

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

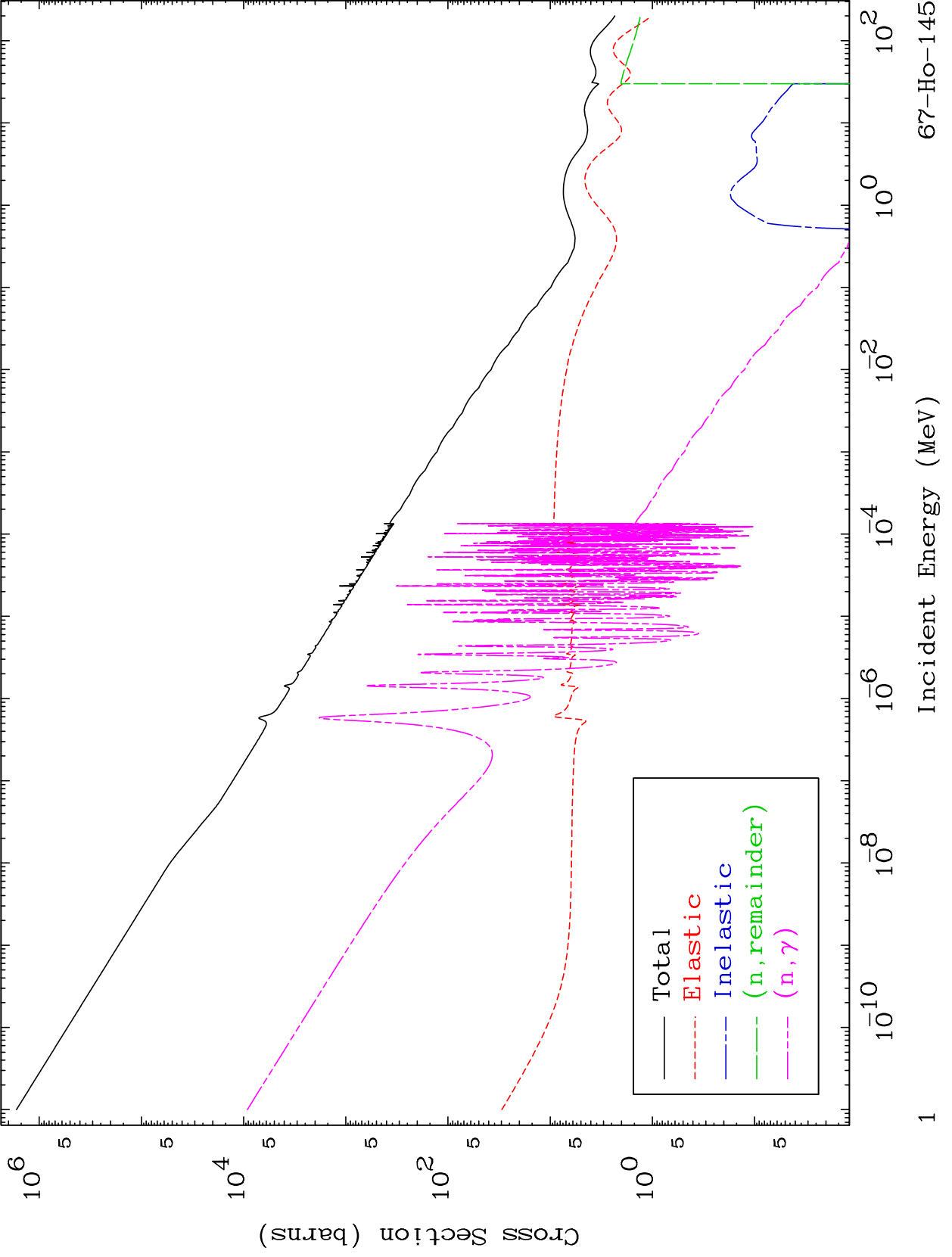
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6665

