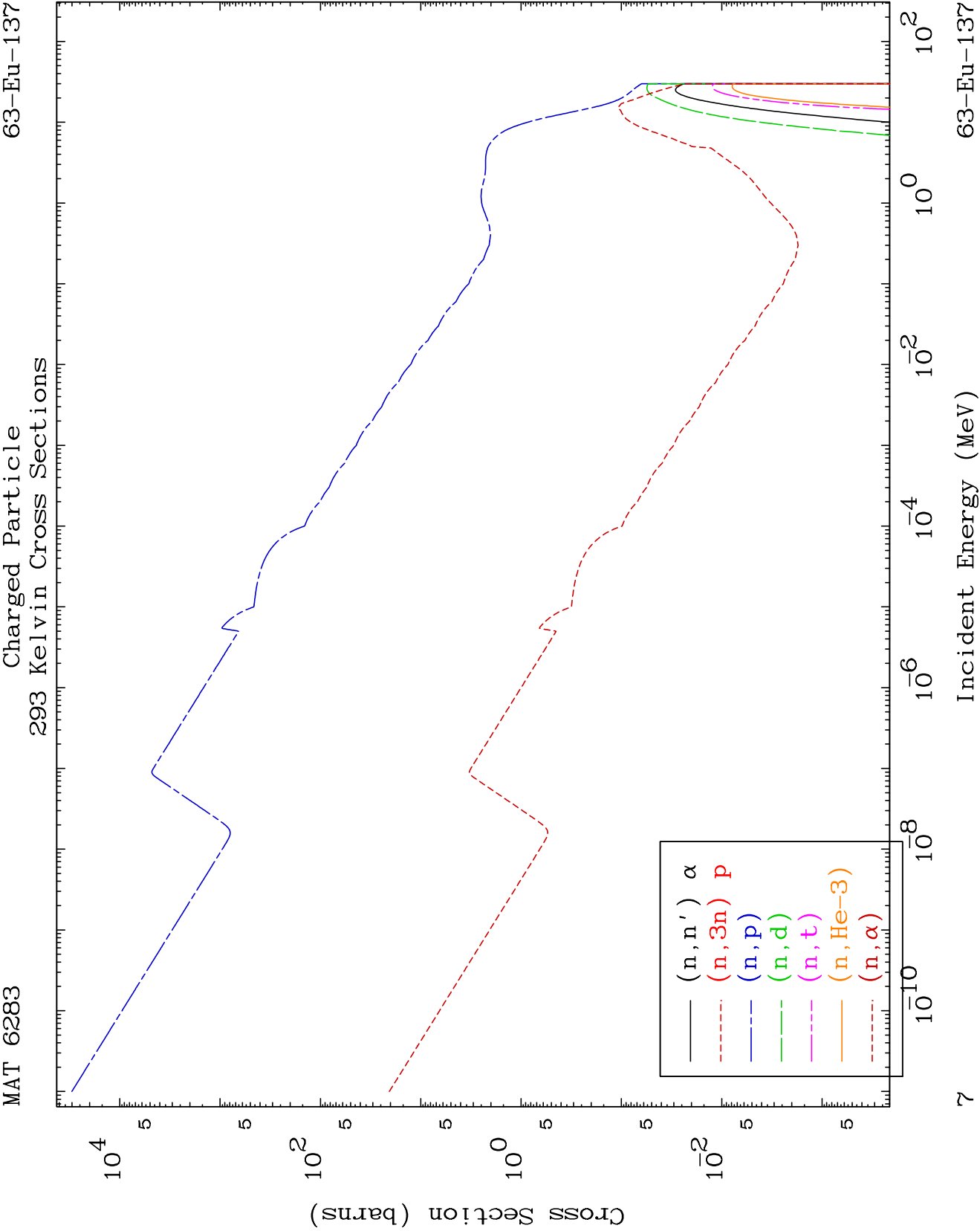
Neutron Absorption
293 Kelvin Cross Sections

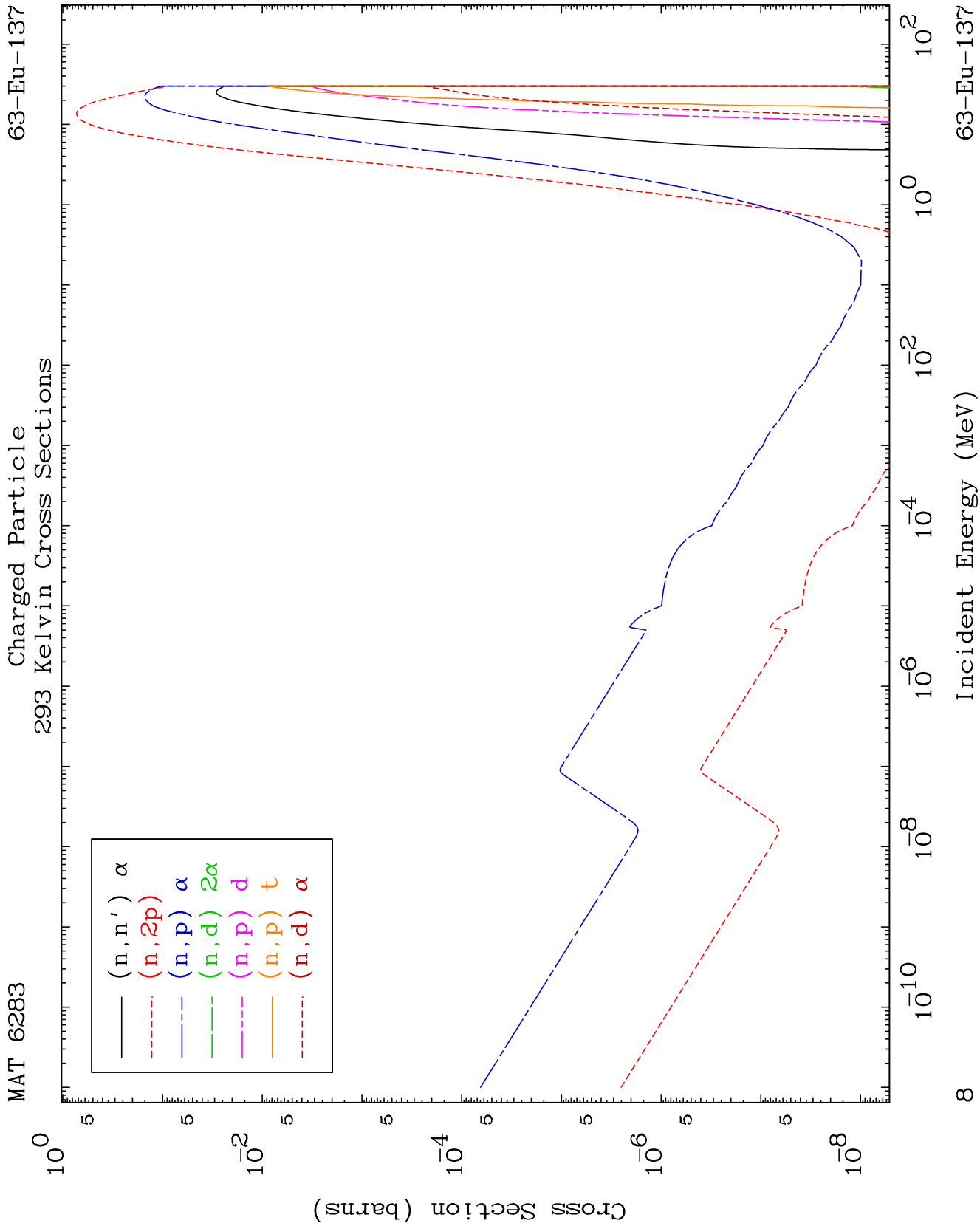
63-Eu-137

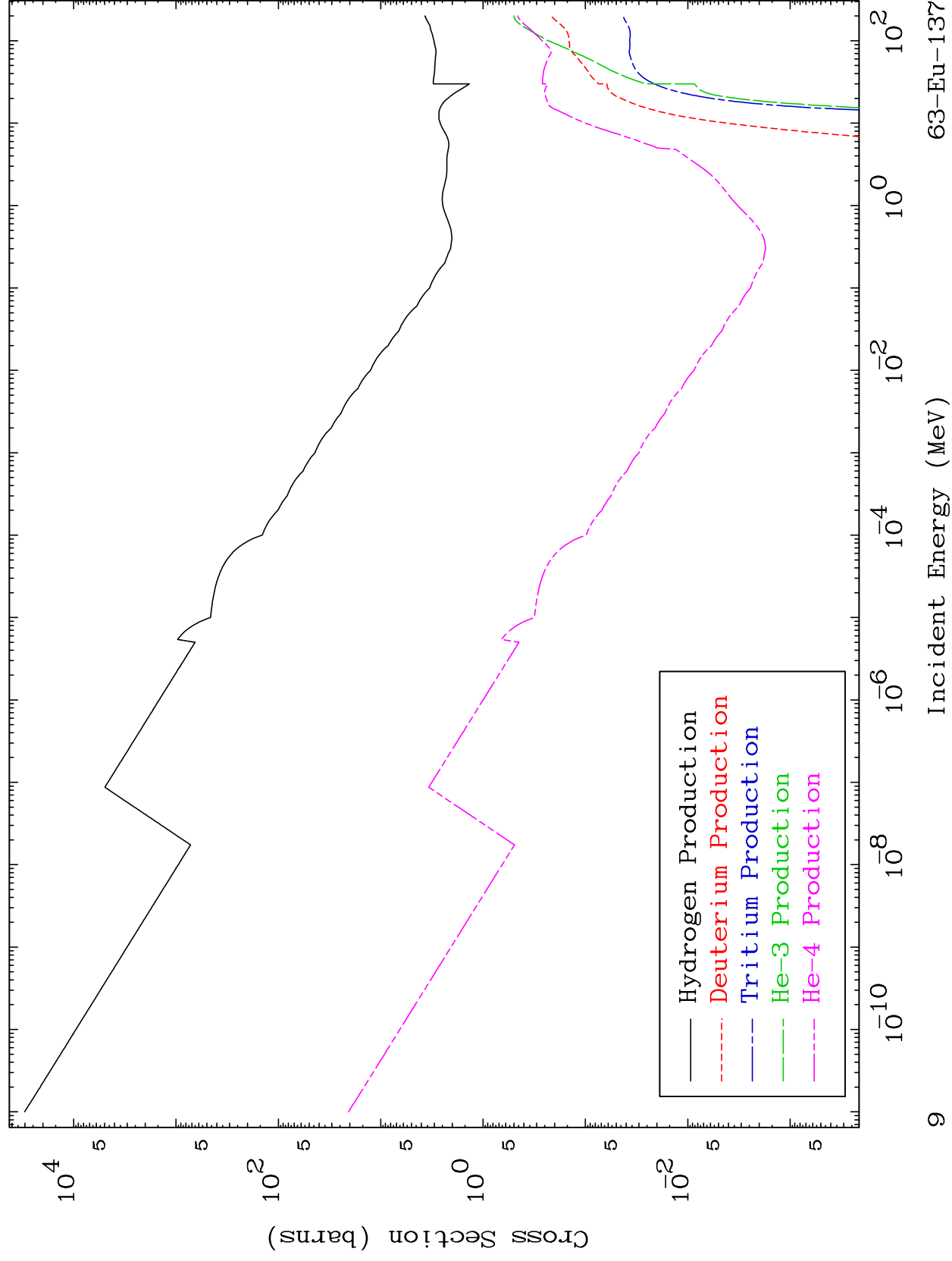


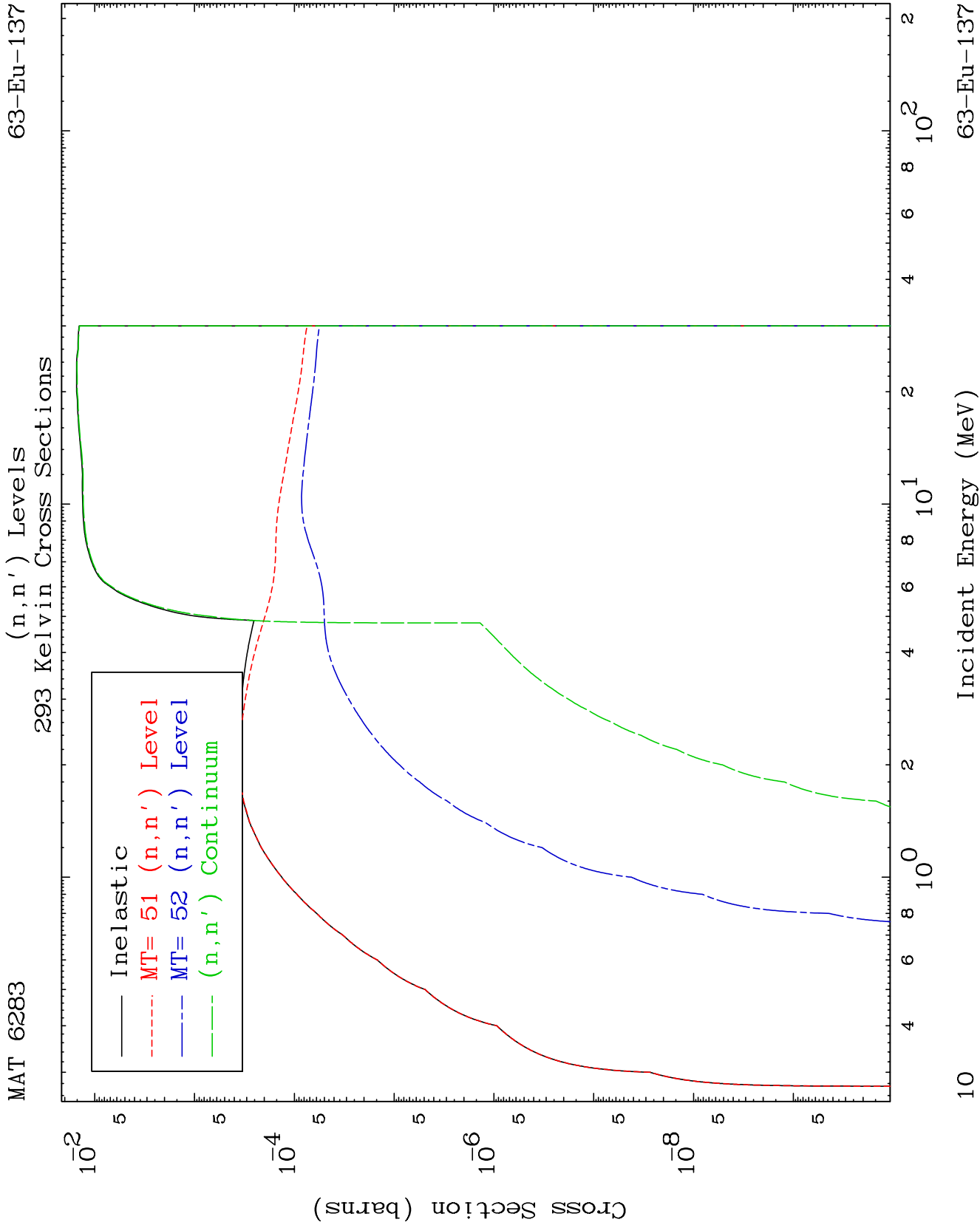


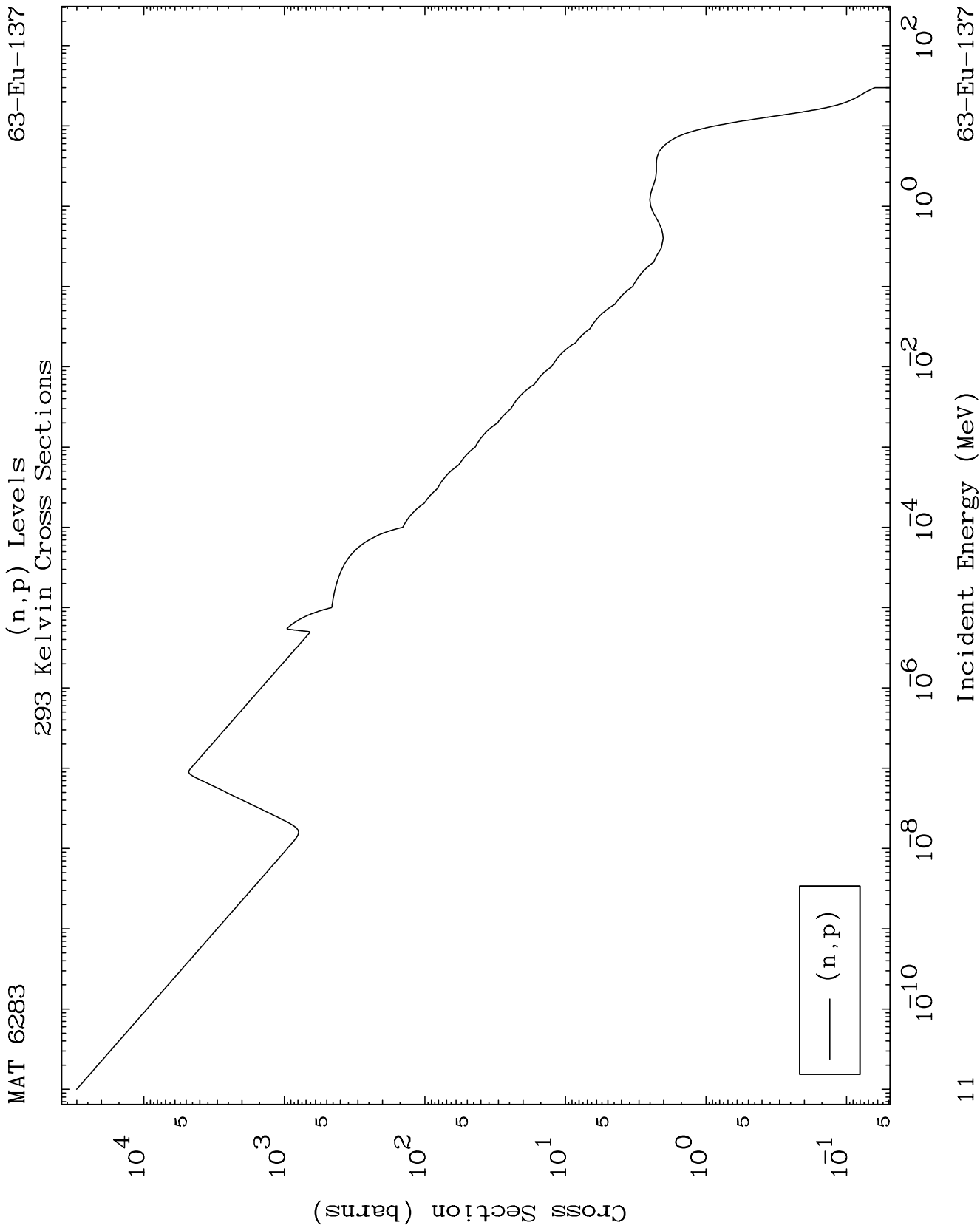








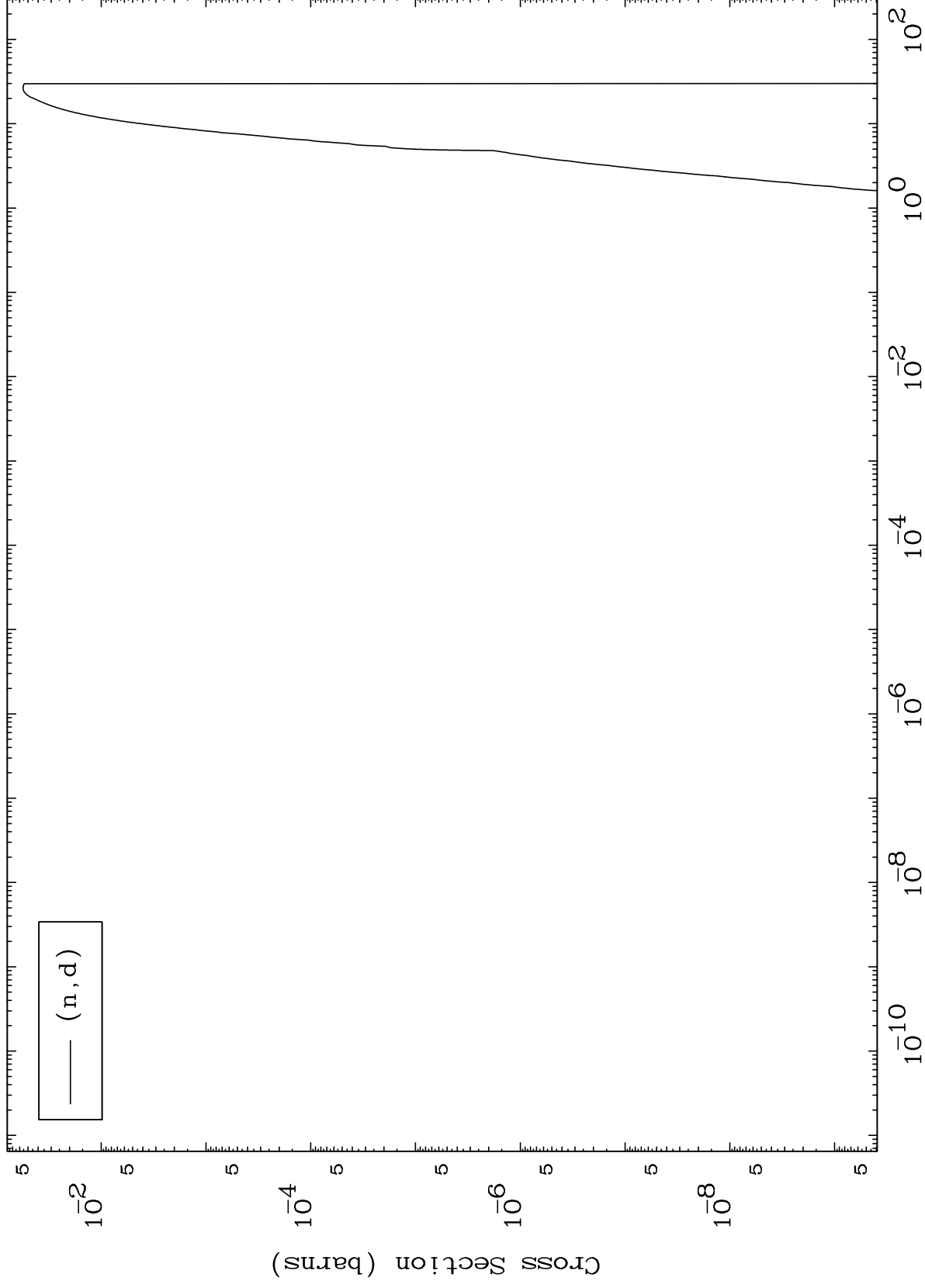




MAT 6283