Major
293 Kelvin Cross Sections

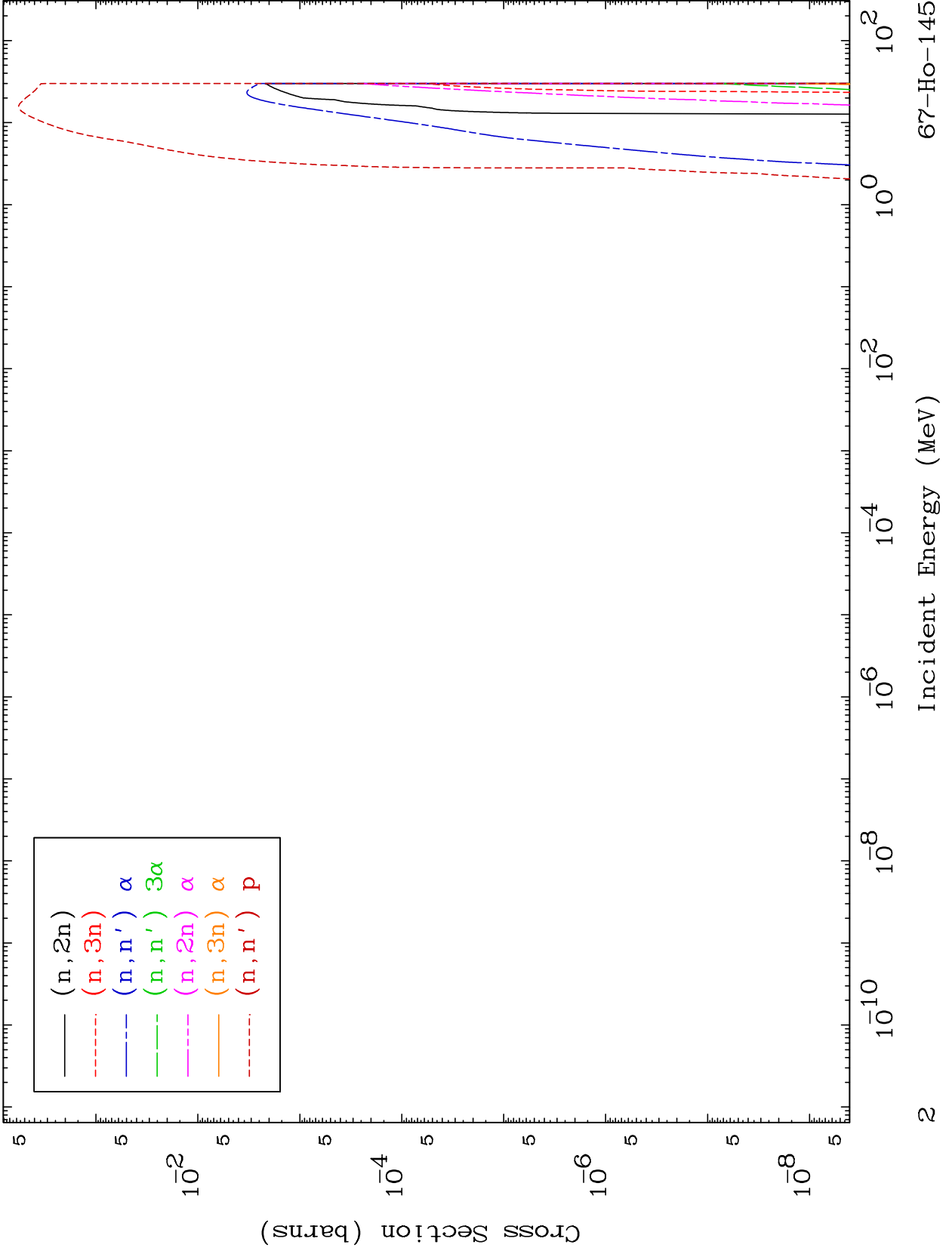
67-Ho-145



MAT 6665

Neutron Production
293 Kelvin Cross Sections

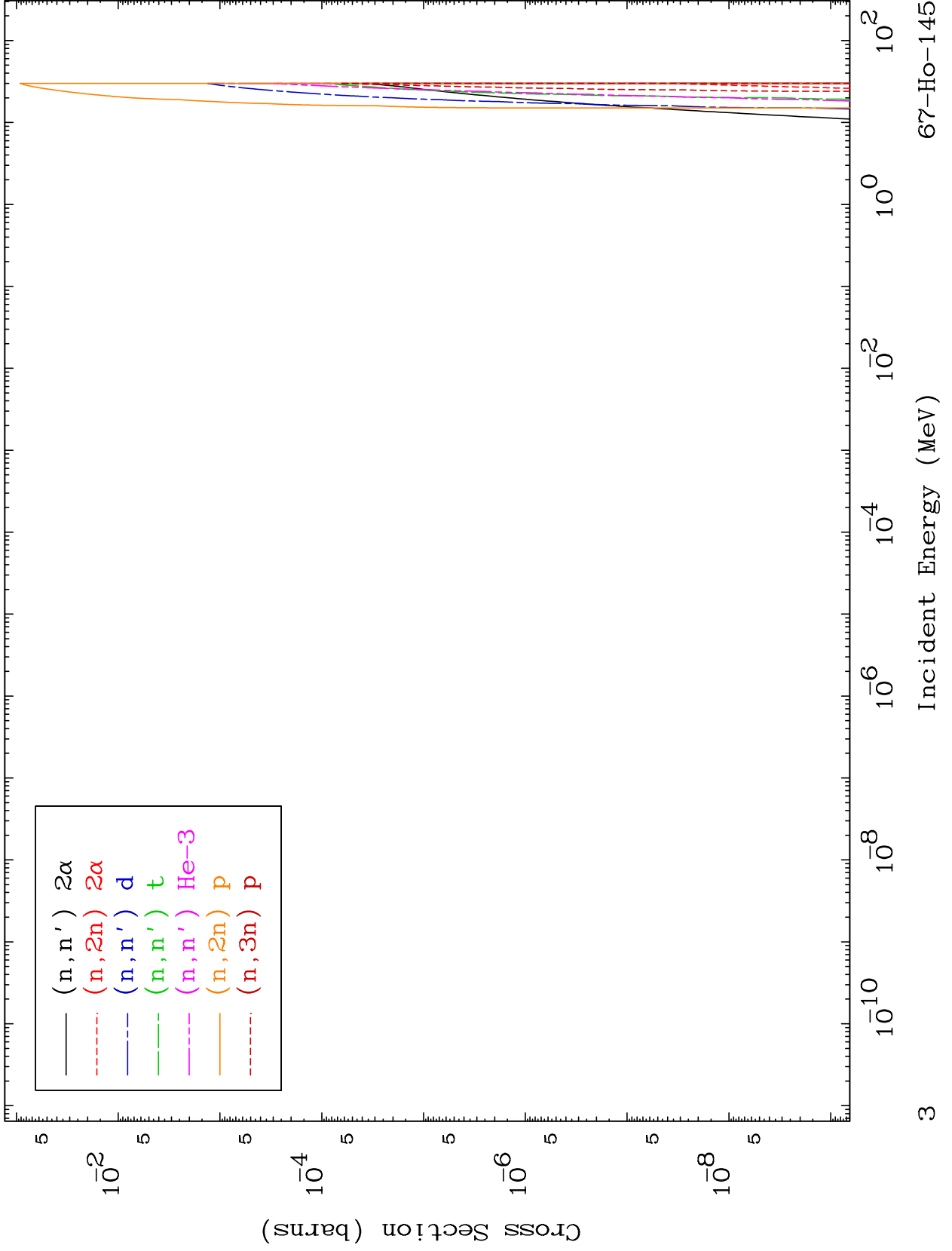
67-Ho-145



MAT 6665

Neutron Production
293 Kelvin Cross Sections

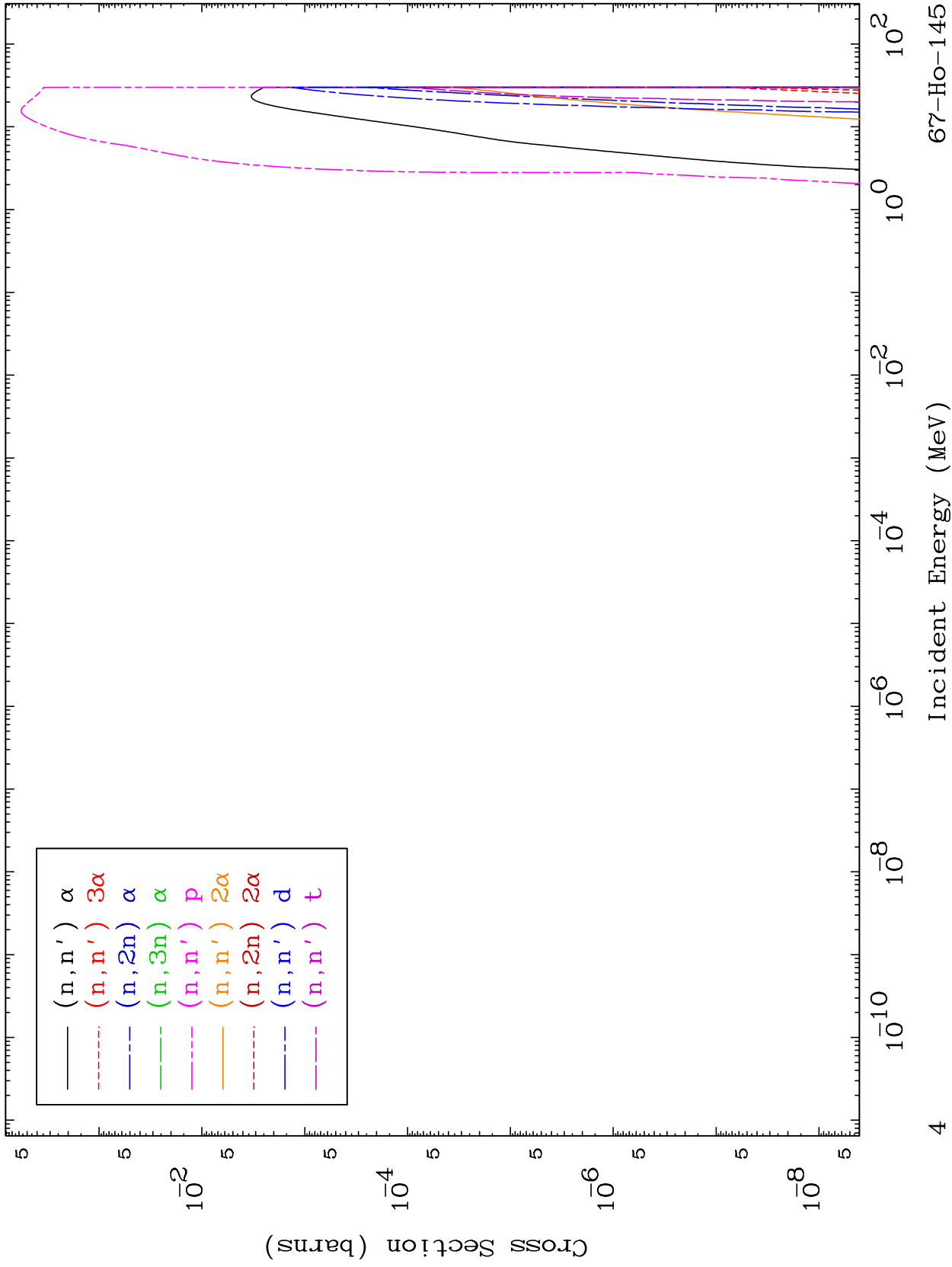
67-Ho-145



MAT 6665

Charged Particle
293 Kelvin Cross Sections

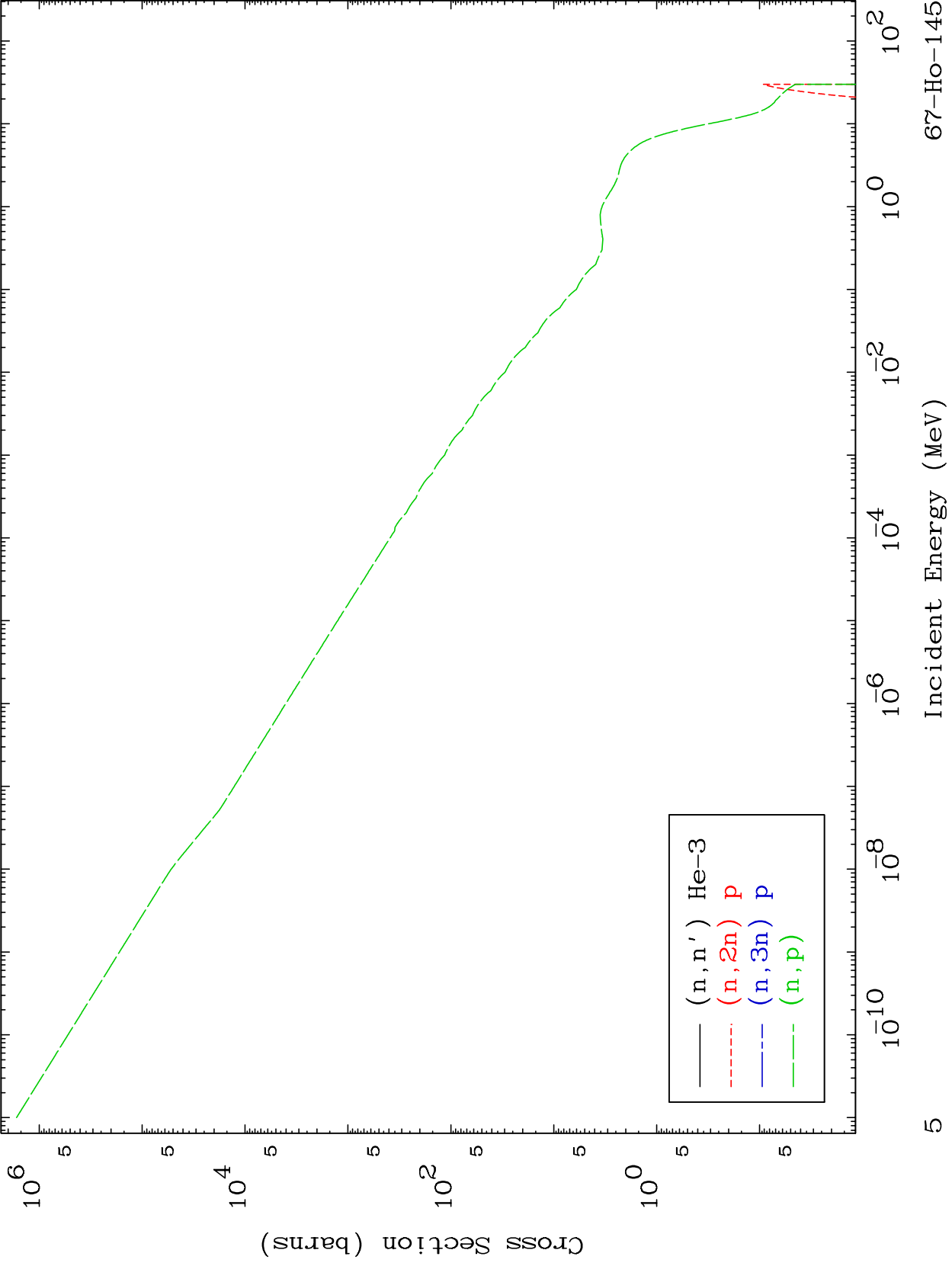
67-Ho-145



MAT 6665

Charged Particle
293 Kelvin Cross Sections

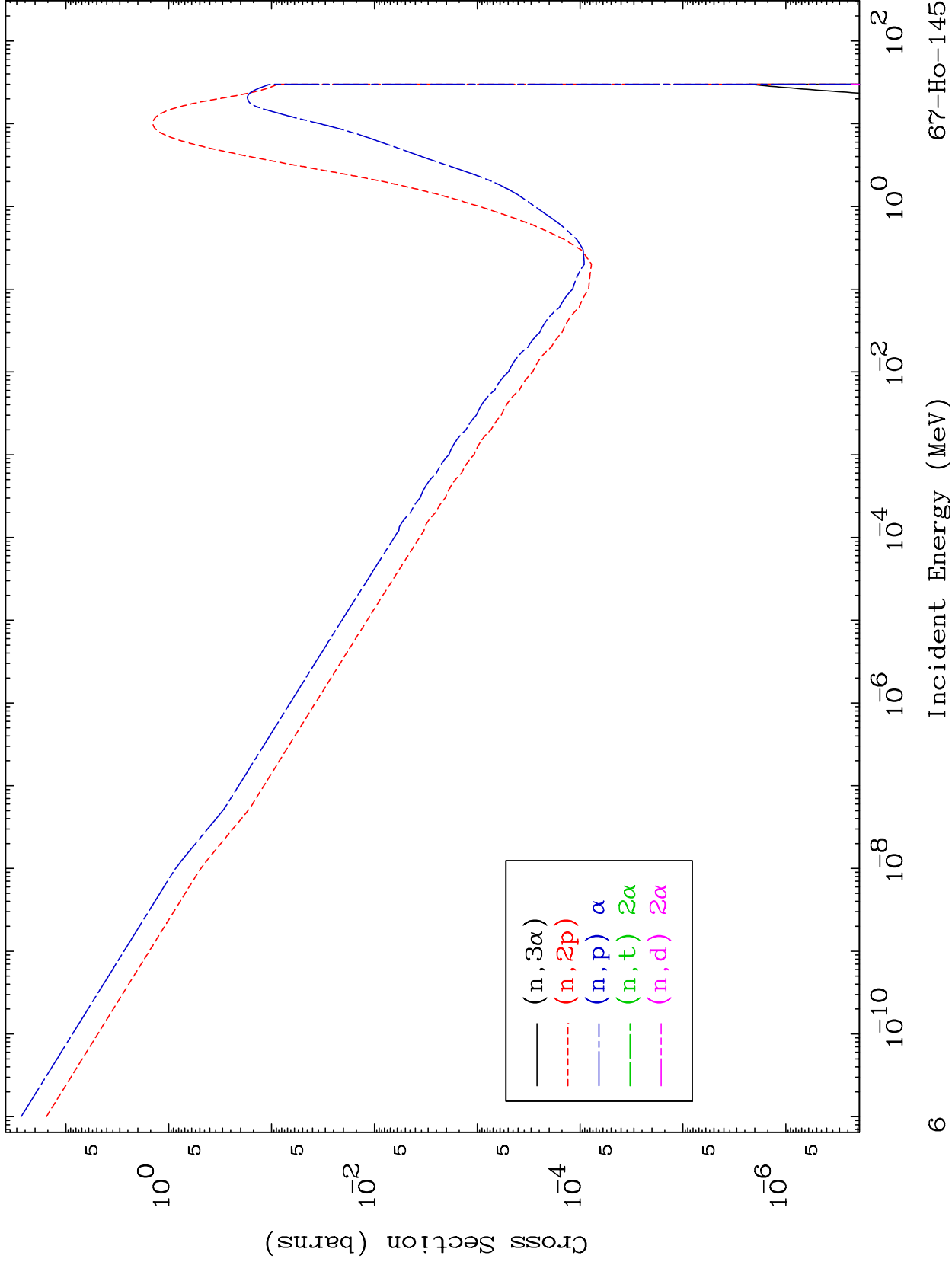
67-Ho-145



MAT 6665

Charged Particle
293 Kelvin Cross Sections

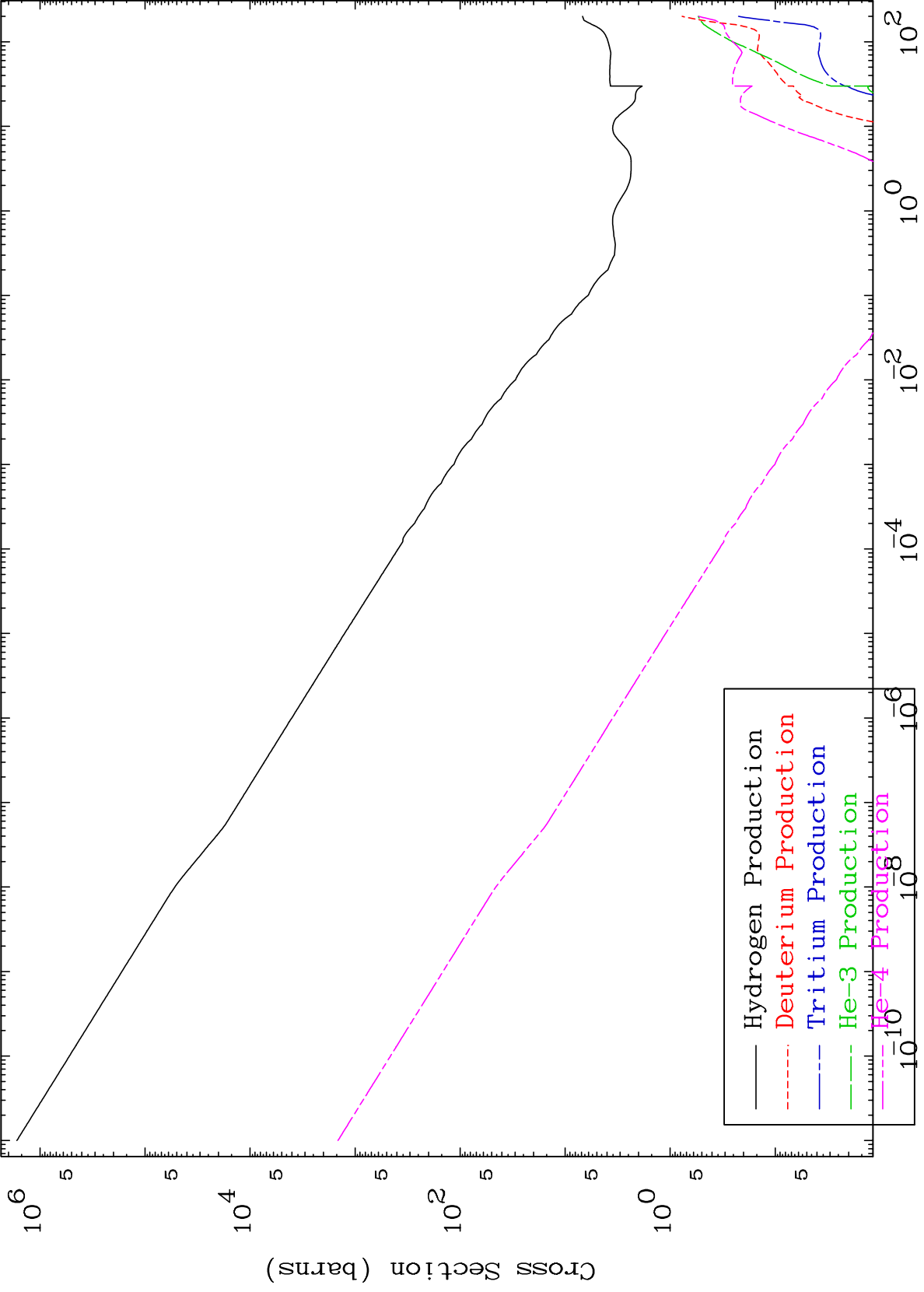
67-Ho-145



MAT 6665