(n,d) Levels
293 Kelvin Cross Sections

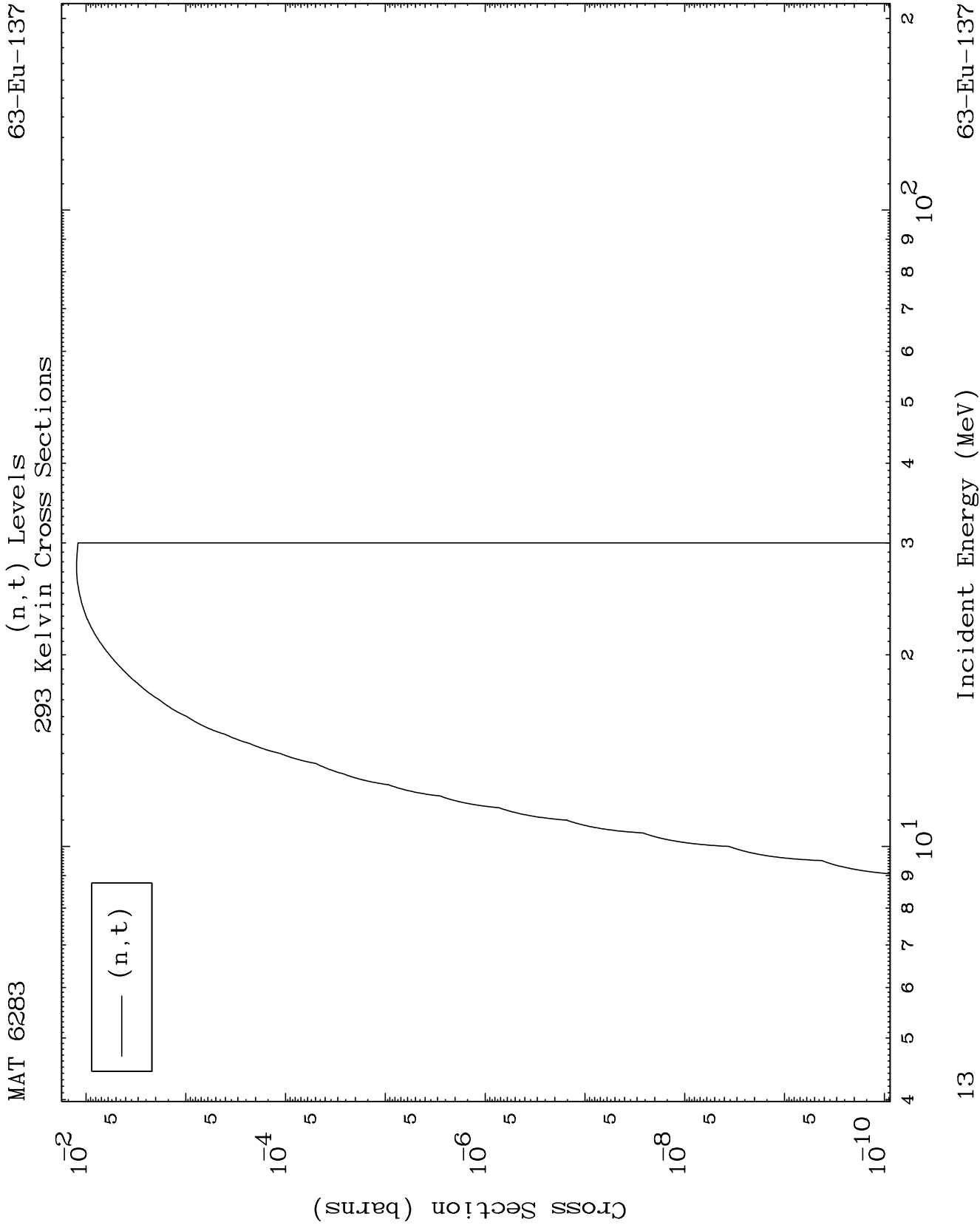
63-Eu-137

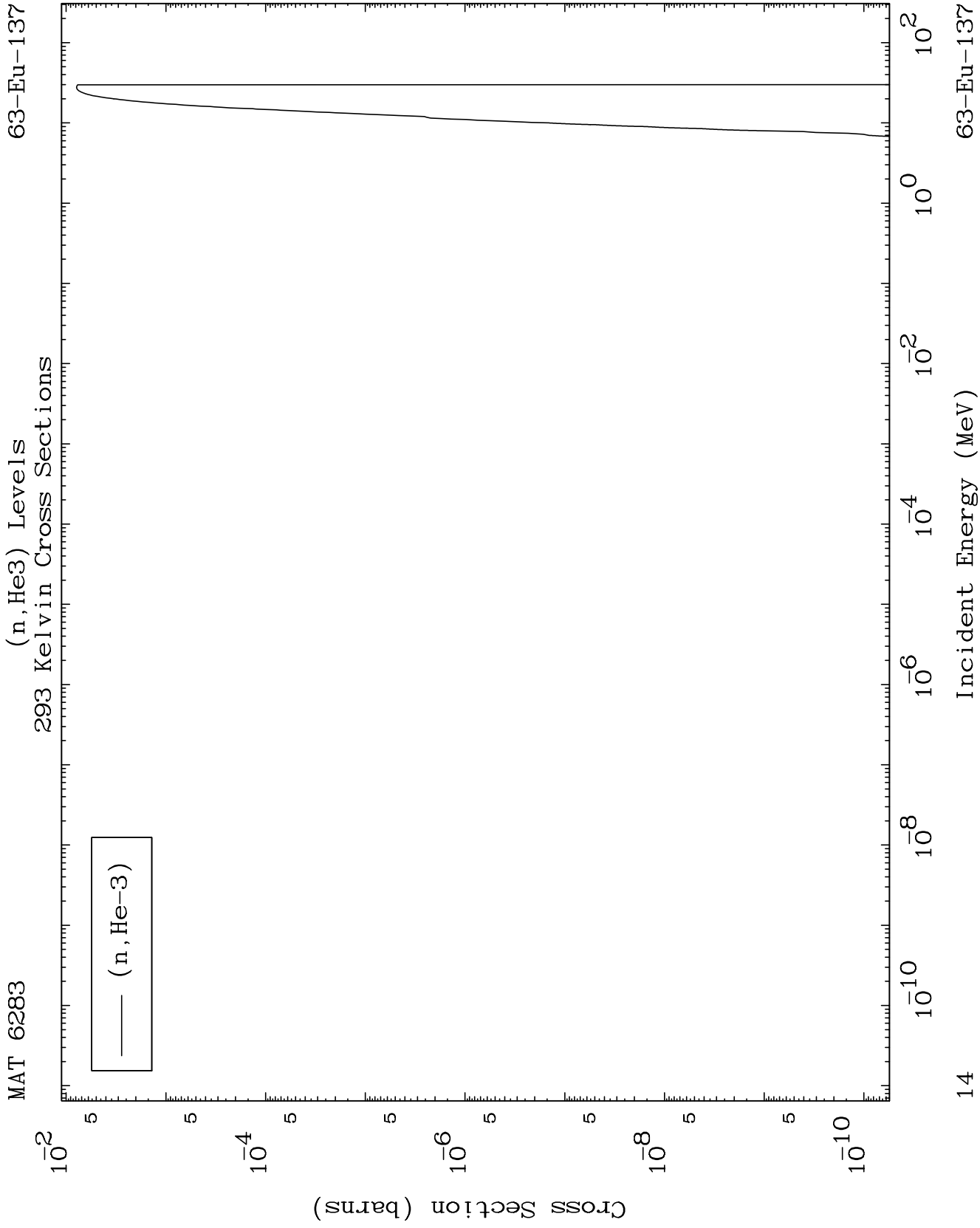


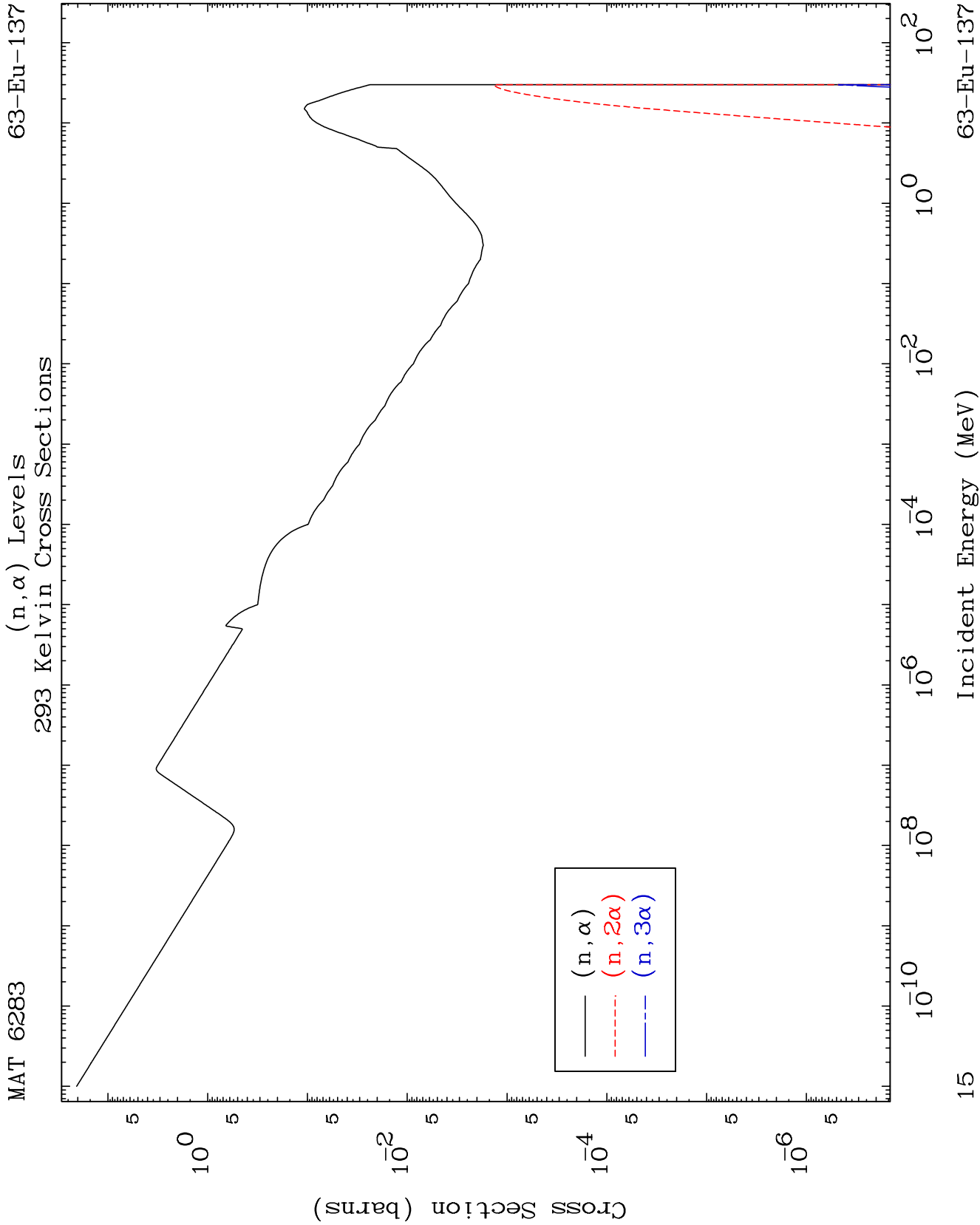
12

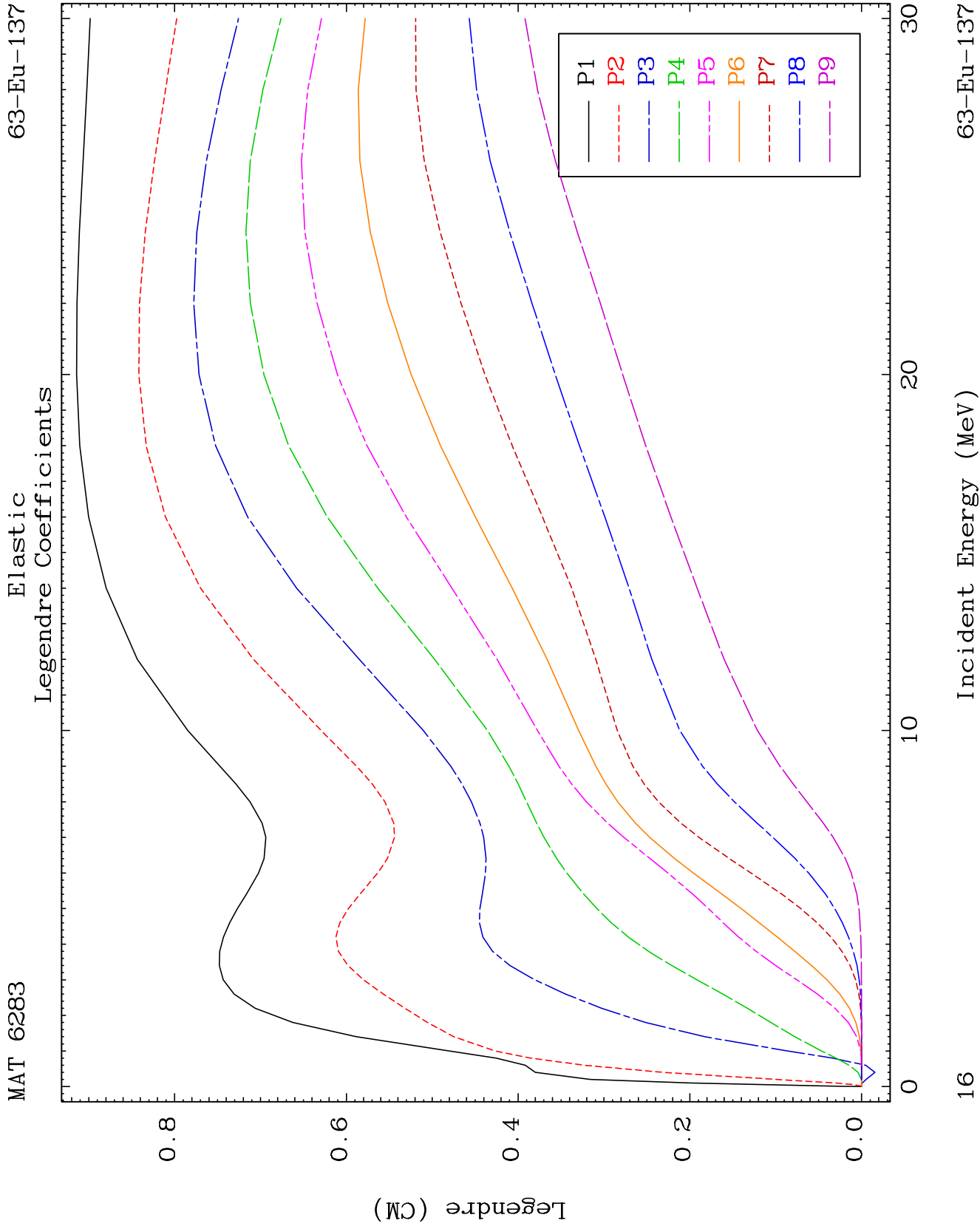
Incident Energy (MeV)

63-Eu-137





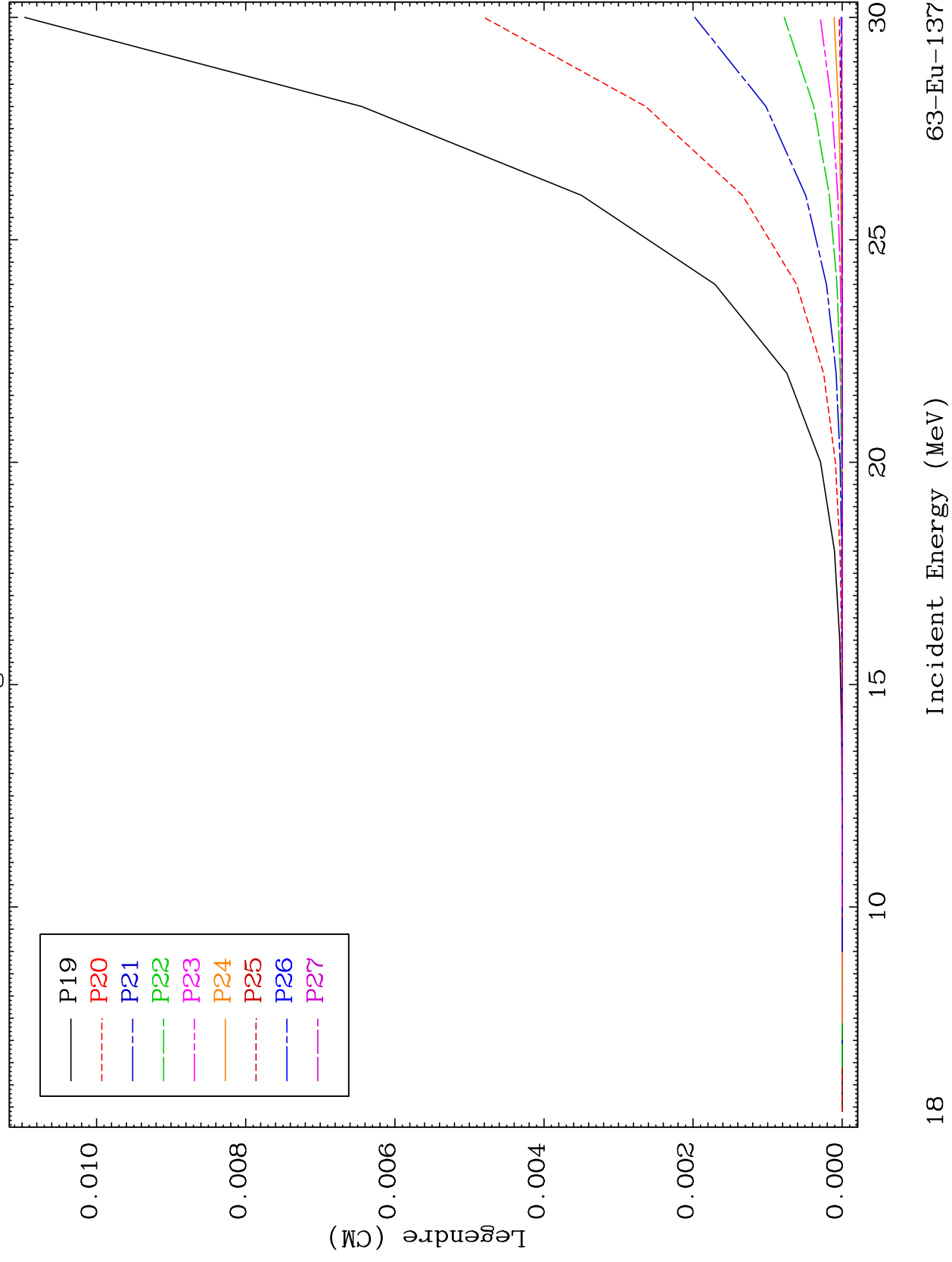


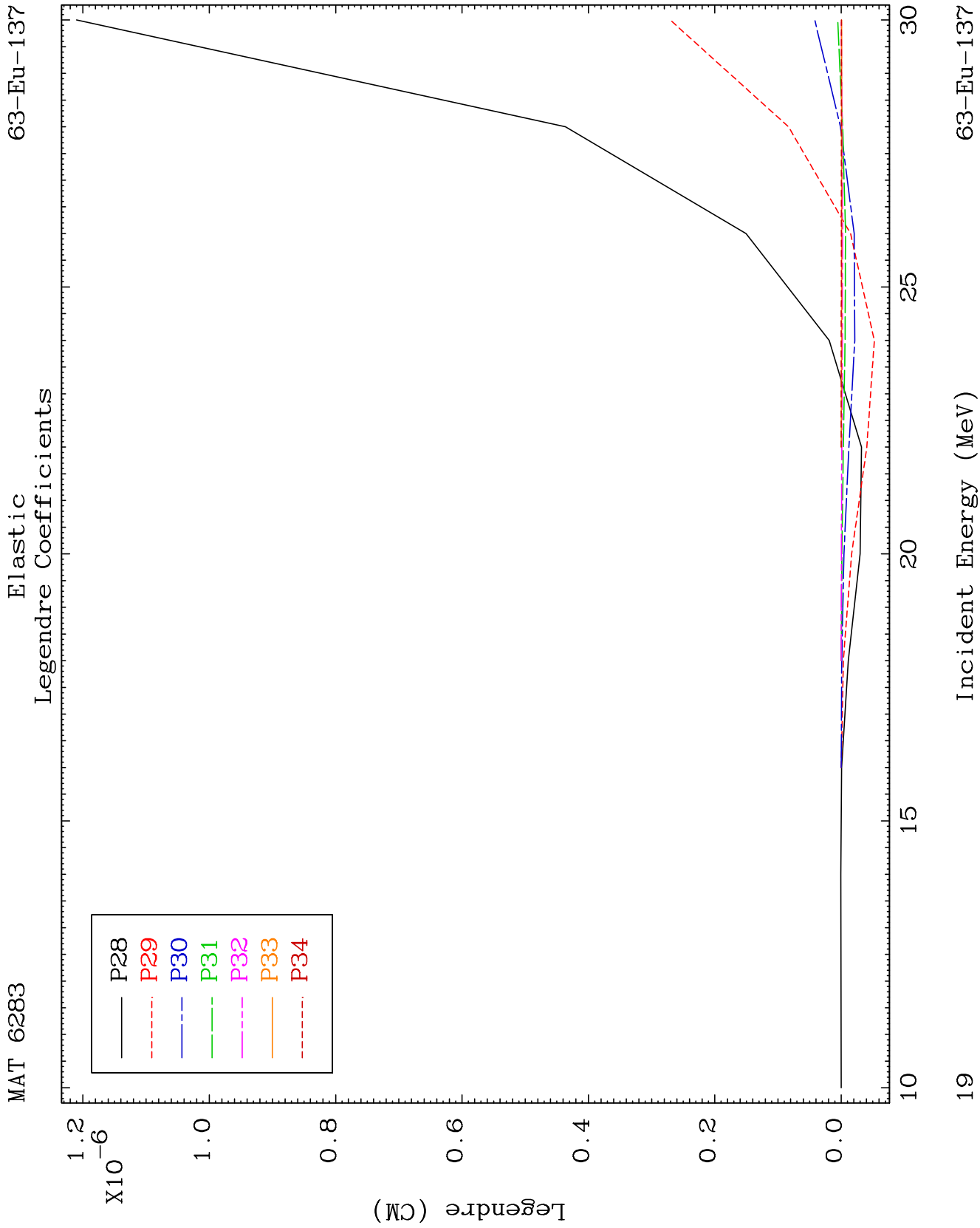


MAT 6283

Elastic Legendre Coefficients

63-Eu-137

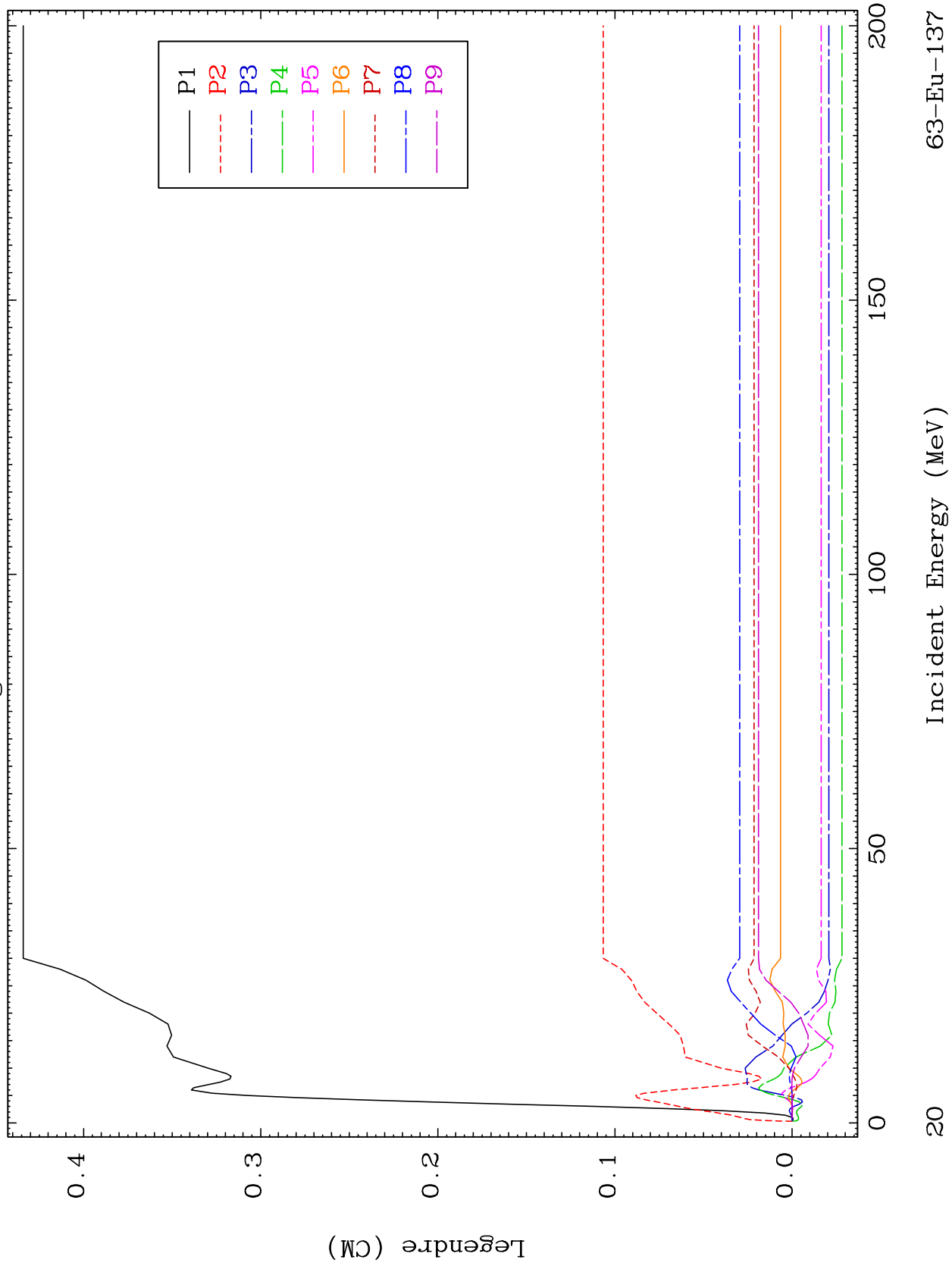


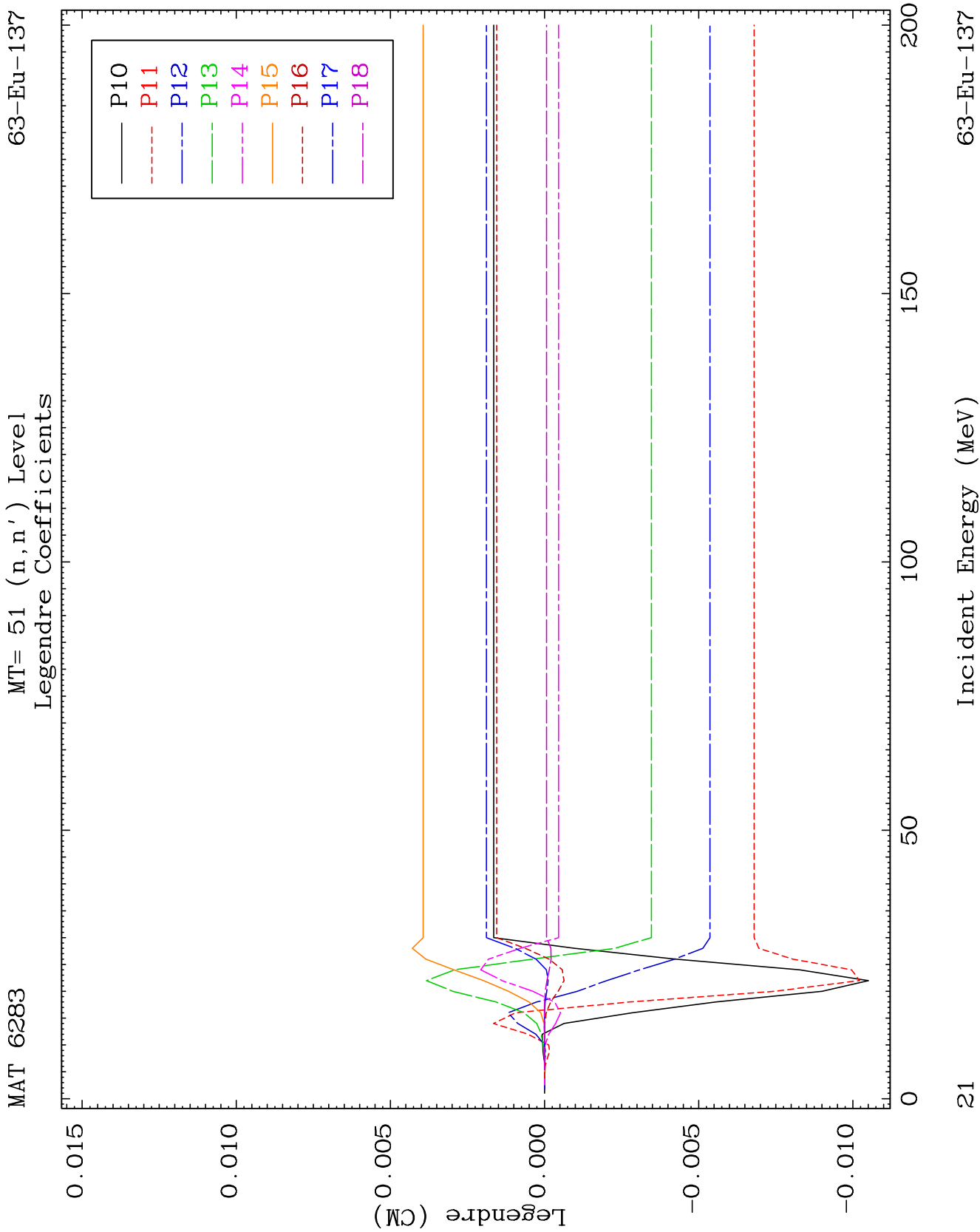


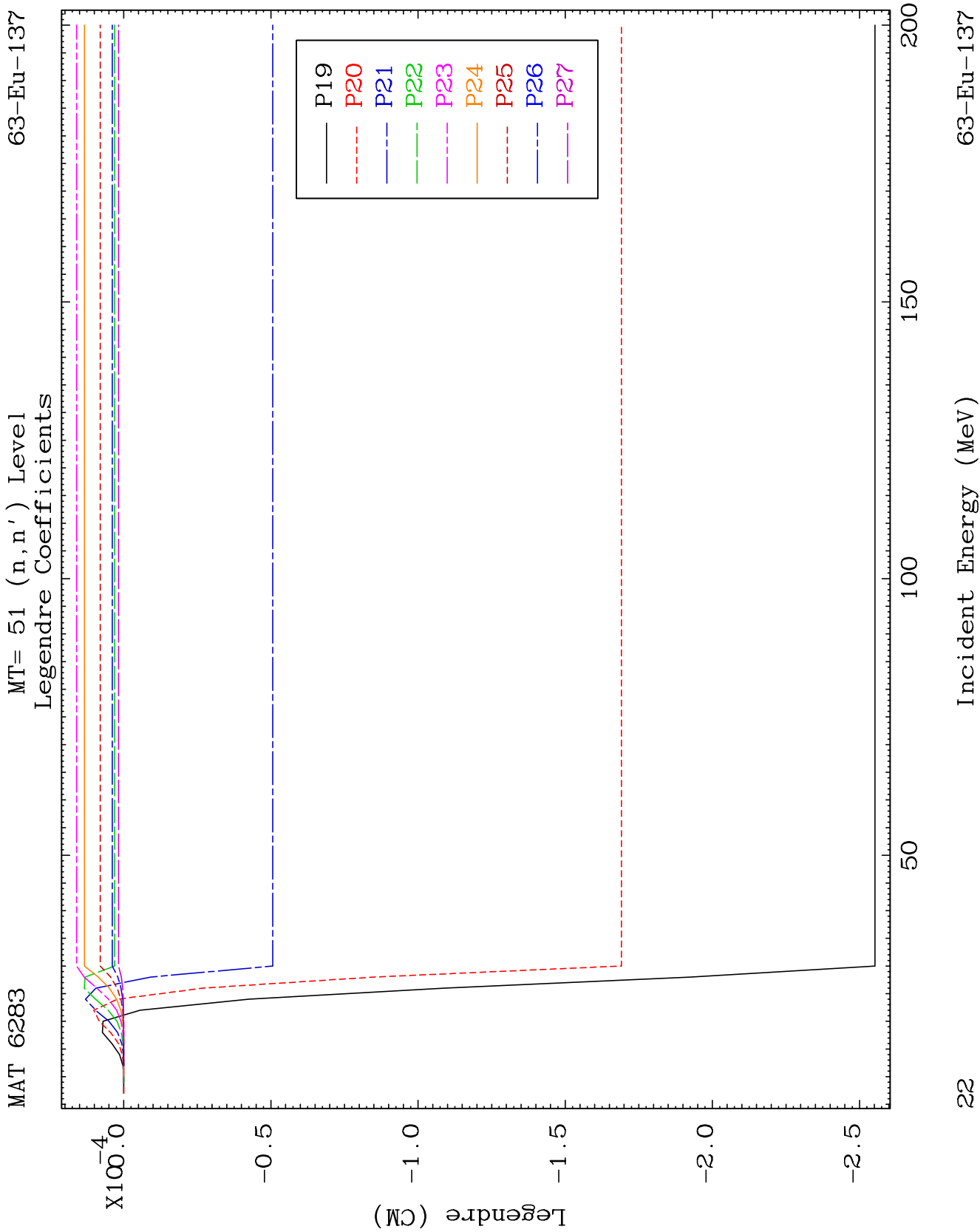