Particle Production
293 Kelvin Cross Sections

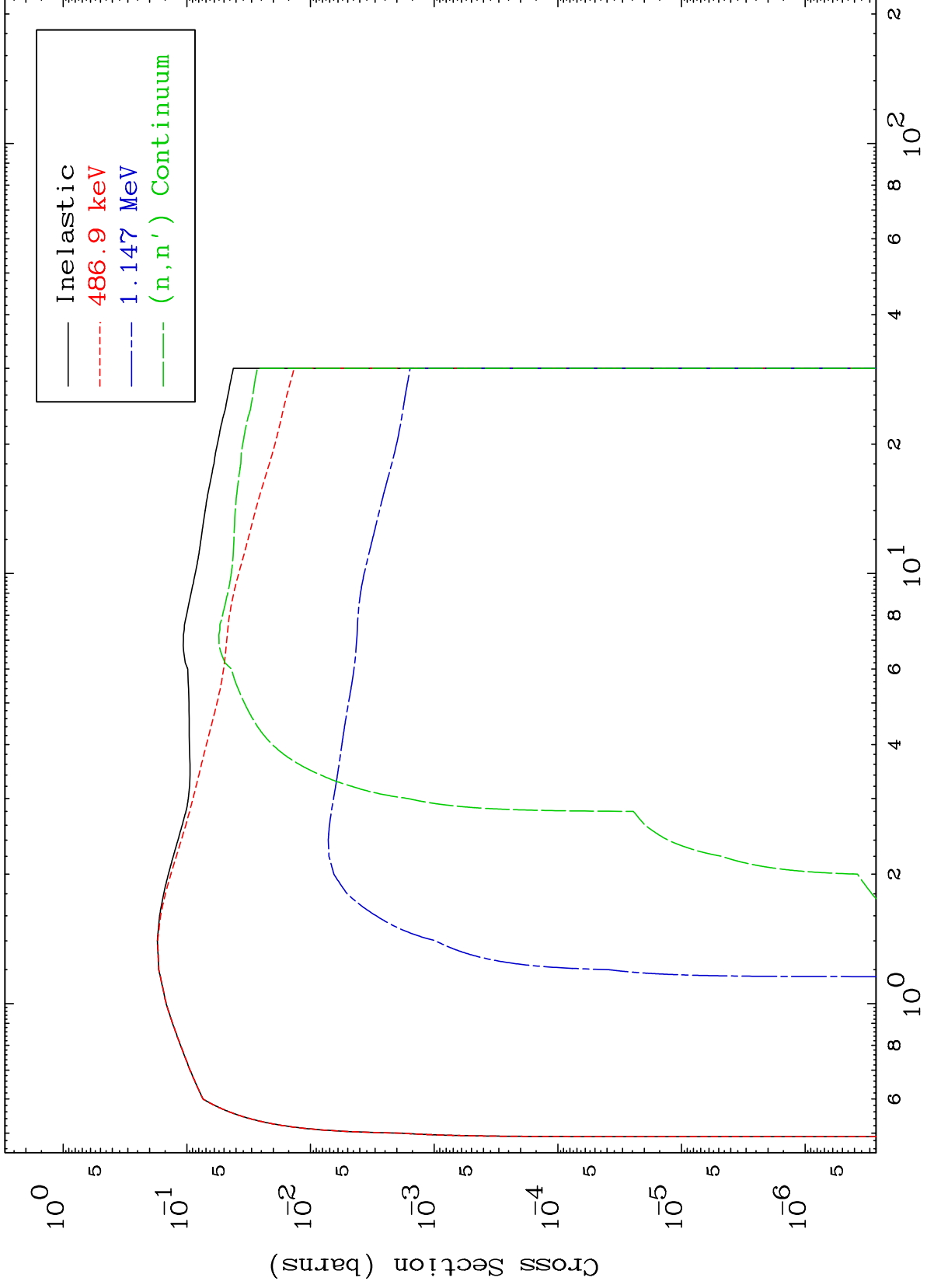
67-Ho-145



MAT 6665

(n,n') Level
293 Kelvin Cross Sections

67-Ho-145



8

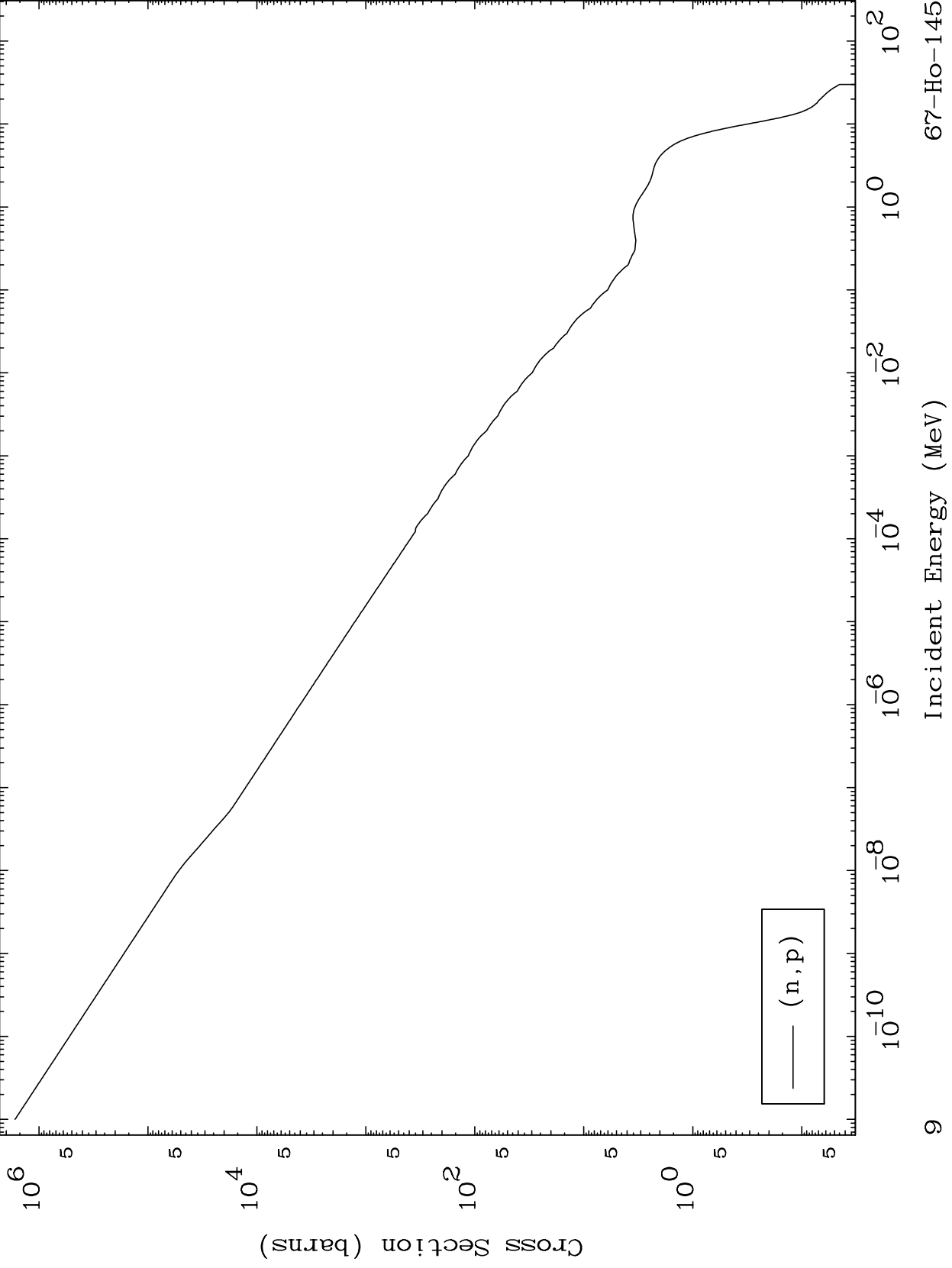
Incident Energy (MeV)

67-Ho-145

MAT 6665

(n,p) Levels
293 Kelvin Cross Sections

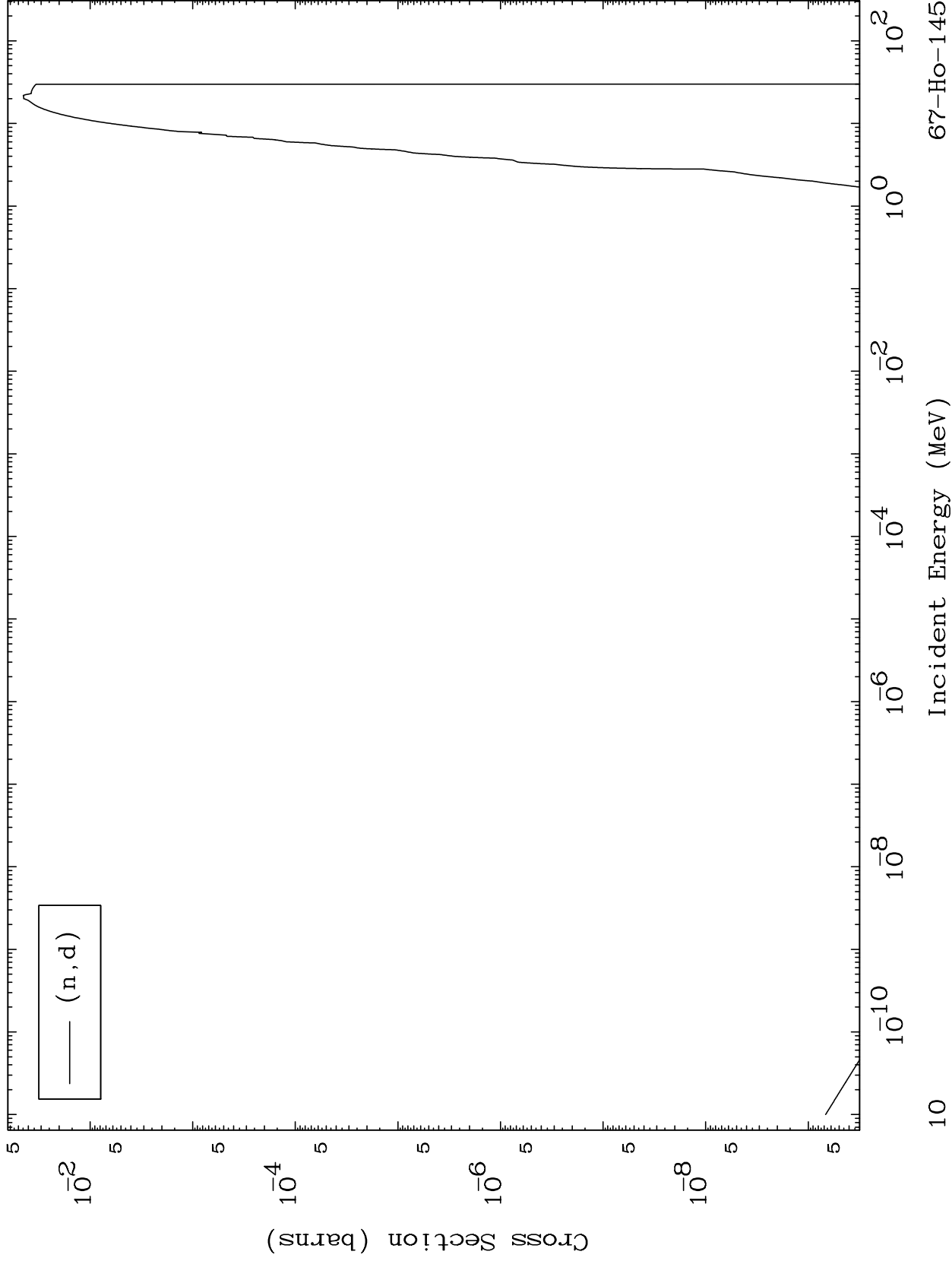
67-Ho-145



MAT 6665

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-145



10

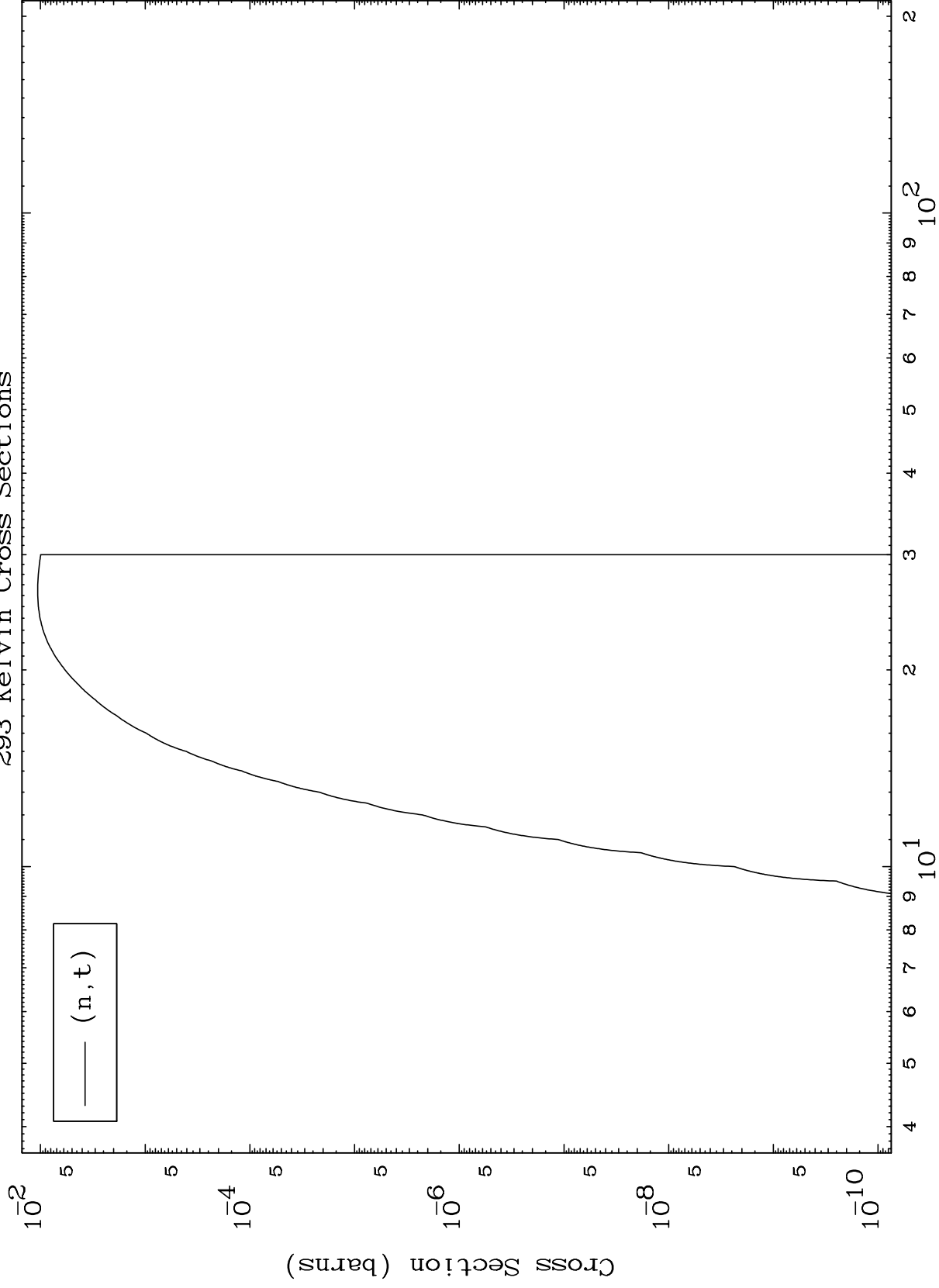
Incident Energy (MeV)

67-Ho-145

MAT 6665

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-145



(n,t)

11

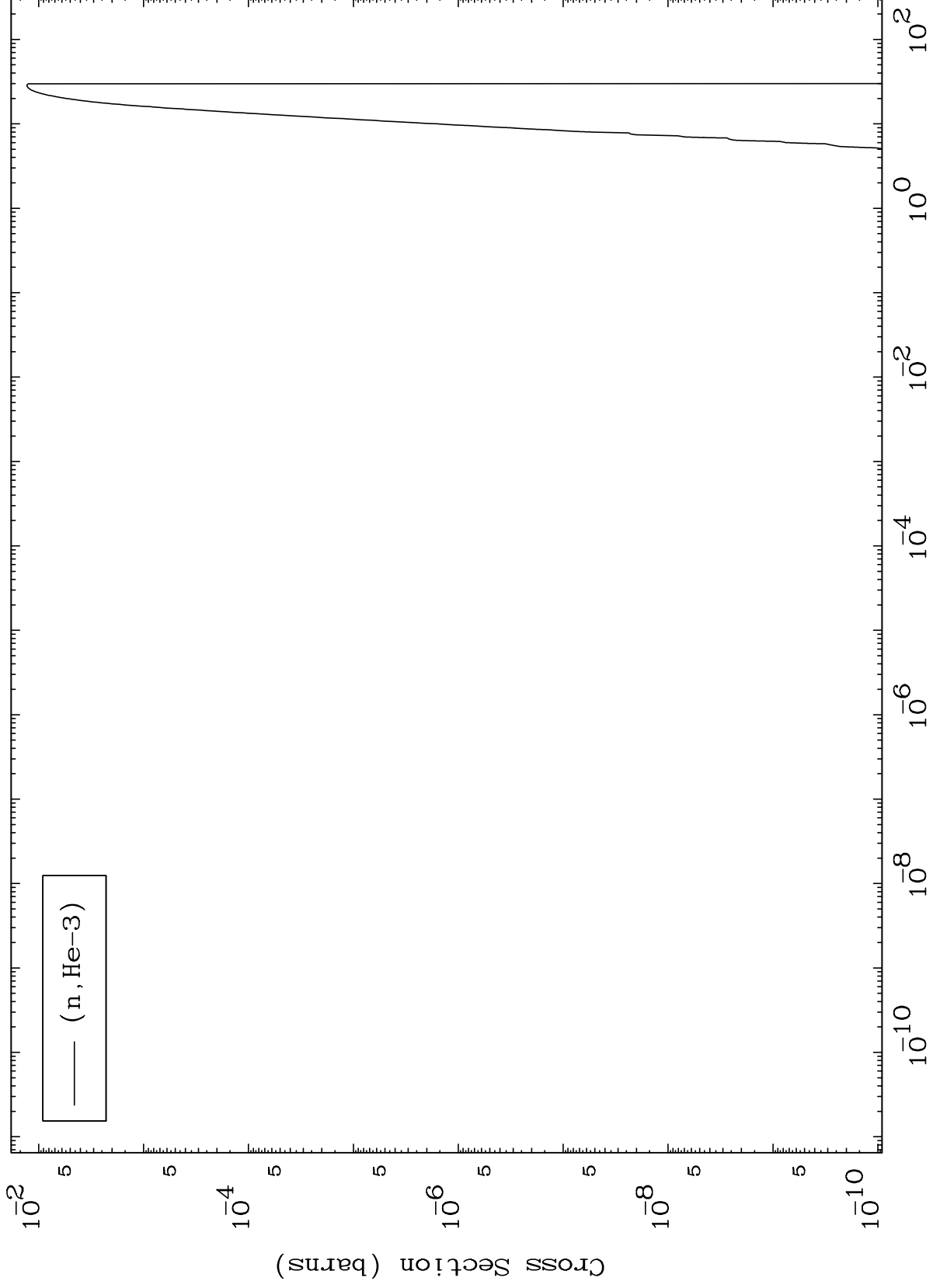
Incident Energy (MeV)