MAT 6283

MT= 51 (n, n') Level
Legendre Coefficients

63-Eu-137



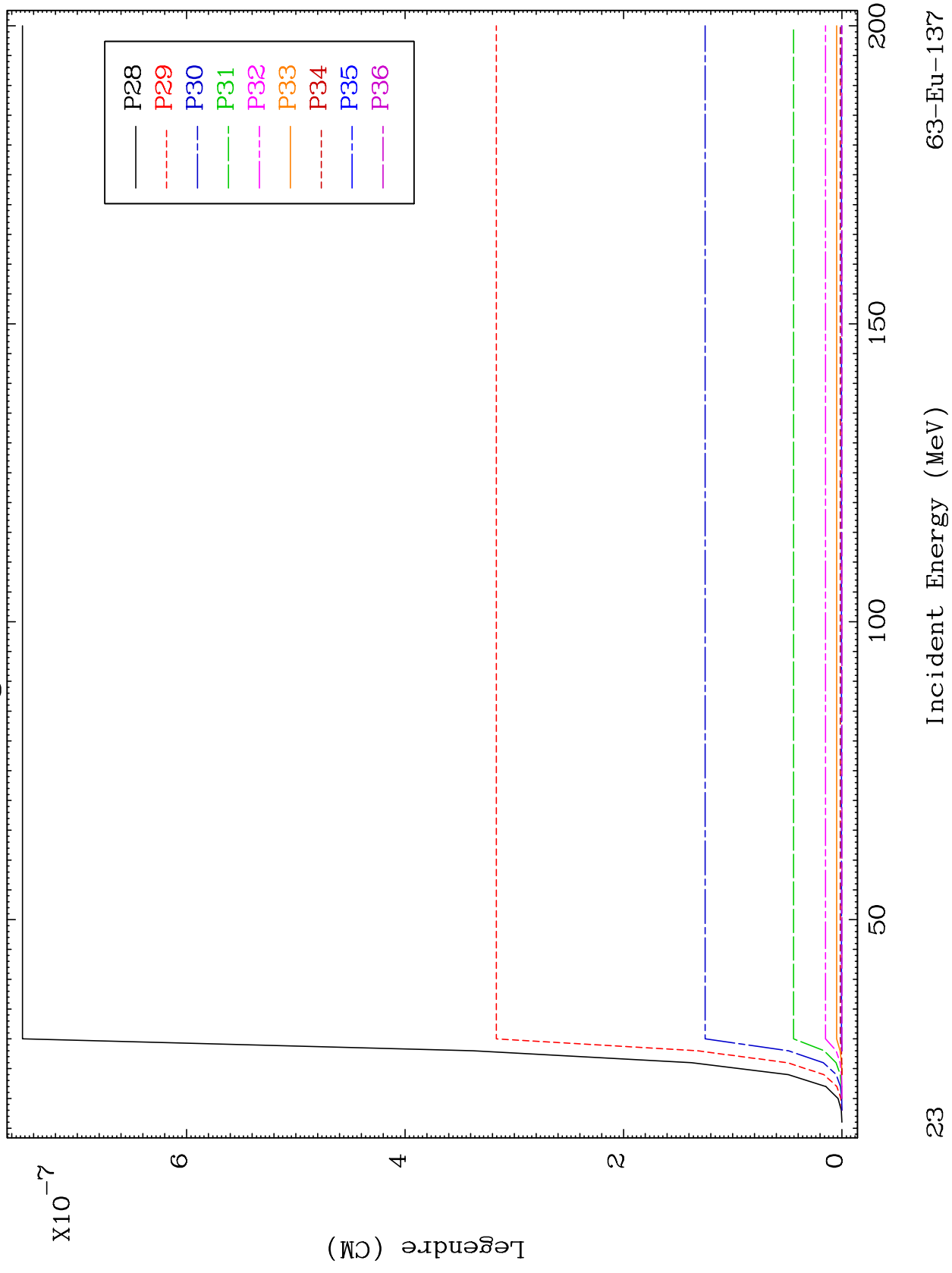


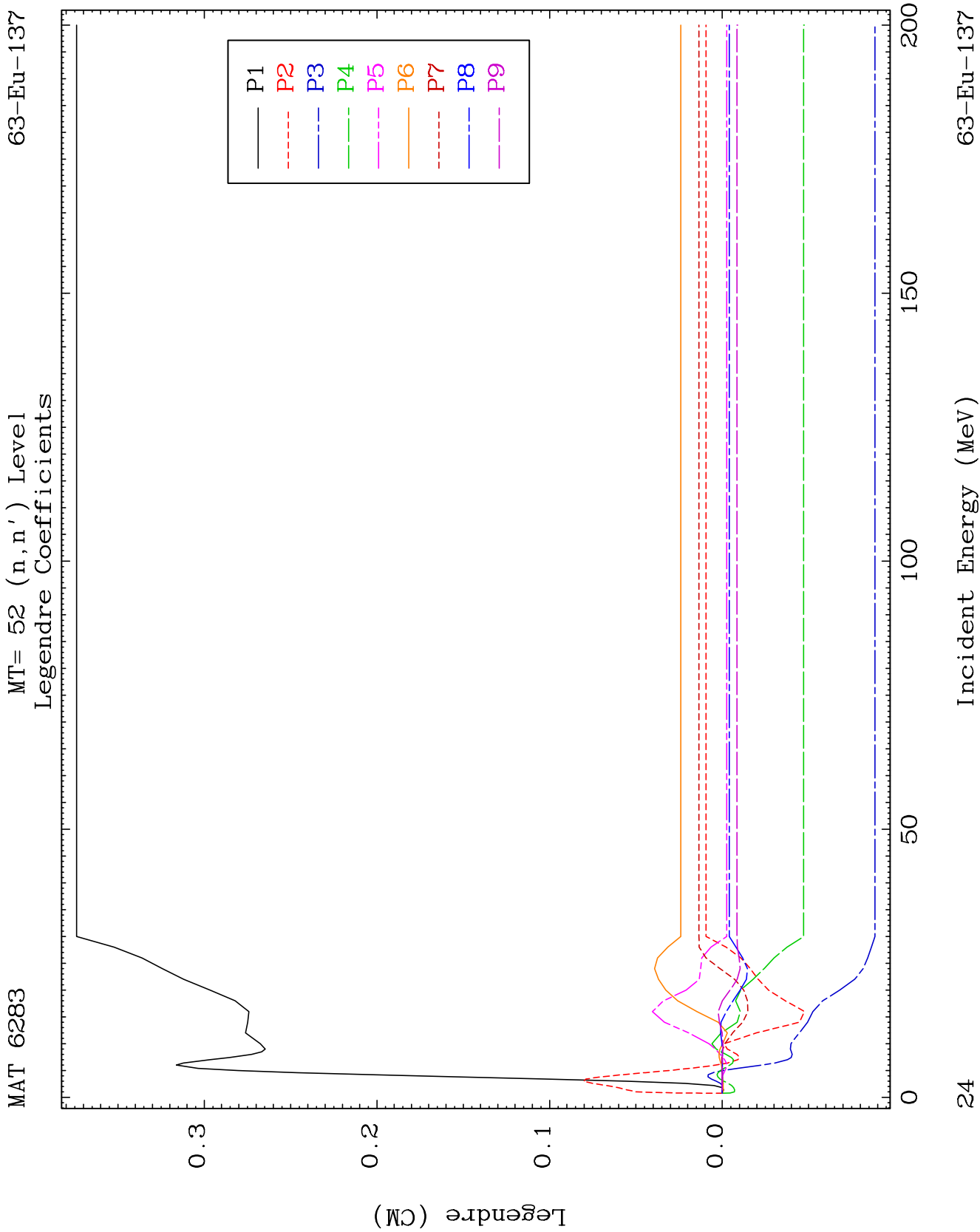


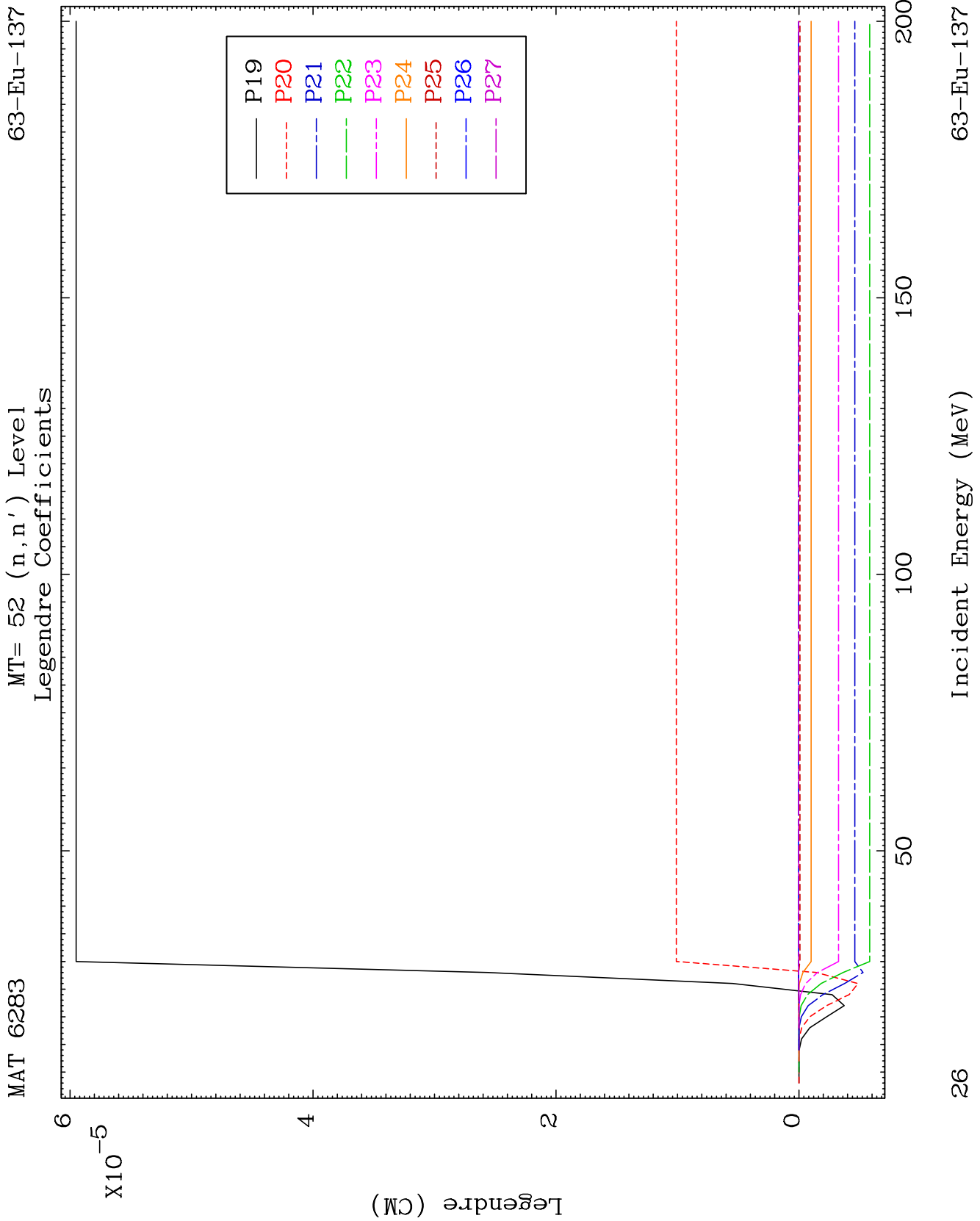
MAT 6283

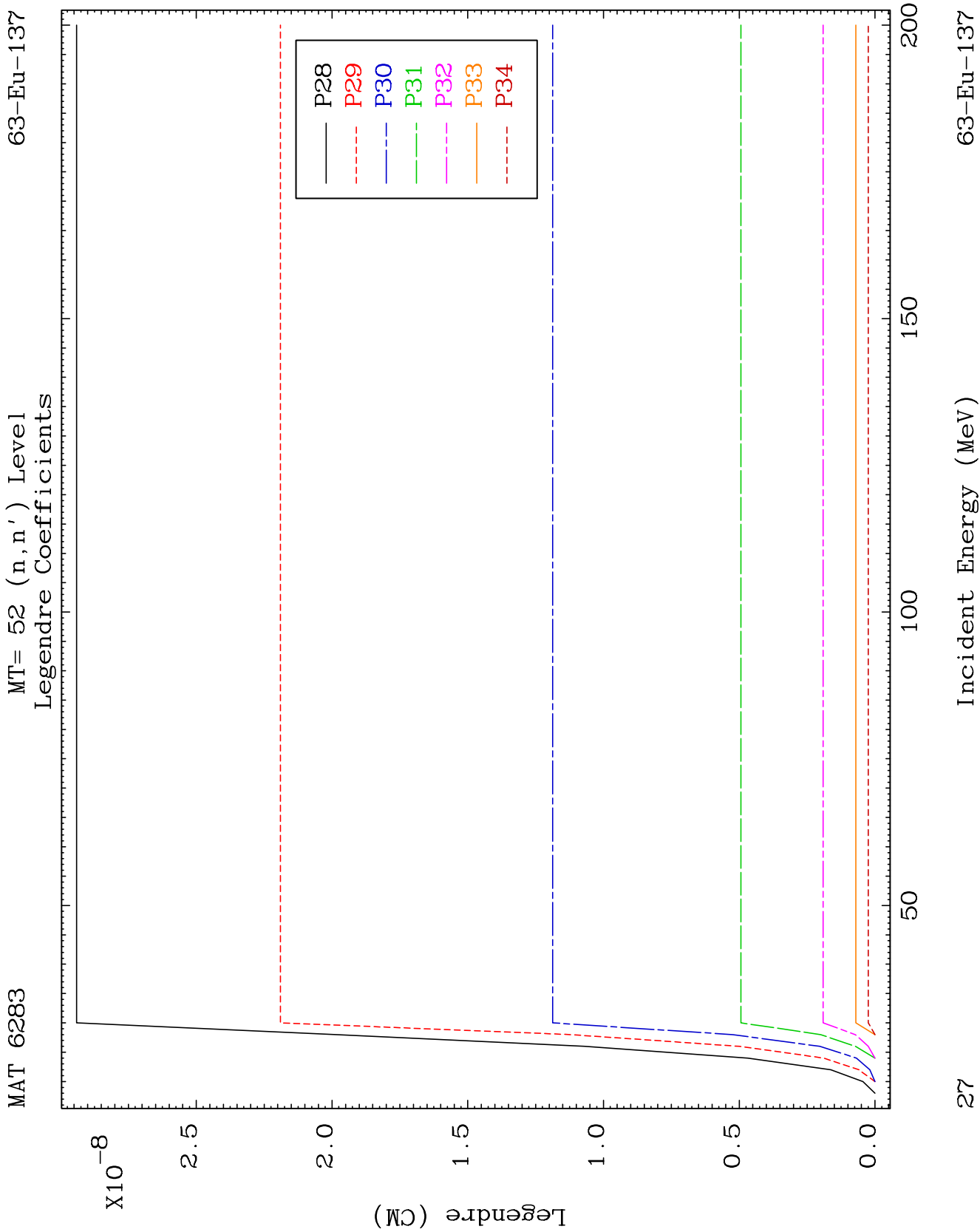
MT= 51 (n, n') Level
Legendre Coefficients

63-Eu-137

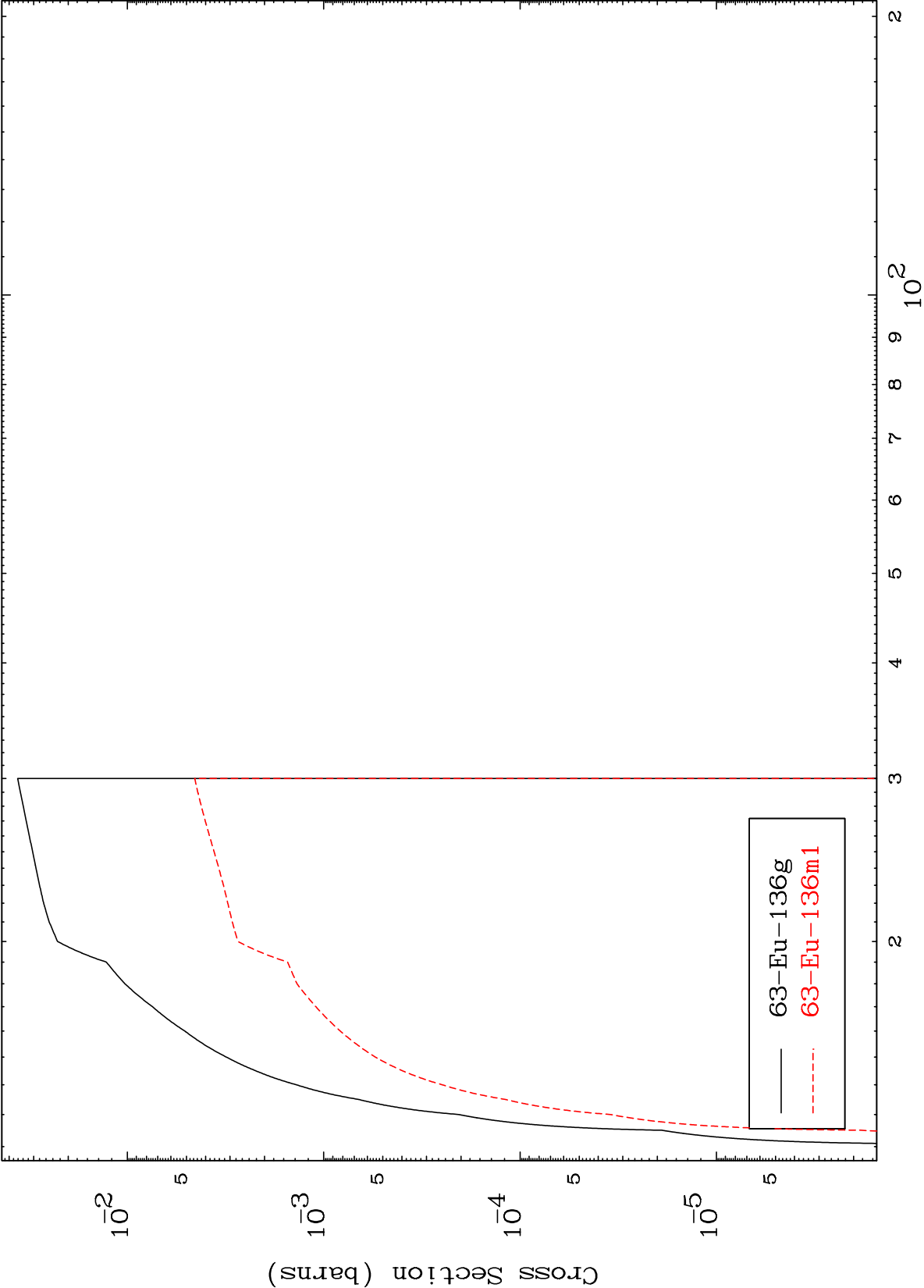








(n,2n)
Radionuclide Production Cross Section

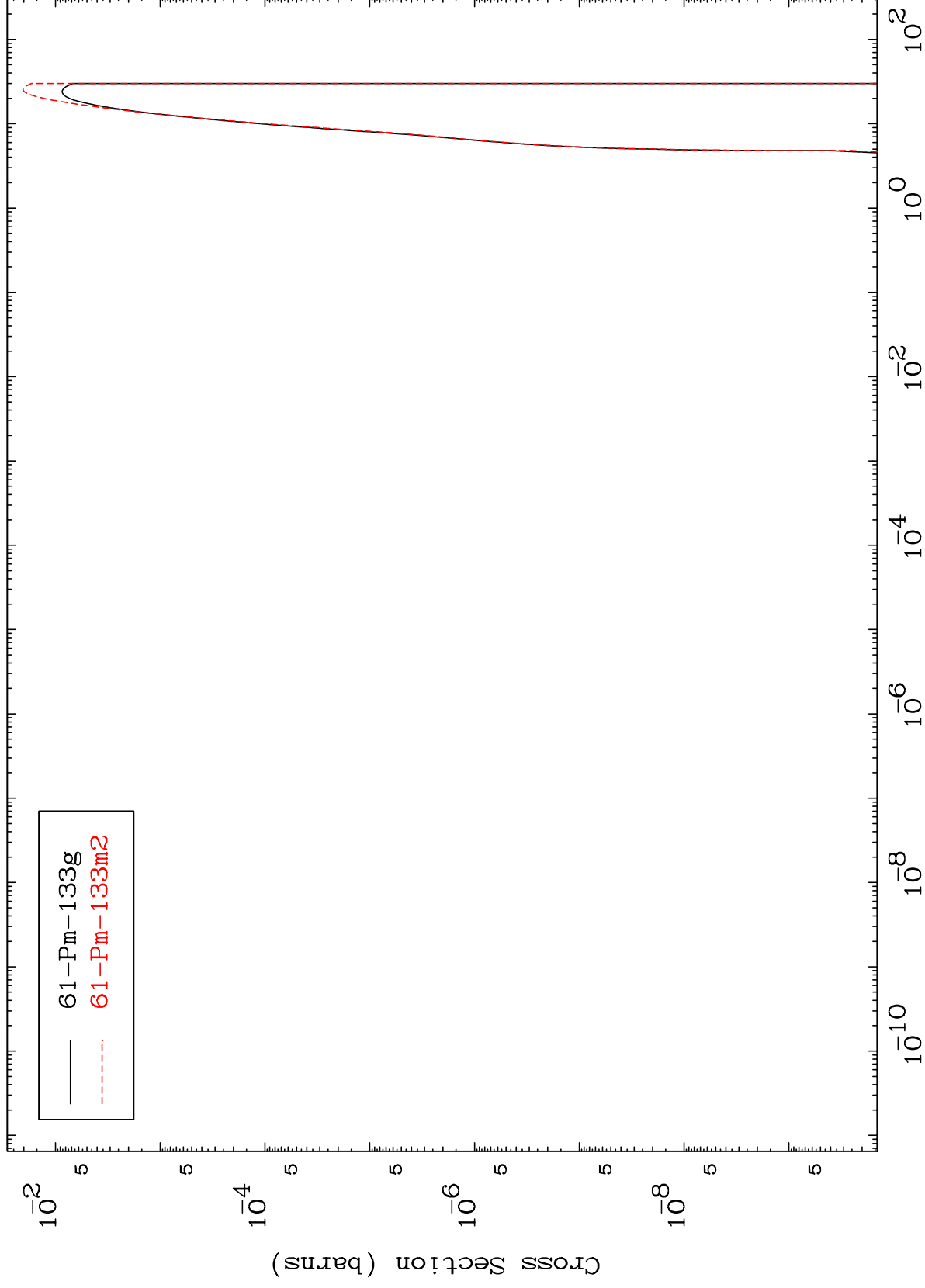


MAT 6283

$(n,n') \alpha$

63-Eu-137

Radionuclide Production Cross Section



29

Incident Energy (MeV)