67-Ho-145

MAT 6665

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-145



12

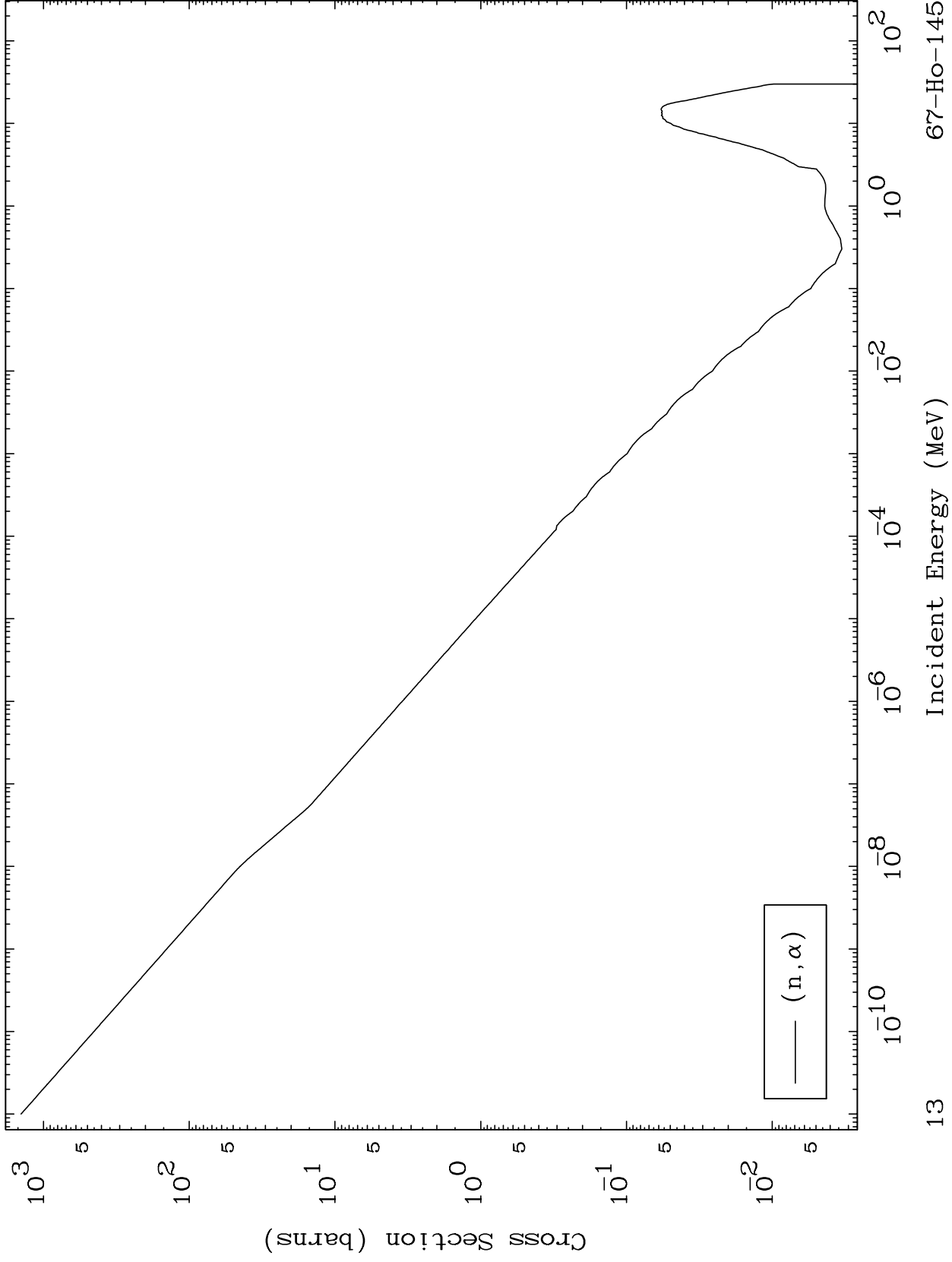
Incident Energy (MeV)

67-Ho-145

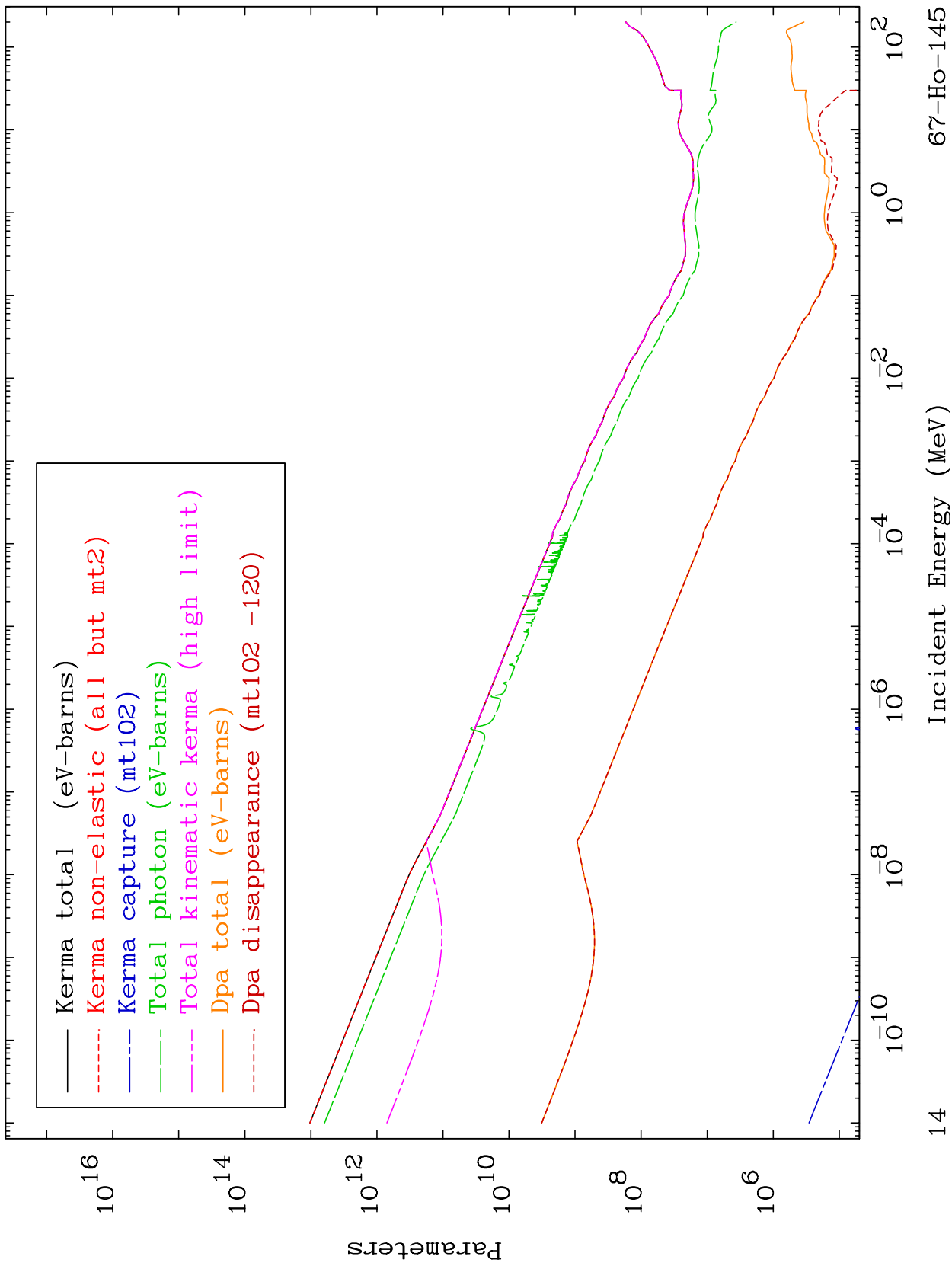
MAT 6665

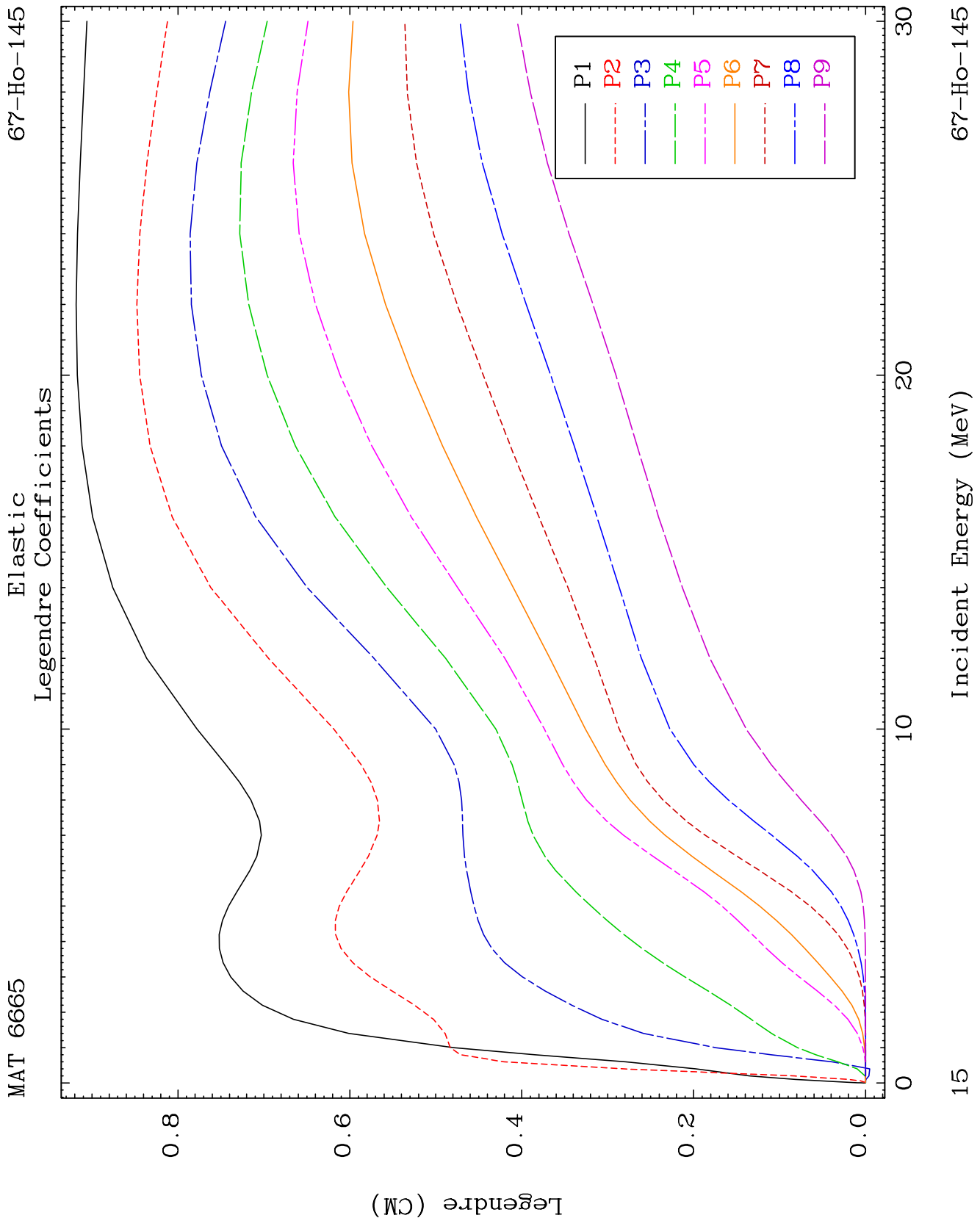
(n, α) Levels
293 Kelvin Cross Sections

67-Ho-145



13

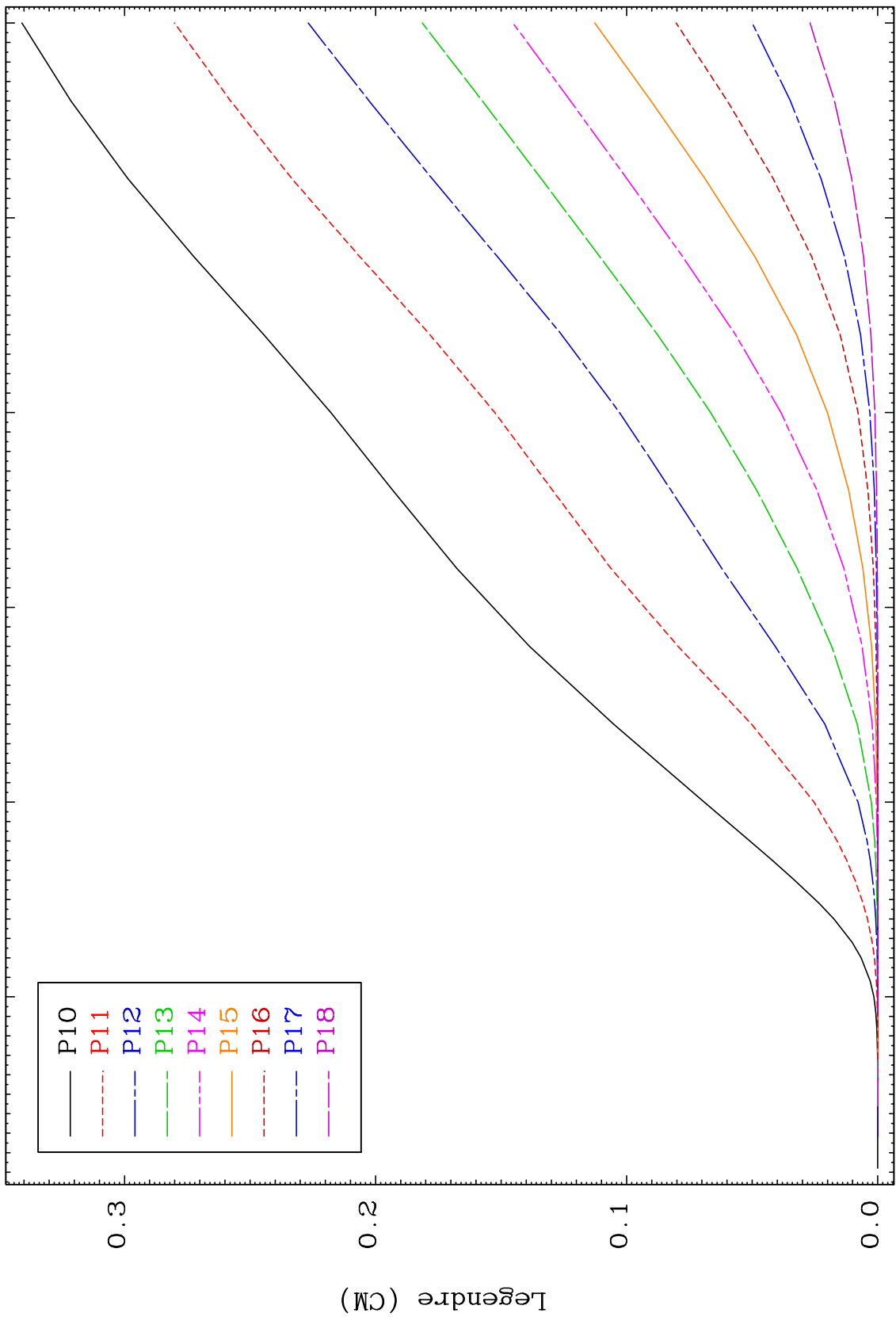




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Elastic Legendre Coefficients