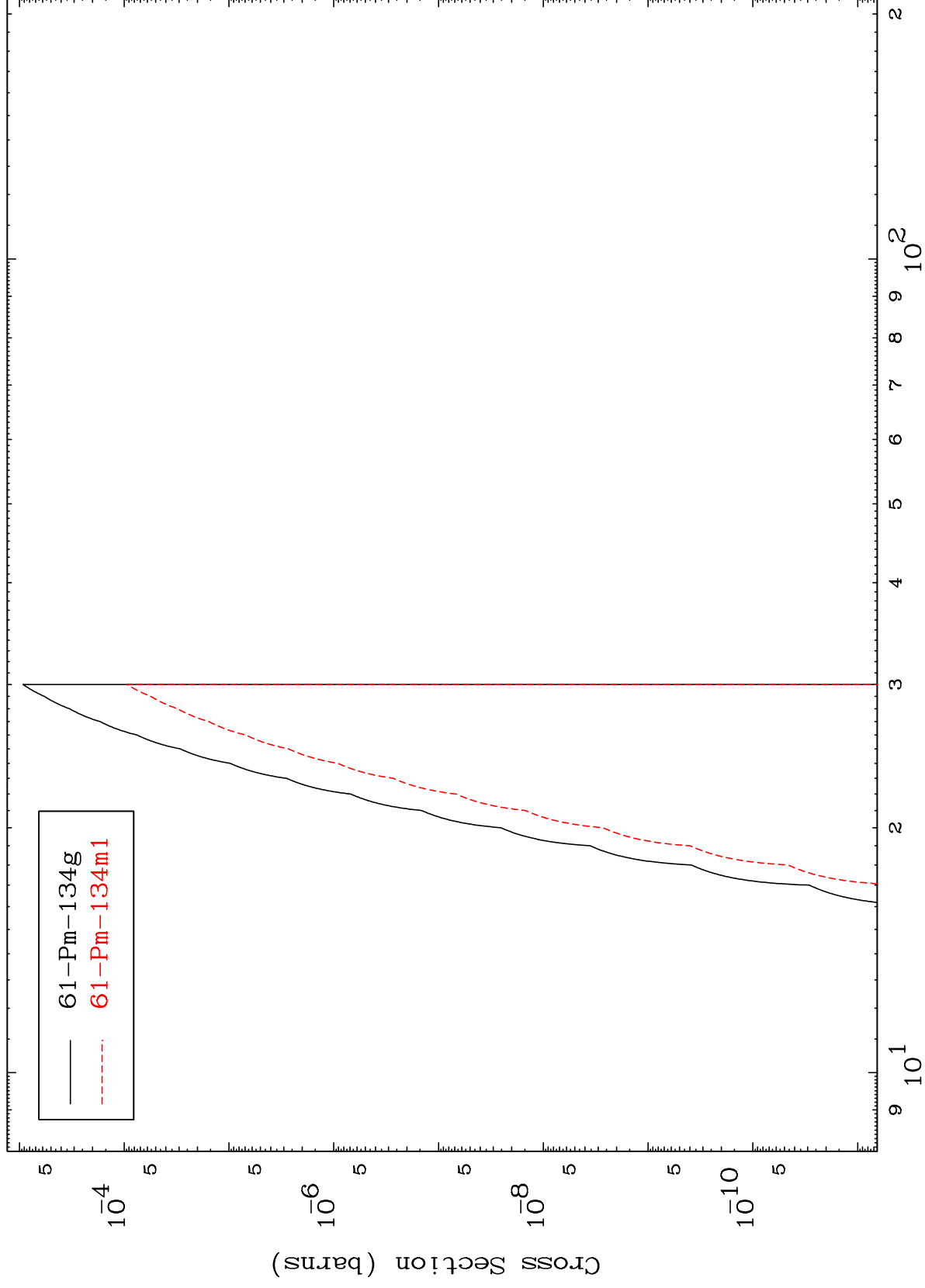
63-Eu-137

MAT 6283

(n,n') He-3

63-Eu-137

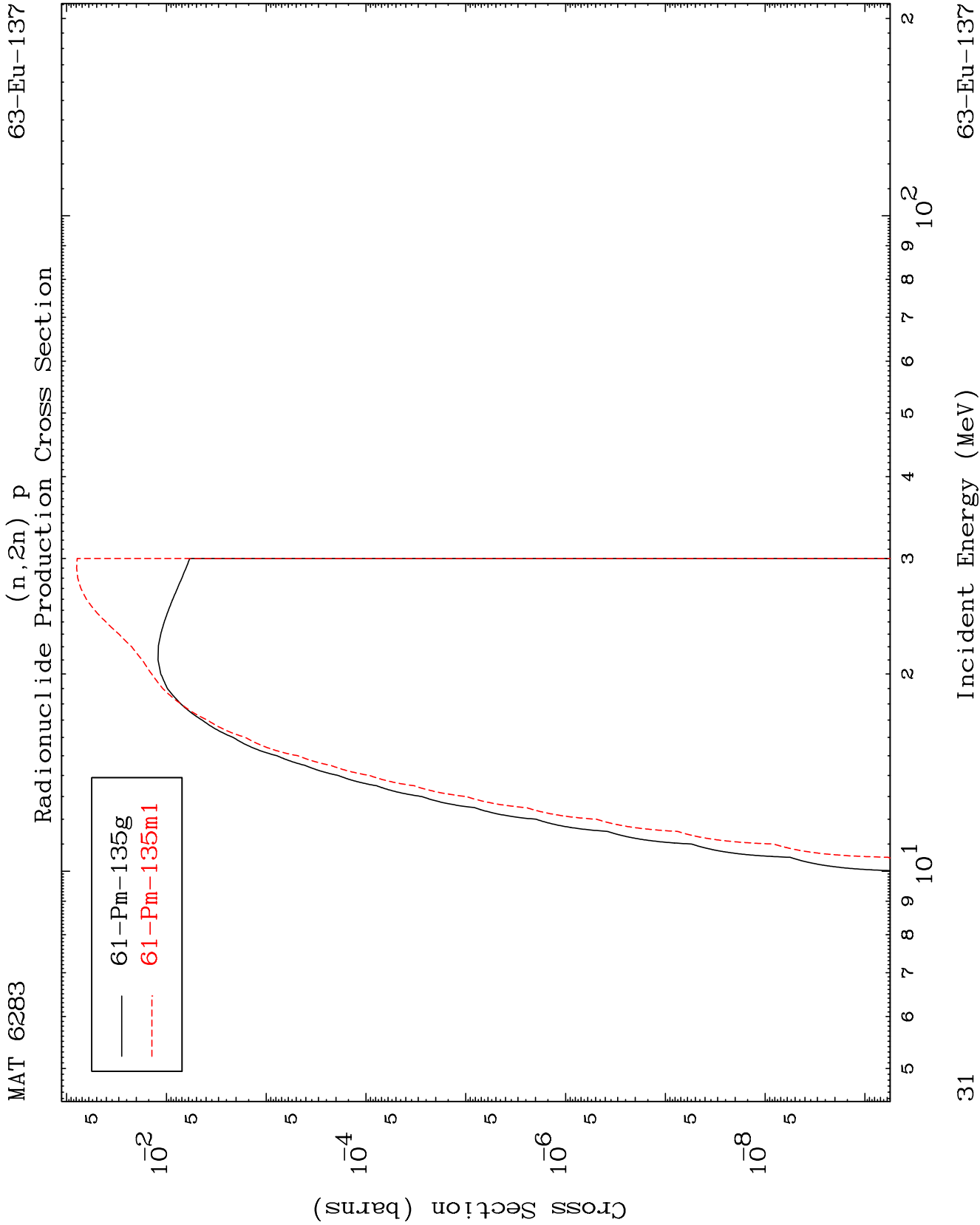
Radionuclide Production Cross Section

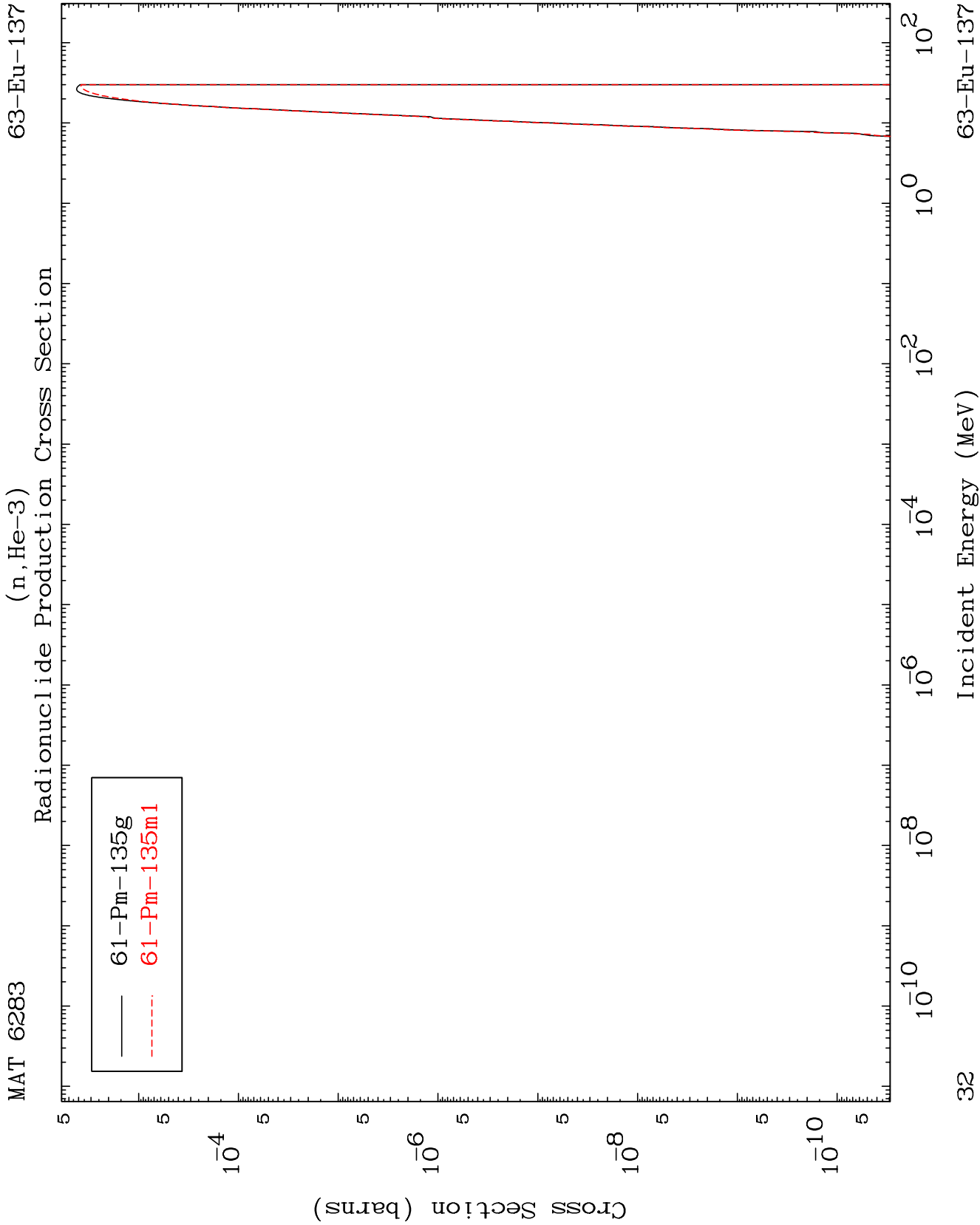


Incident Energy (MeV)