67-Ho-145



16

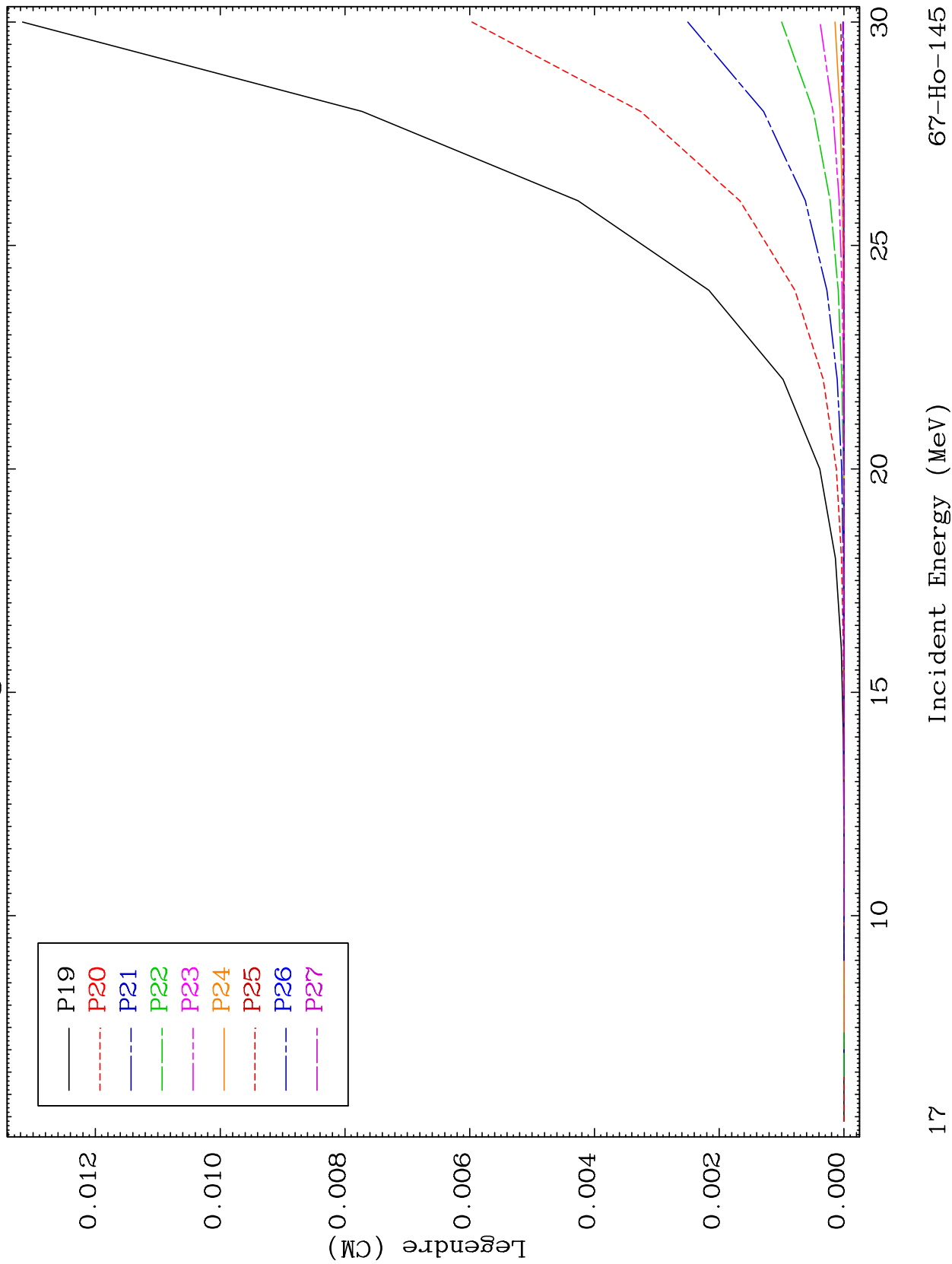
Incident Energy (MeV)

67-Ho-145

MAT 6665

Elastic Legendre Coefficients

67-Ho-145



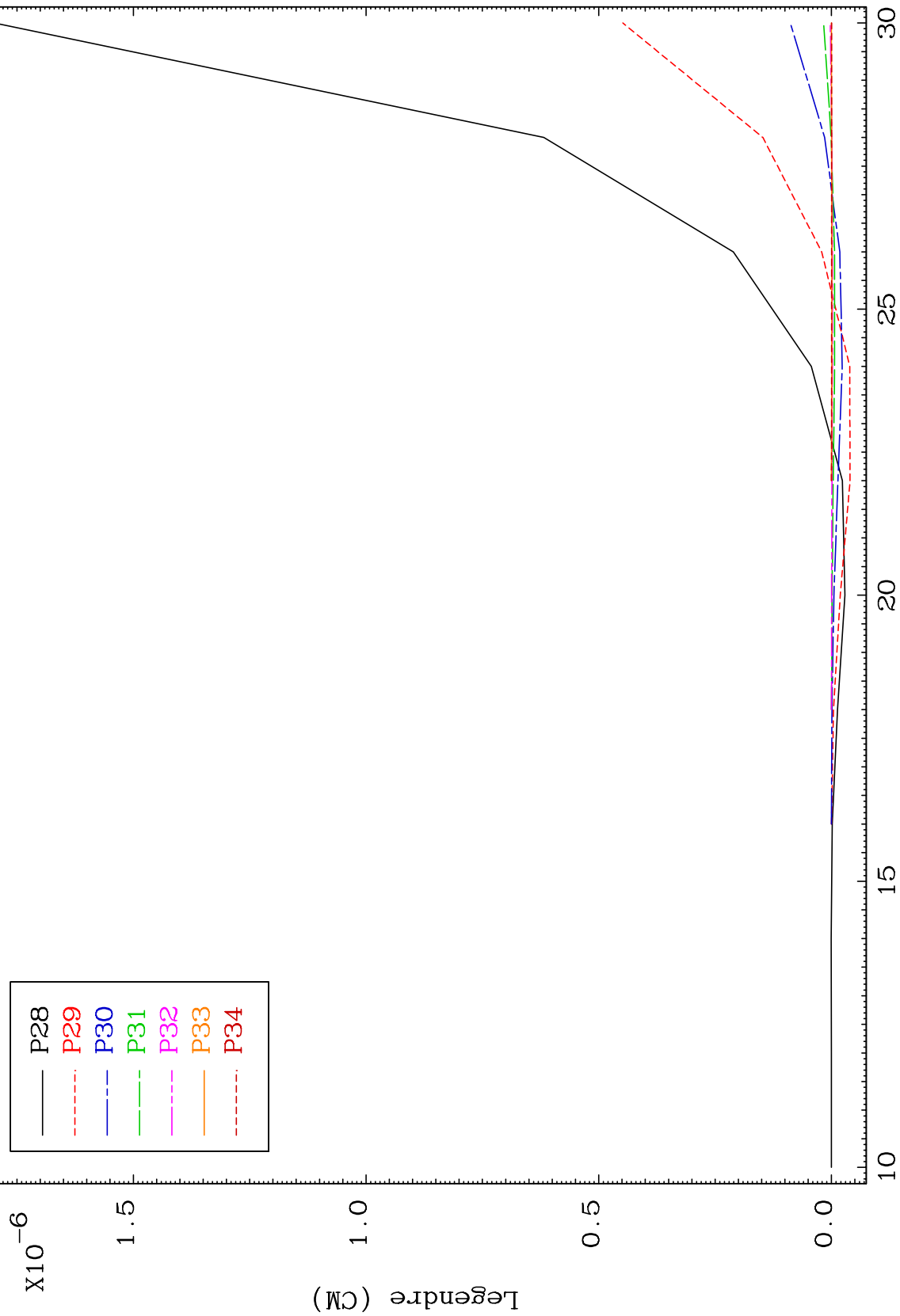
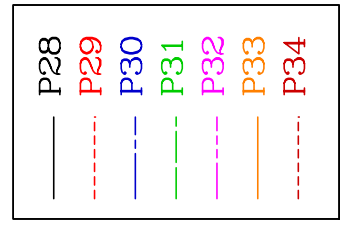
17

67-Ho-145

MAT 6665

Elastic Legendre Coefficients

67-Ho-145



67-Ho-145

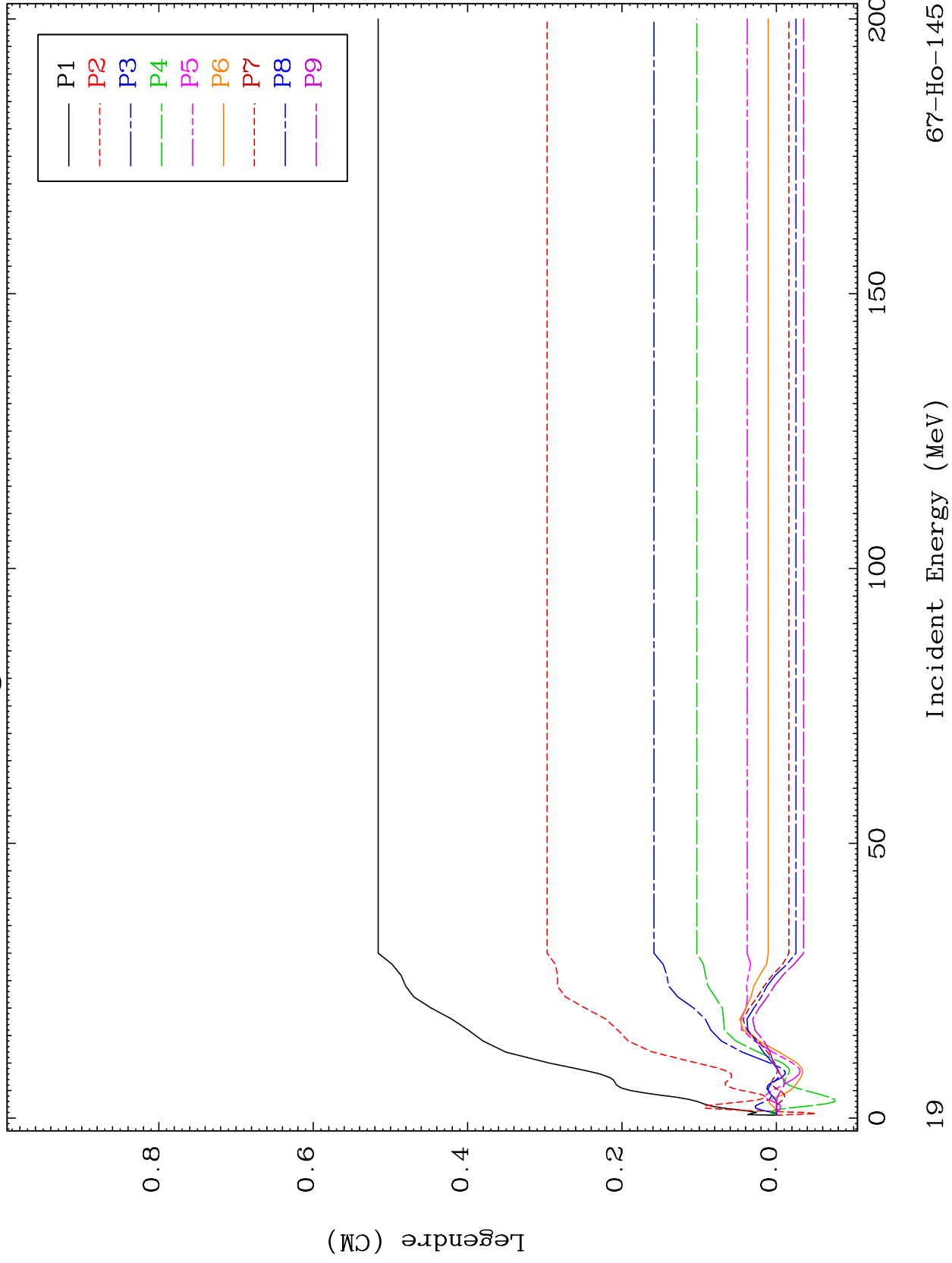
Incident Energy (MeV)

18

MAT 6665

486.9 keV (n,n') Level
Legendre Coefficients

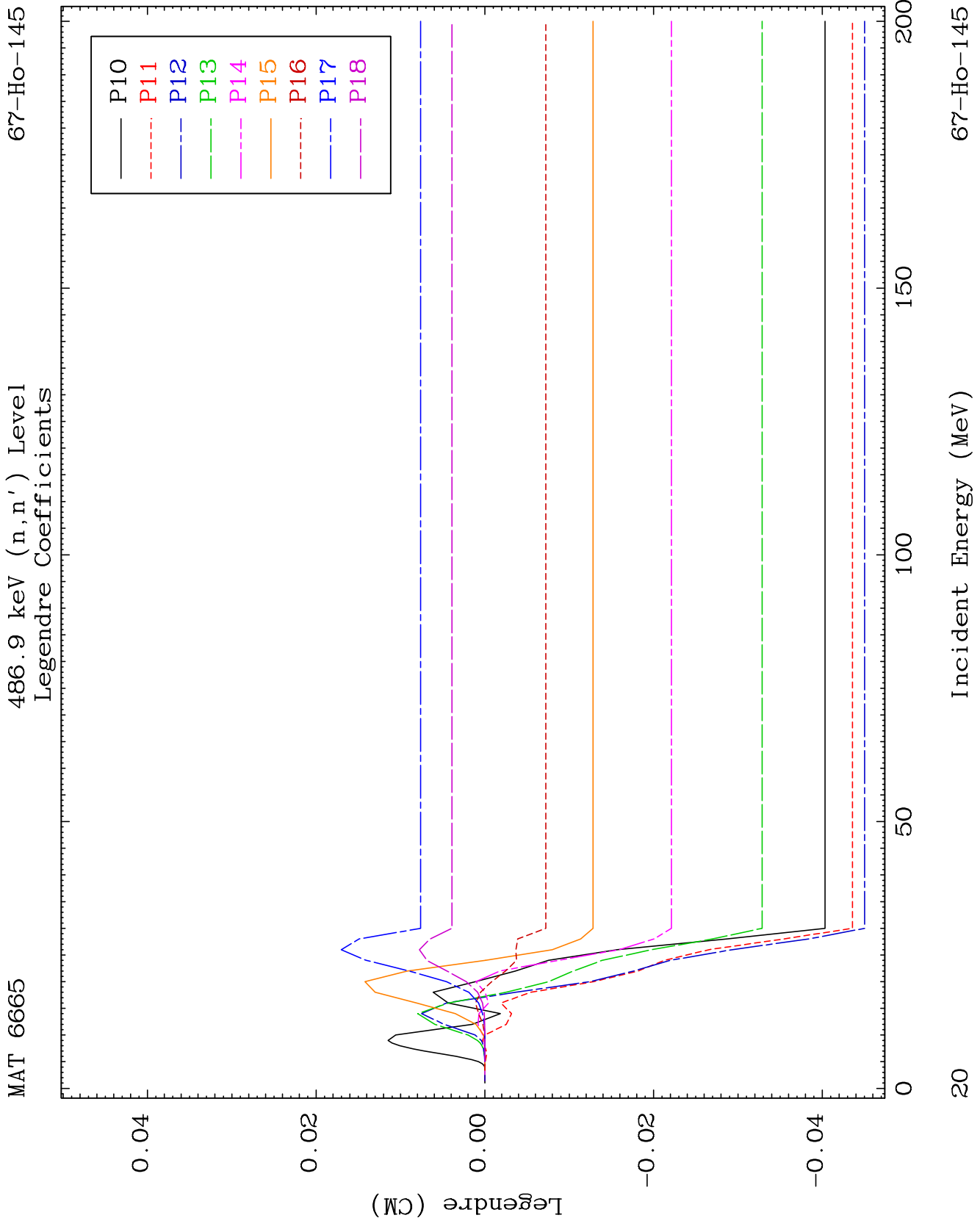
67-Ho-145



67-Ho-145

Incident Energy (MeV)

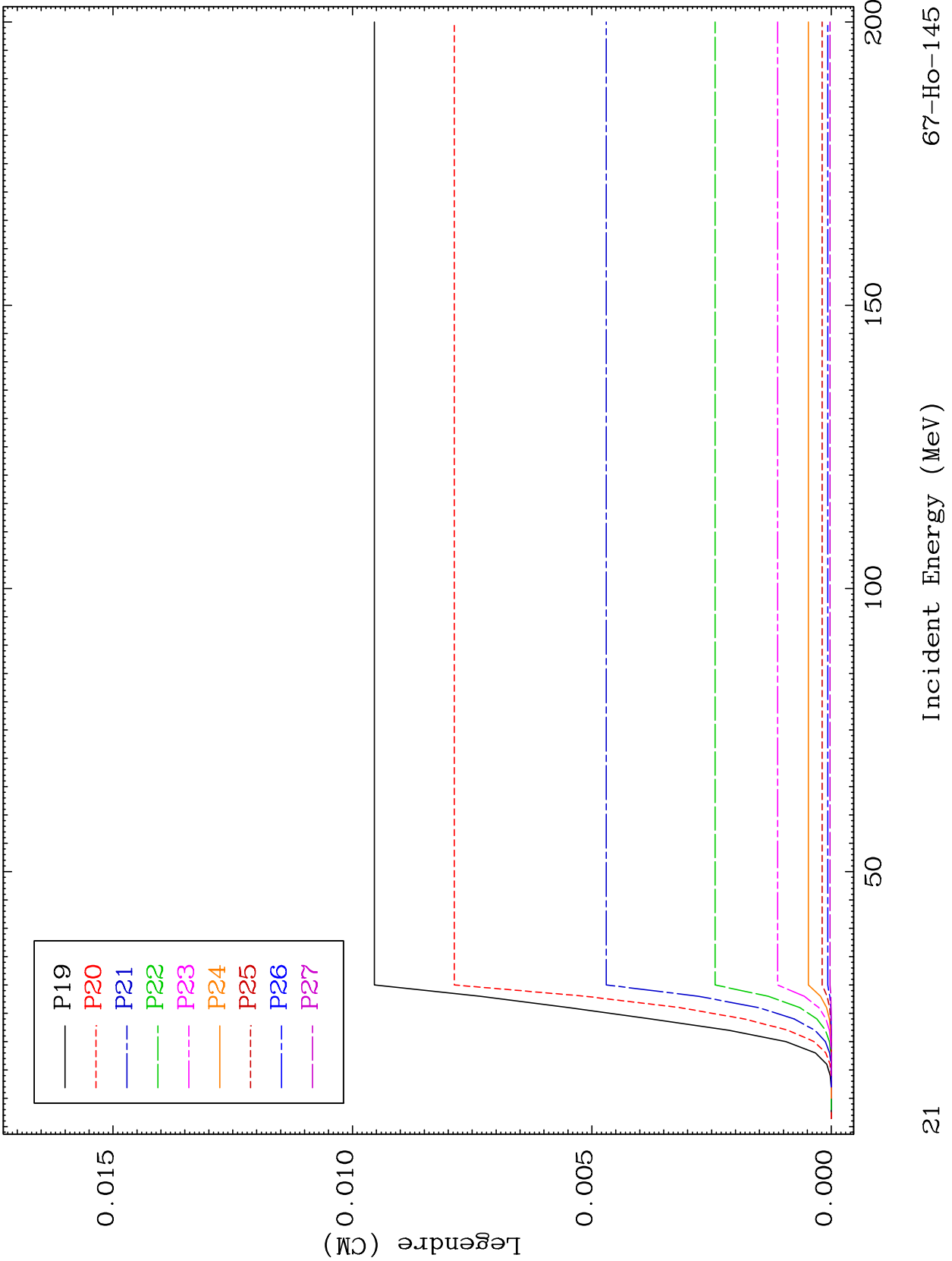
19



MAT 6665

486.9 keV (n,n') Level
Legendre Coefficients

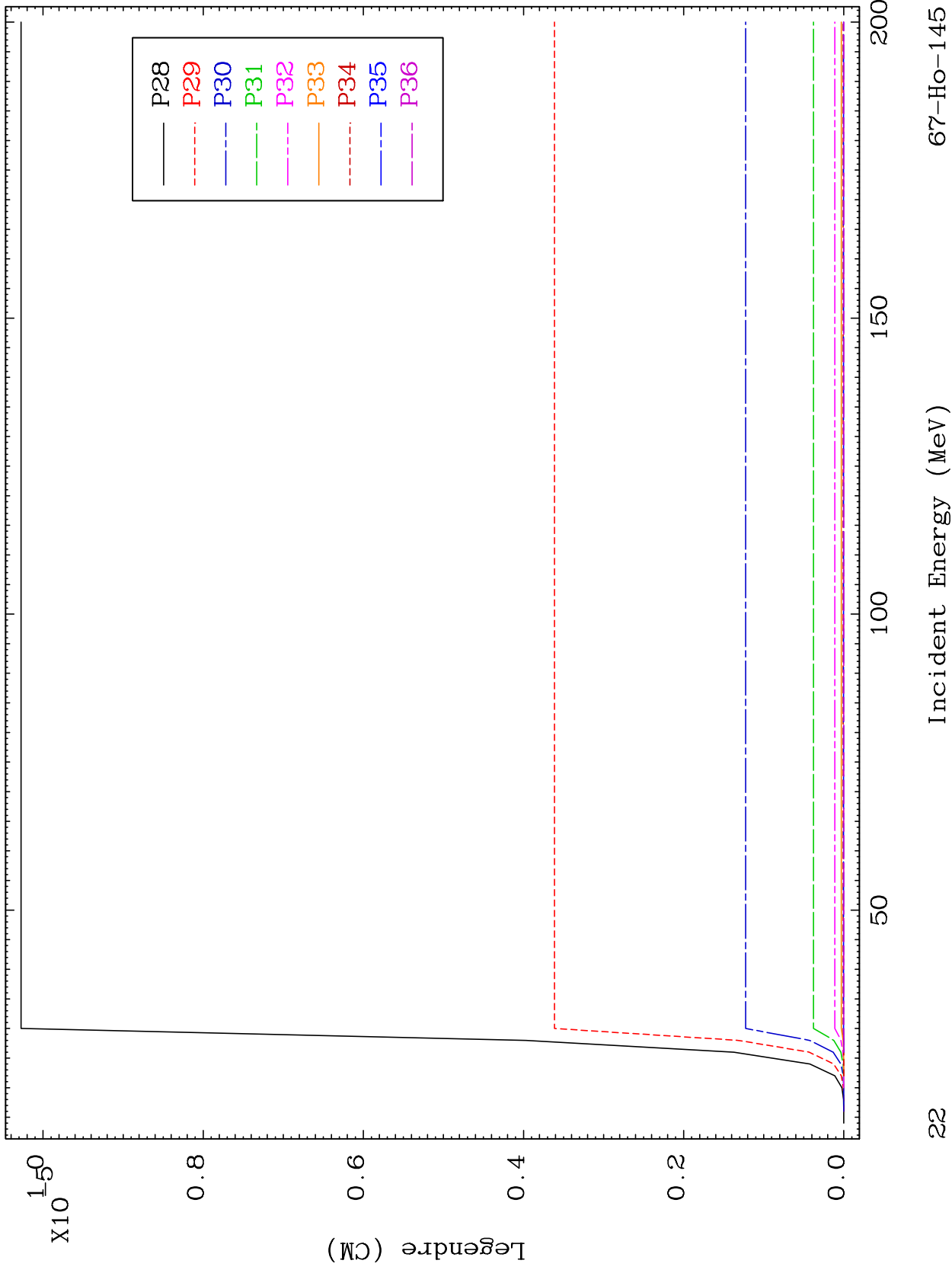
67-Ho-145



MAT 6665

486.9 keV (n, n') Level
Legendre Coefficients

67-Ho-145

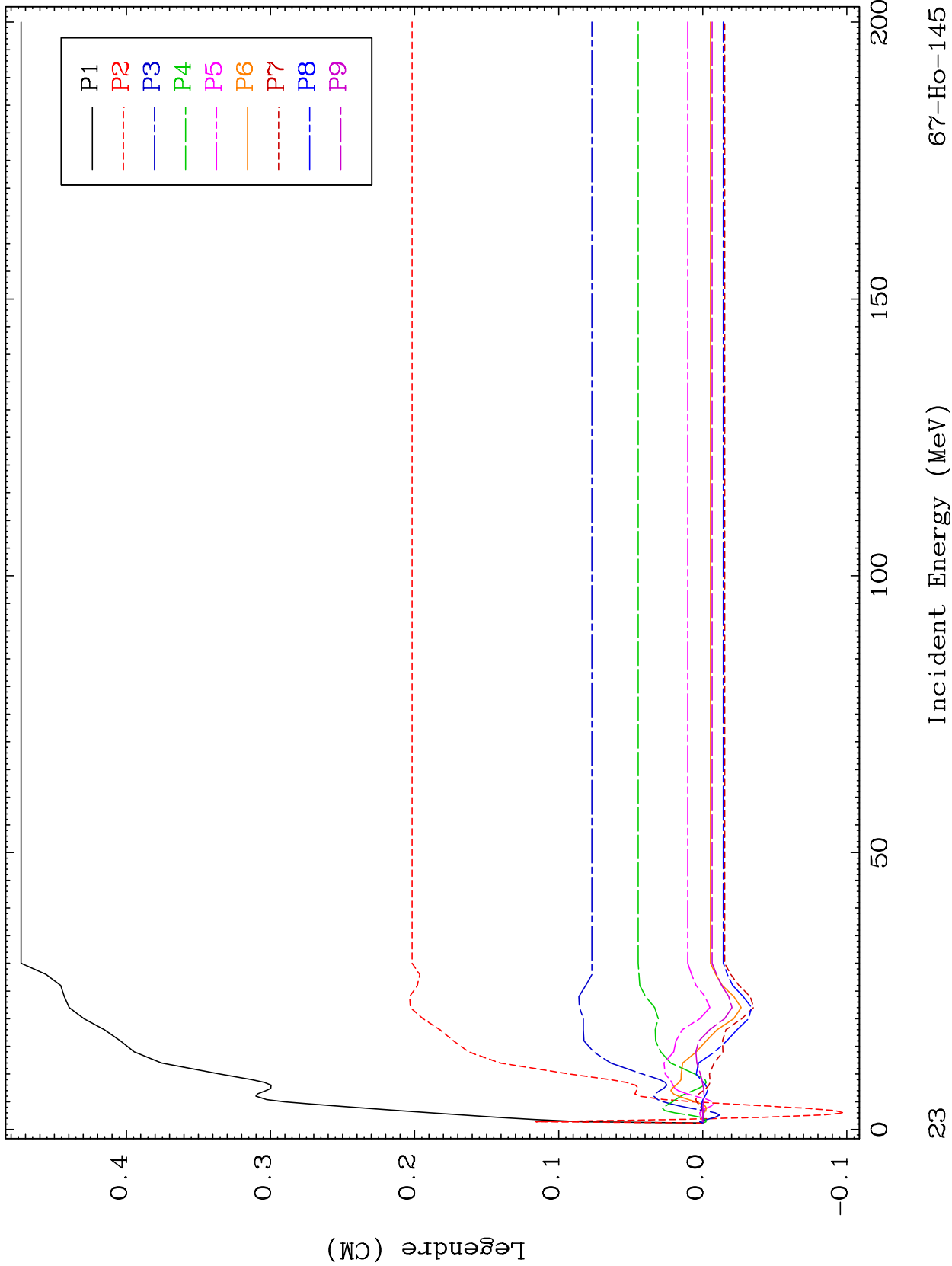


22

MAT 6665

1.147 MeV (n,n') Level
Legendre Coefficients

67-Ho-145



23

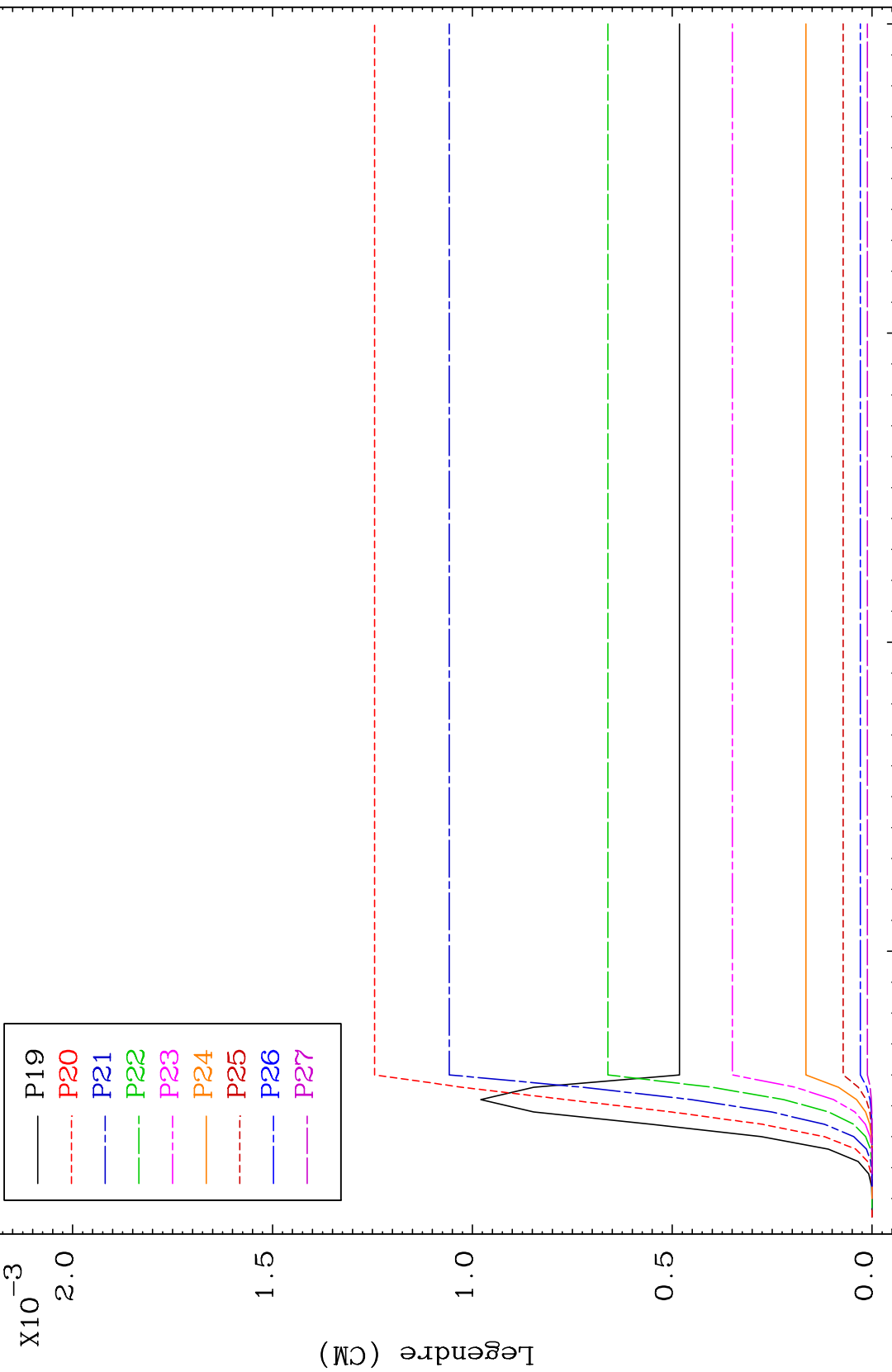
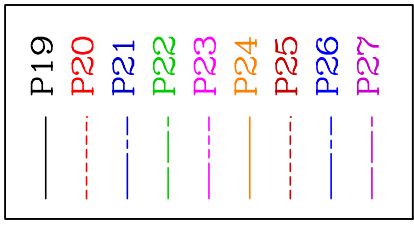
Incident Energy (MeV)