63-Eu-137

30

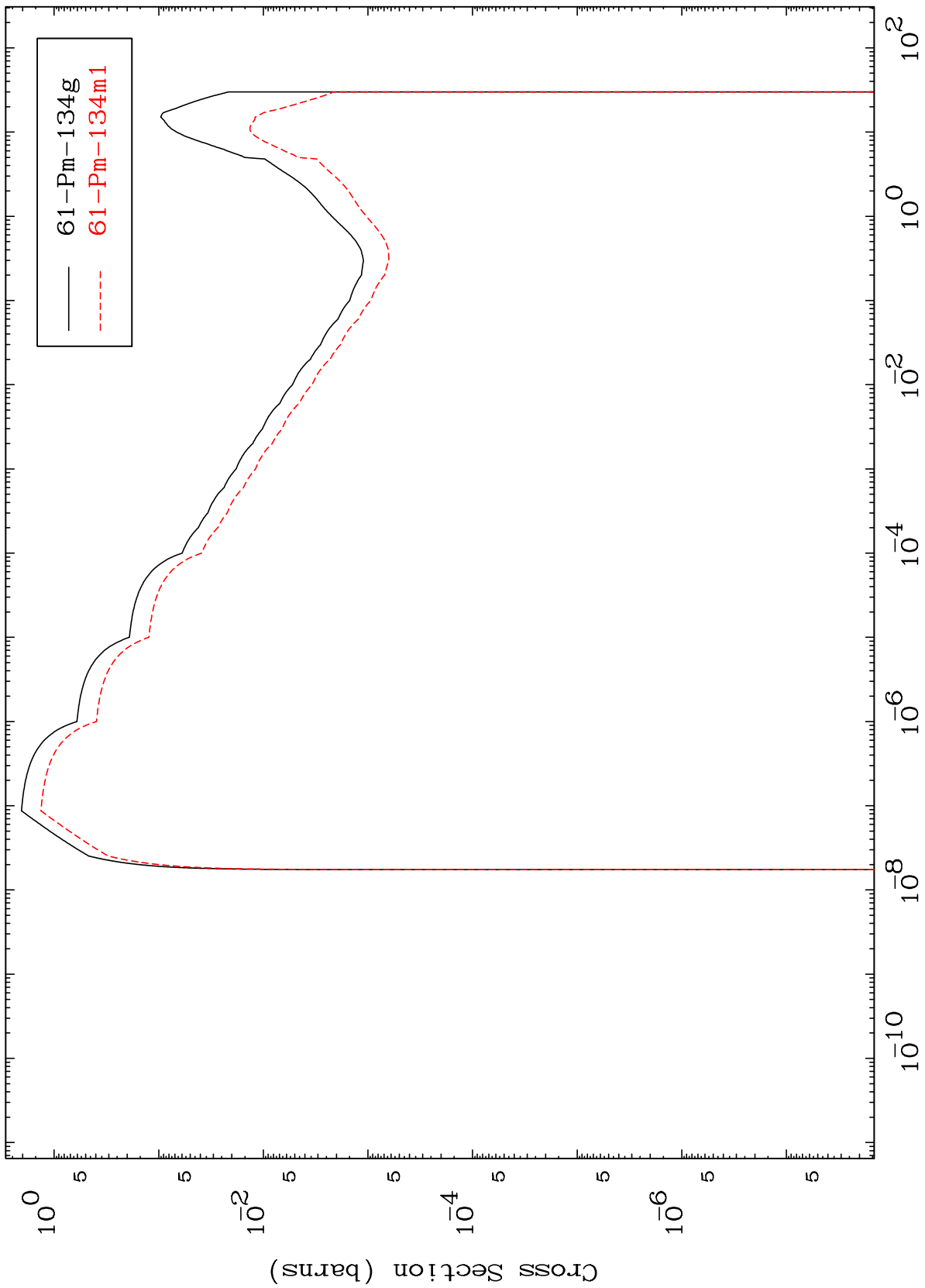




MAT 6283

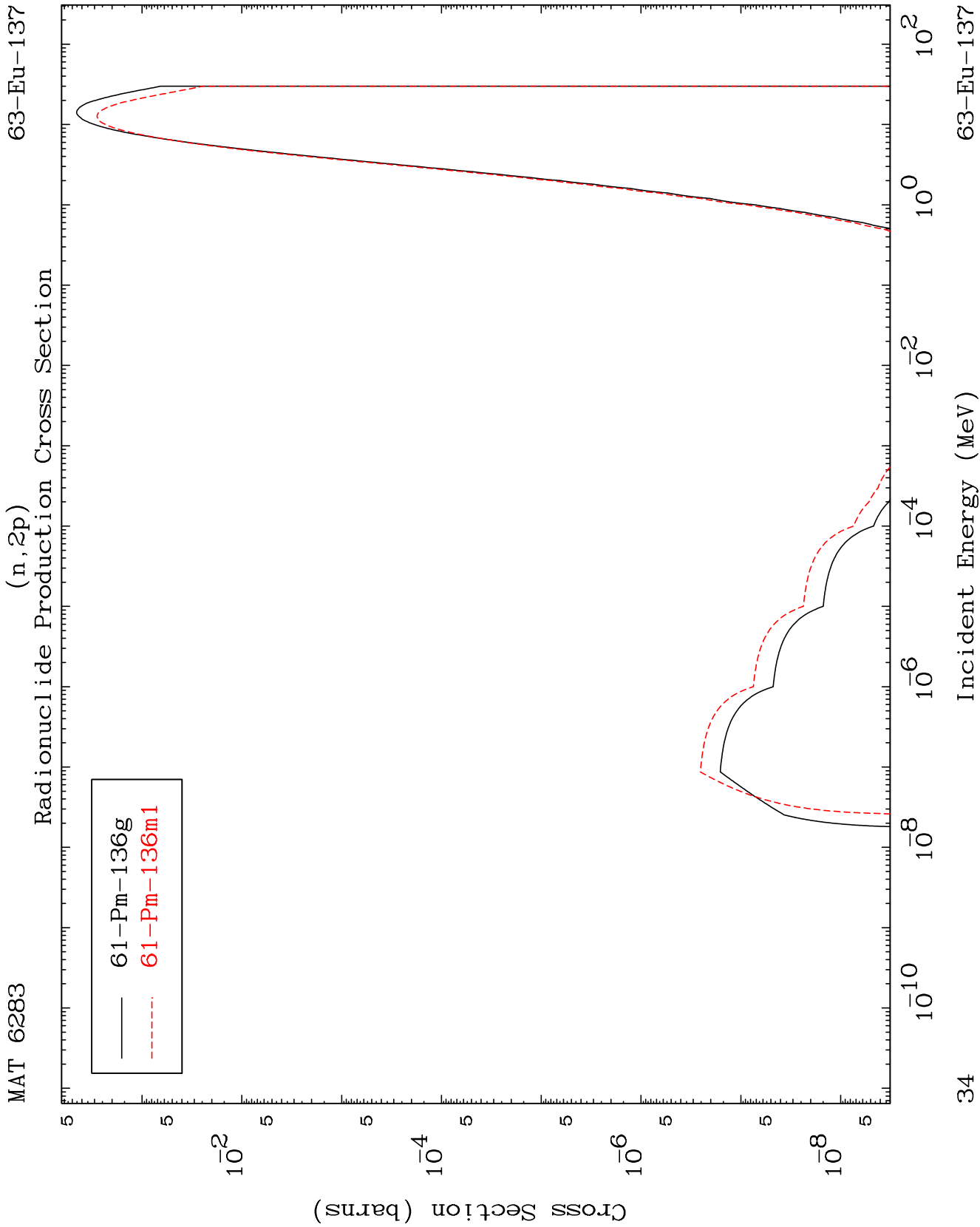
63-Eu-137

(n, α)
Radionuclide Production Cross Section



33

63-Eu-137

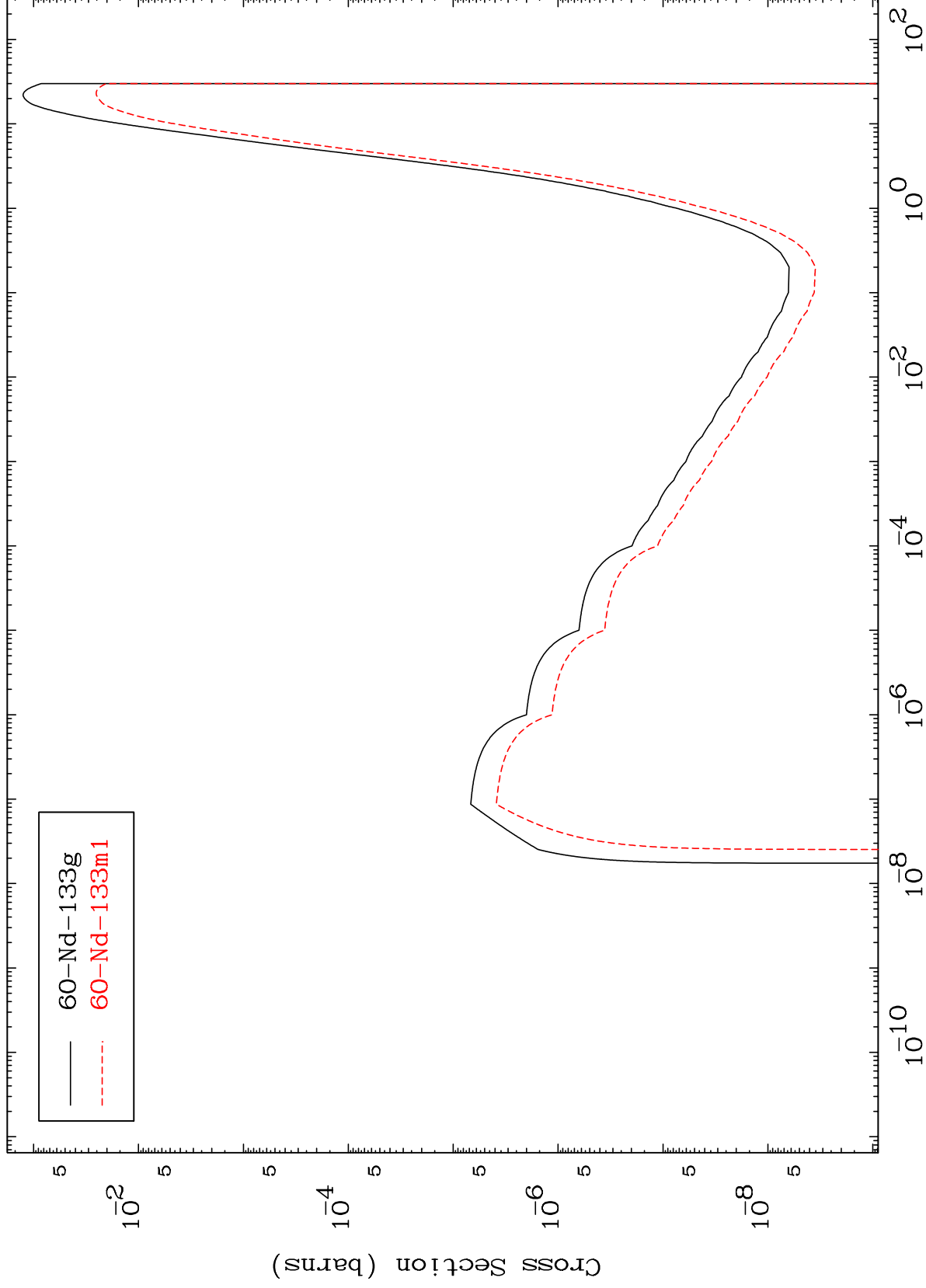


MAT 6283

(n,p) α

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

Radionuclide Production Cross Section



35

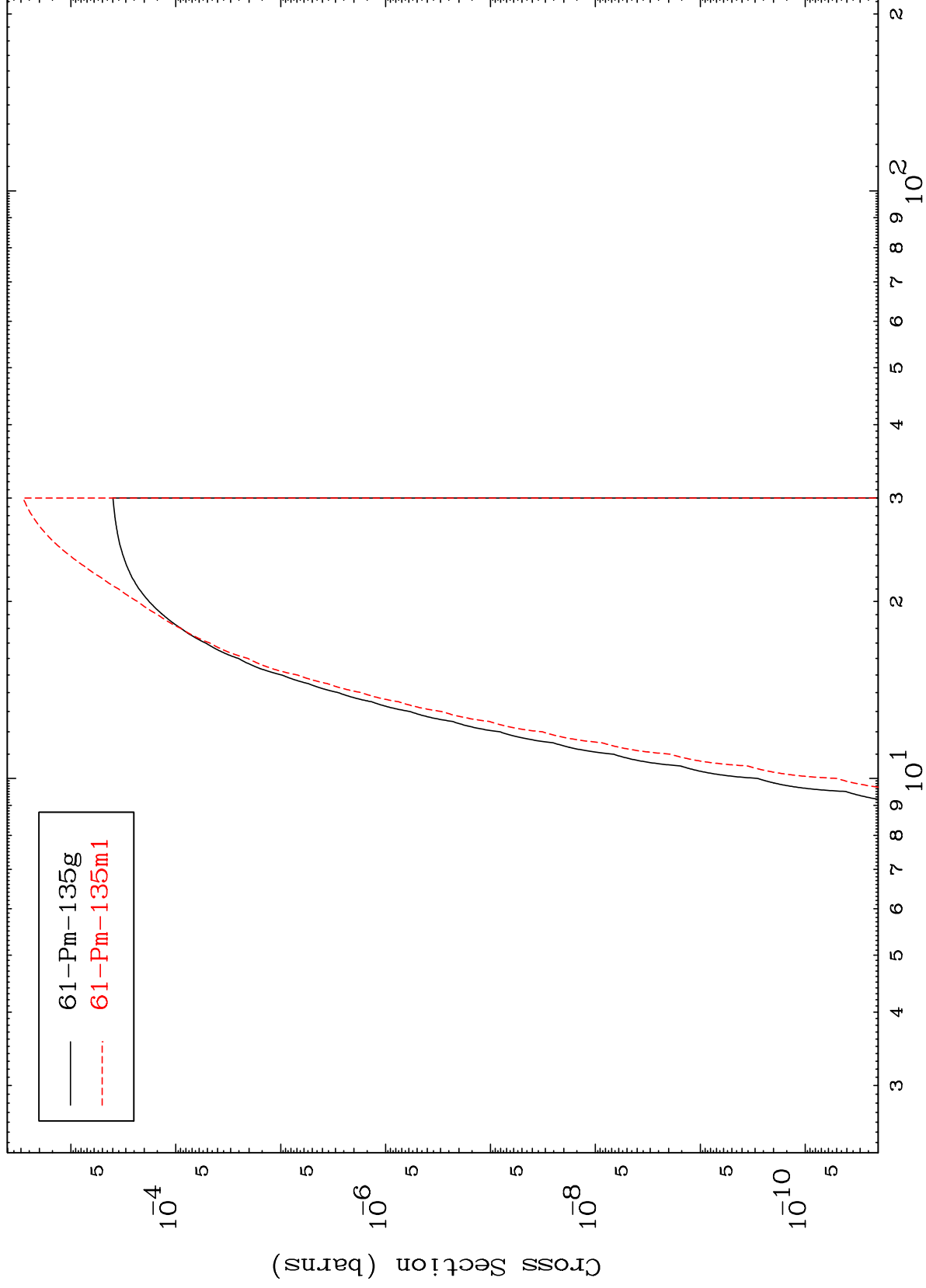
Incident Energy (MeV)

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

MAT 6283

63-Eu-137

(n,p) d
Radionuclide Production Cross Section



36

Incident Energy (MeV)

63-Eu-137