67-Ho-145

MAT 6665

1.147 MeV (n, n') Level
Legendre Coefficients

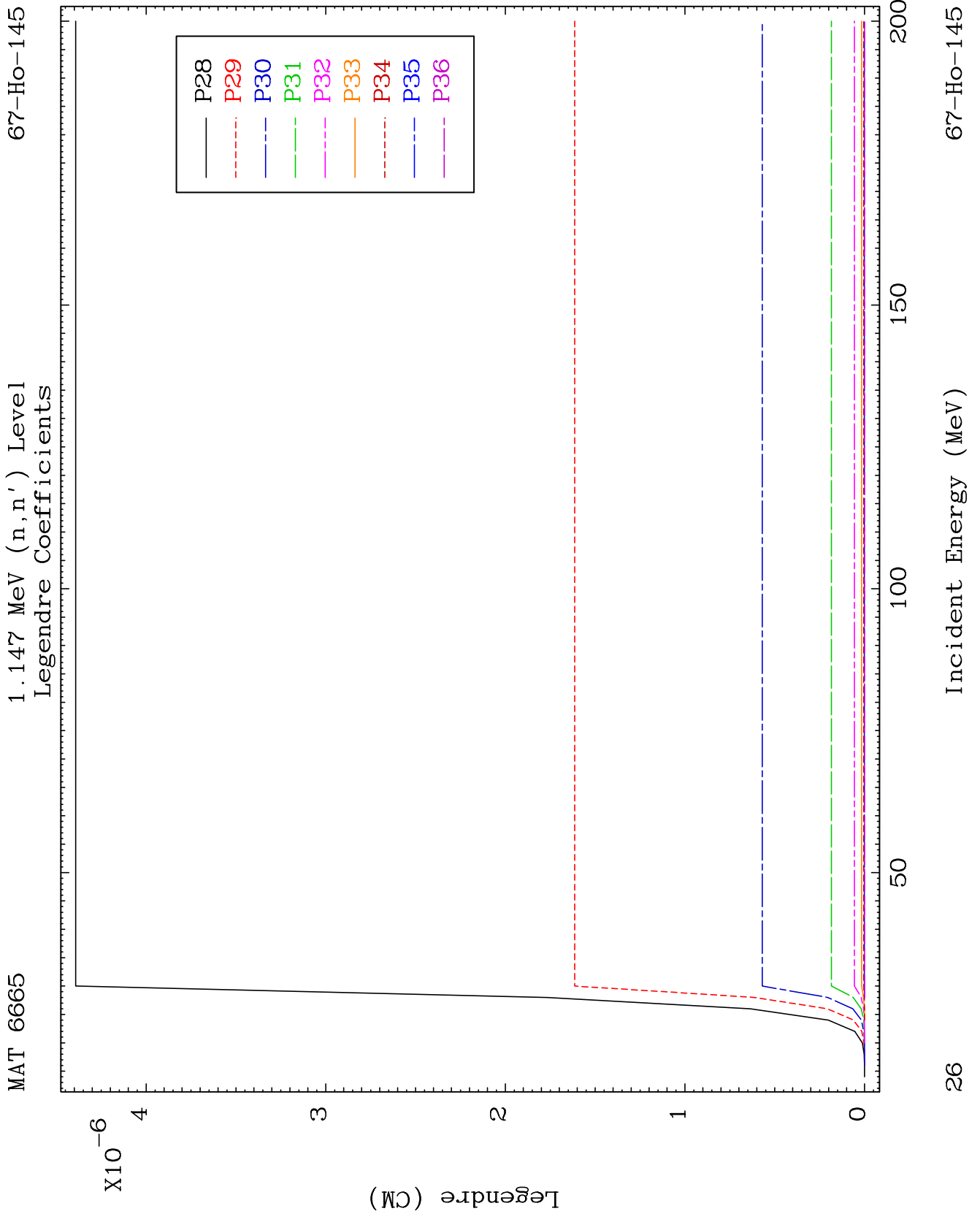
67-Ho-145



25

Incident Energy (MeV)

67-Ho-145

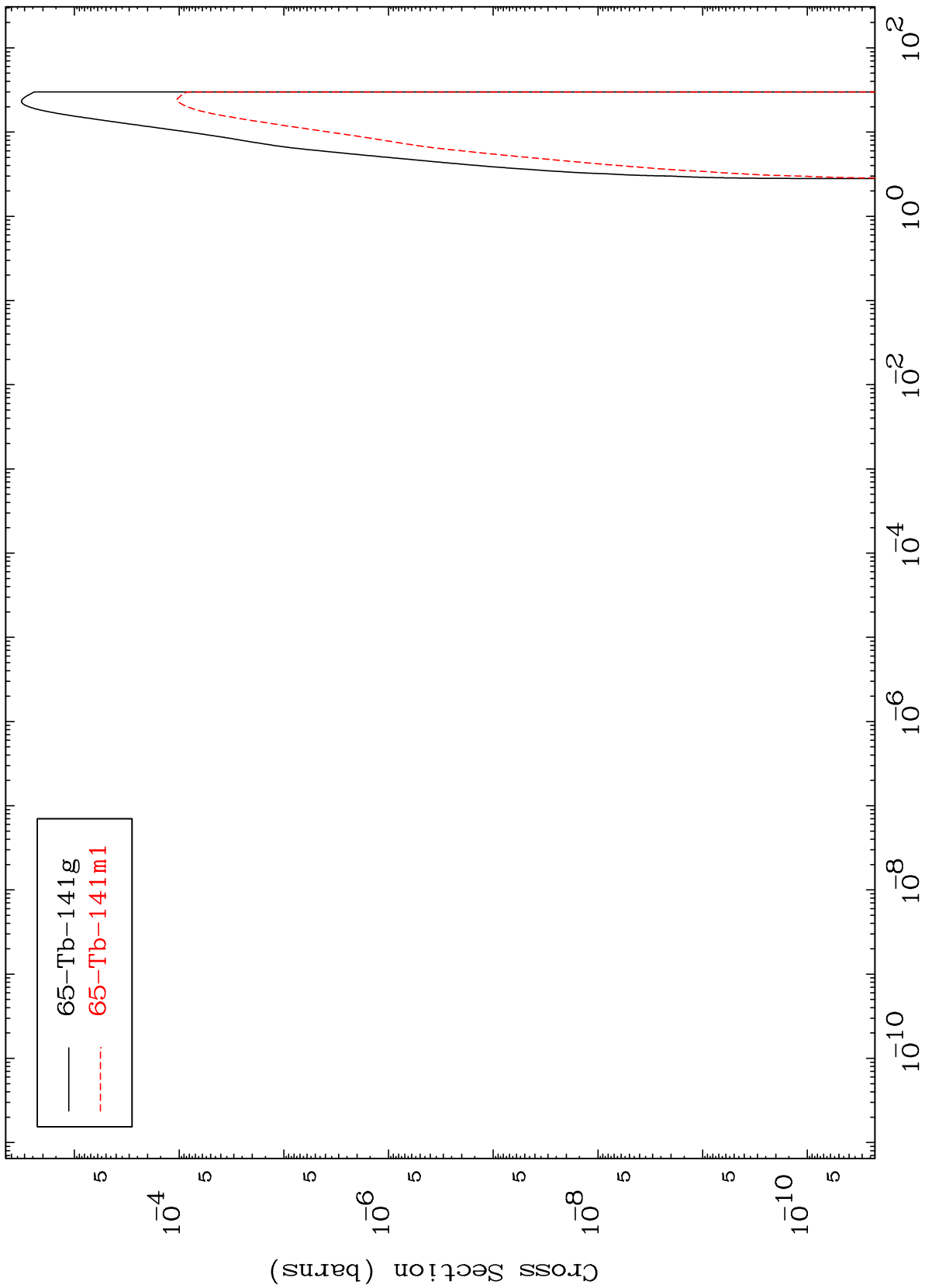


MAT 6665

$(n, n') \alpha$

$^{67}\text{Ho-145}$

Radionuclide Production Cross Section

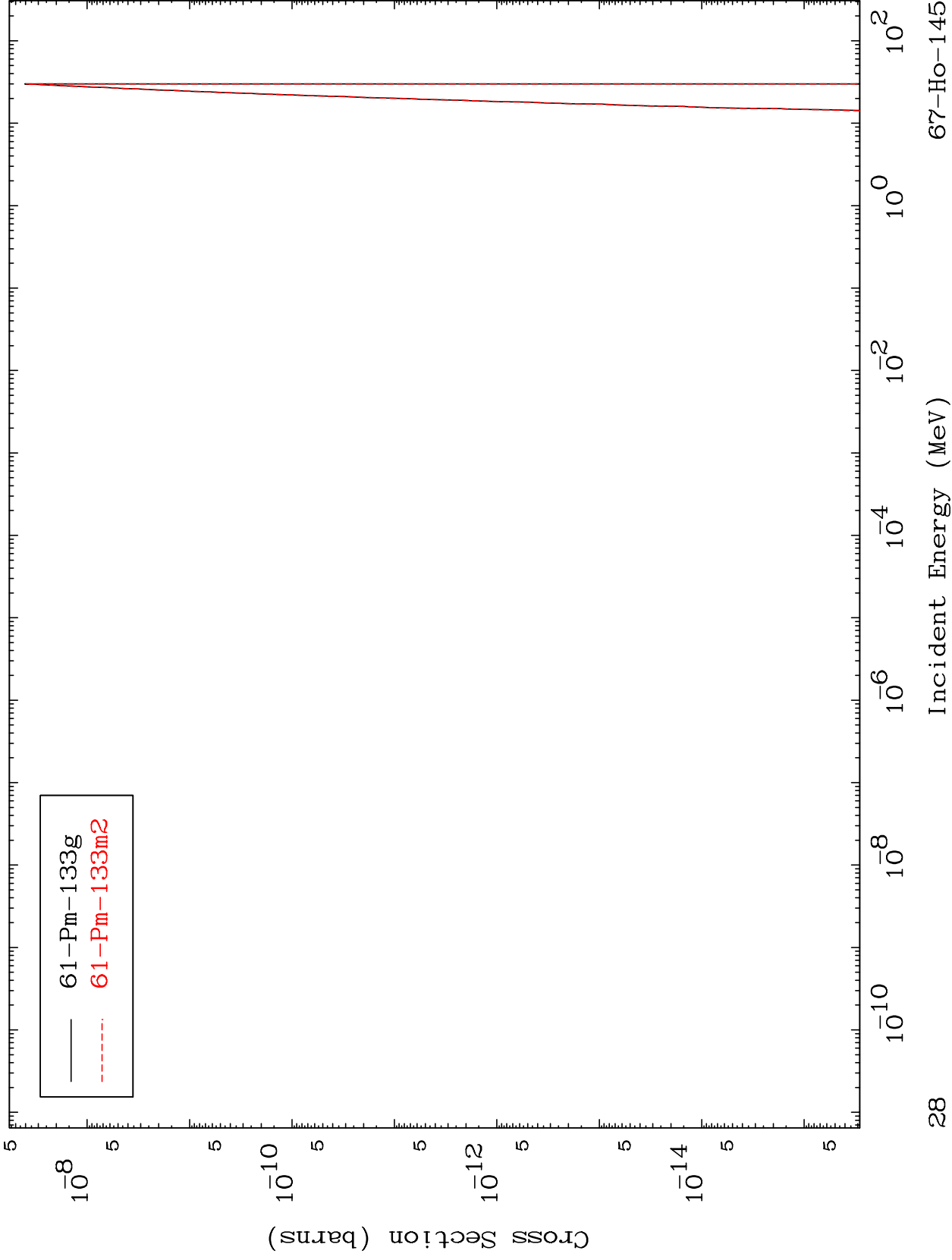


MAT 6665

(n,n') 3 α

67-Ho-145

Radionuclide Production Cross Section

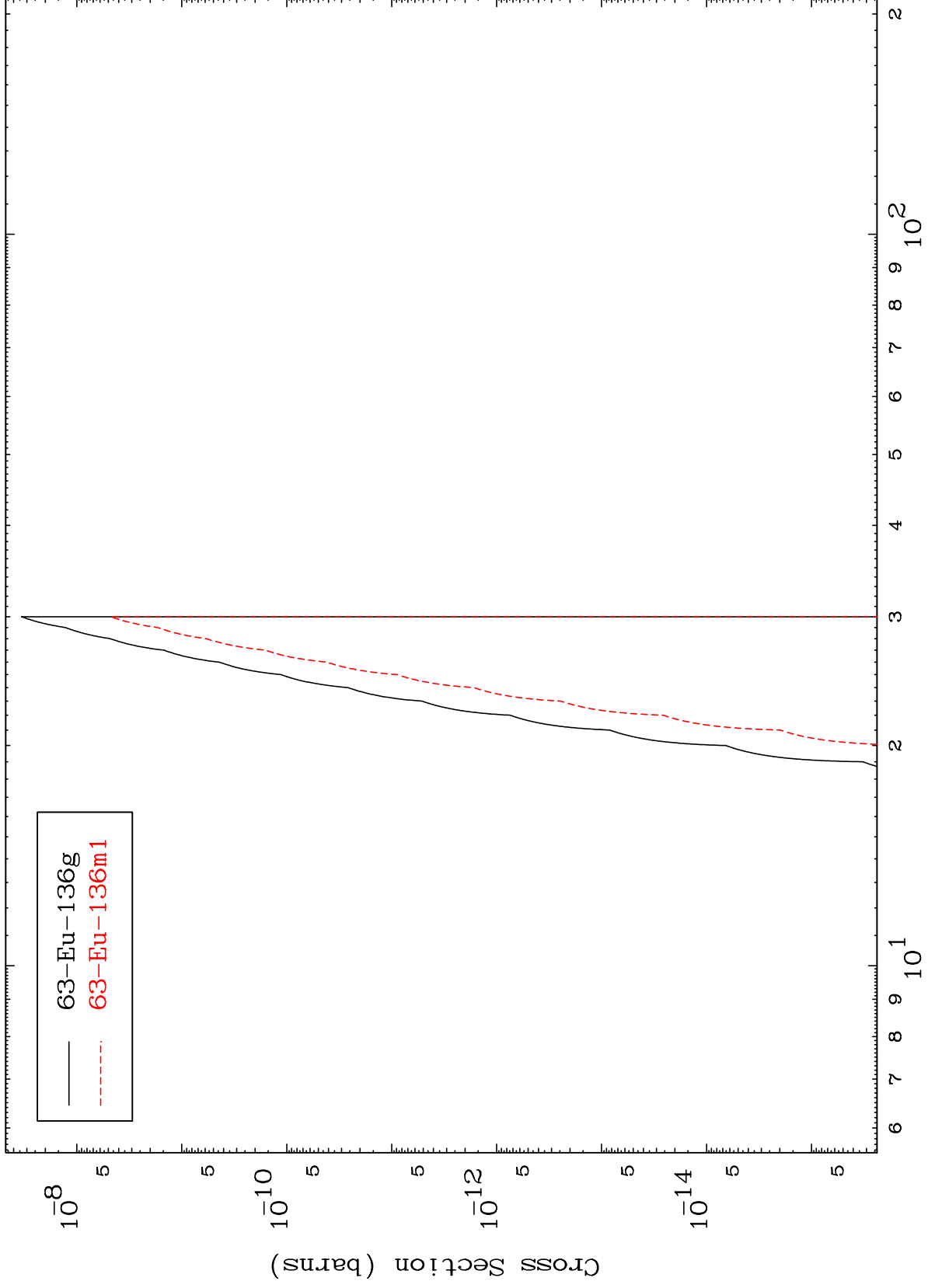


MAT 6665

(n,2n) 2 α

67-Ho-145

Radionuclide Production Cross Section



63-Eu-136g
63-Eu-136m1

29

Incident Energy (MeV)

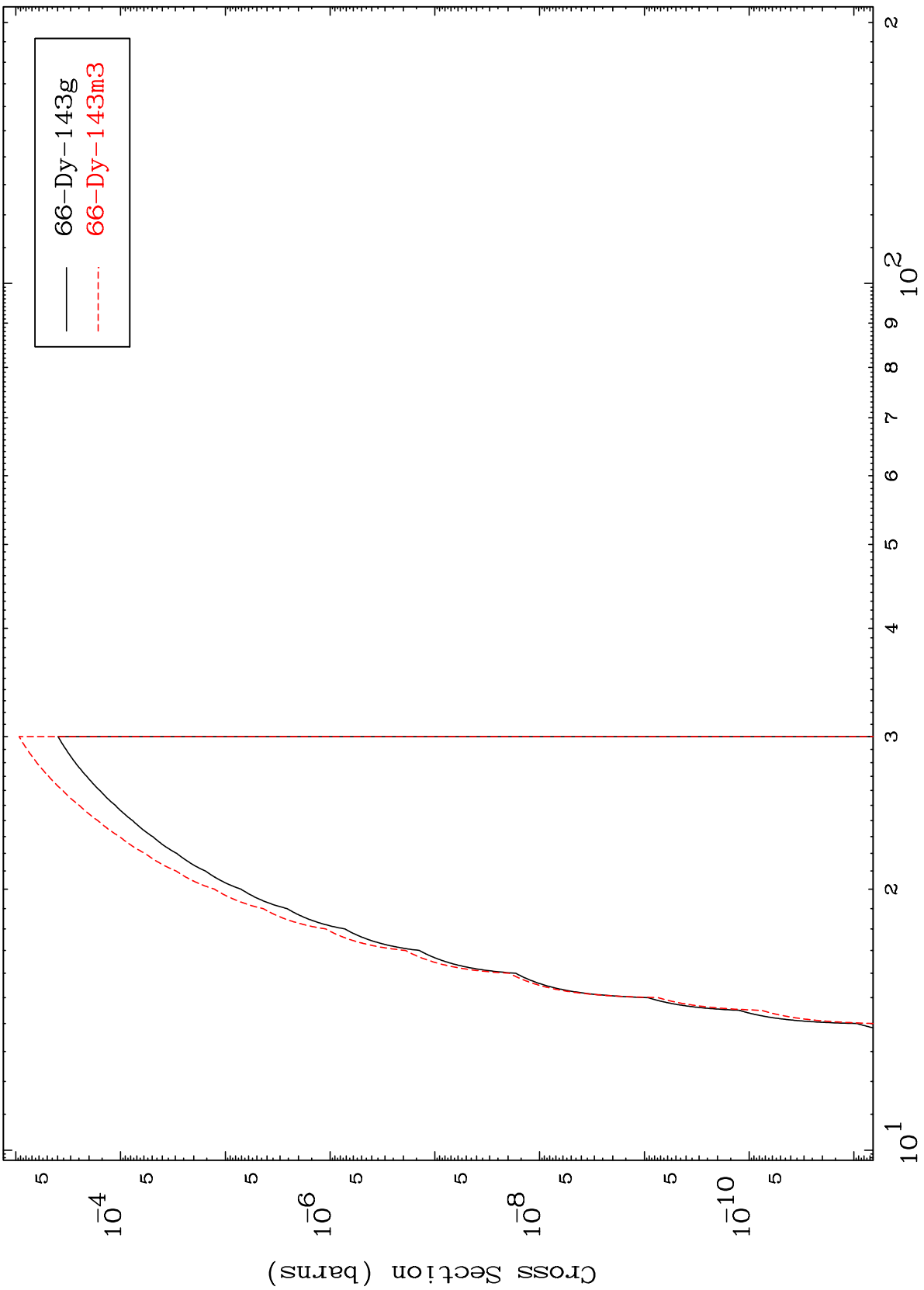
67-Ho-145

MAT 6665

(n,n') d

67-Ho-145

Radionuclide Production Cross Section



Incident Energy (MeV)

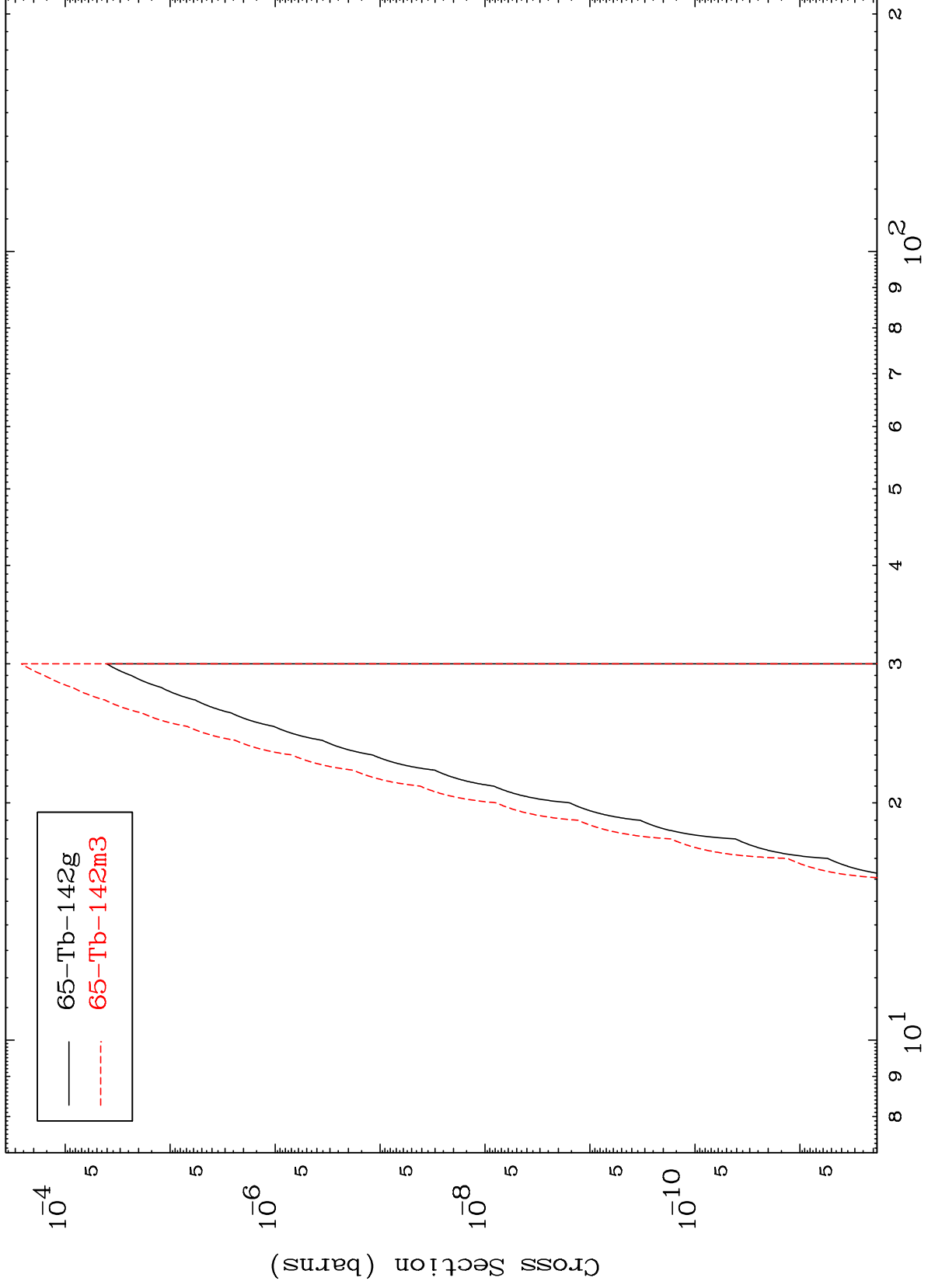
67-Ho-145

MAT 6665

(n,n') He-3

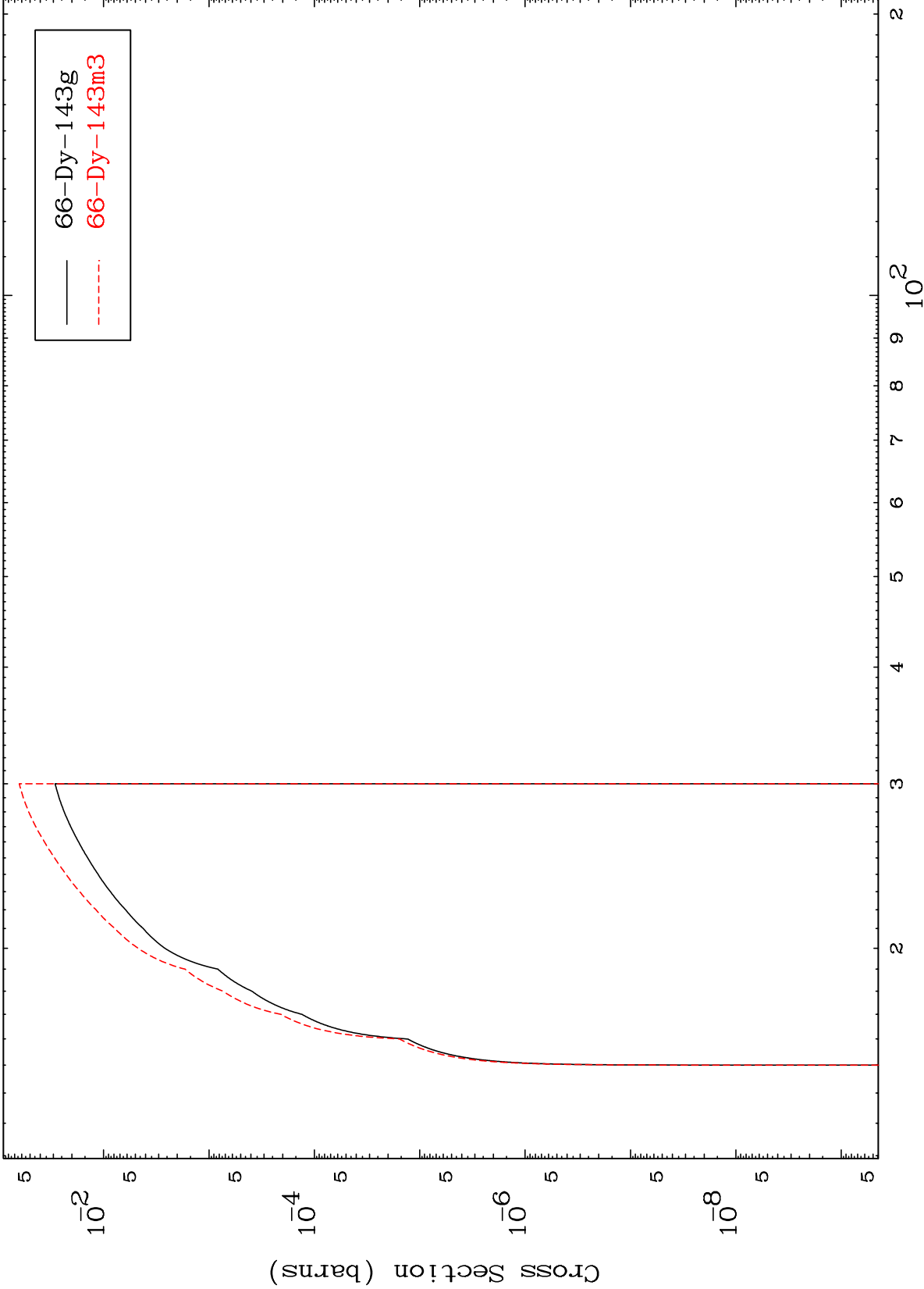
67-Ho-145

Radionuclide Production Cross Section



65-Tb-142g
65-Tb-142m3

Radionuclide Production Cross Section



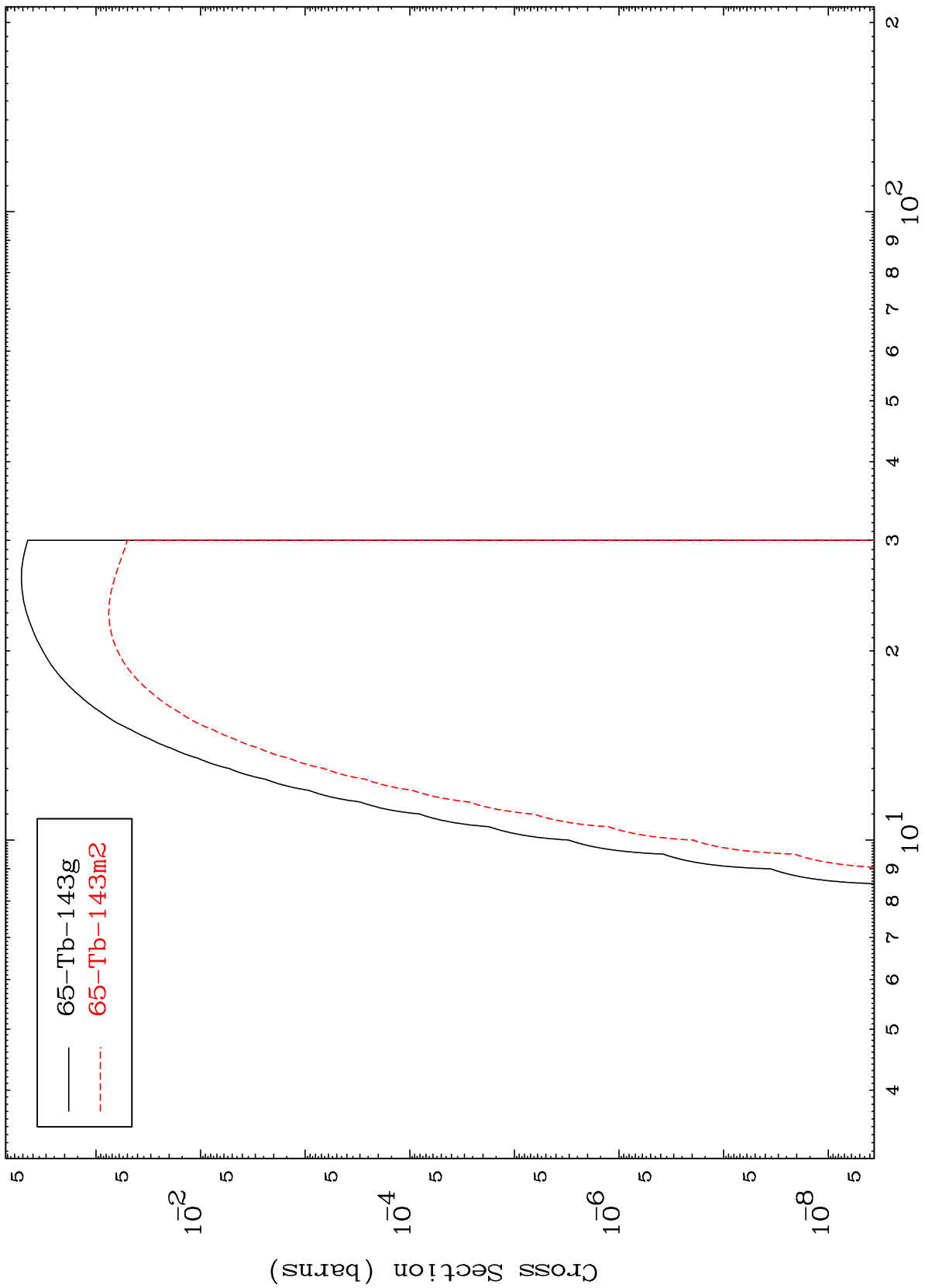
66-Dy-143g
66-Dy-143m3

MAT 6665

(n,2n) p

67-Ho-145

Radionuclide Production Cross Section



33

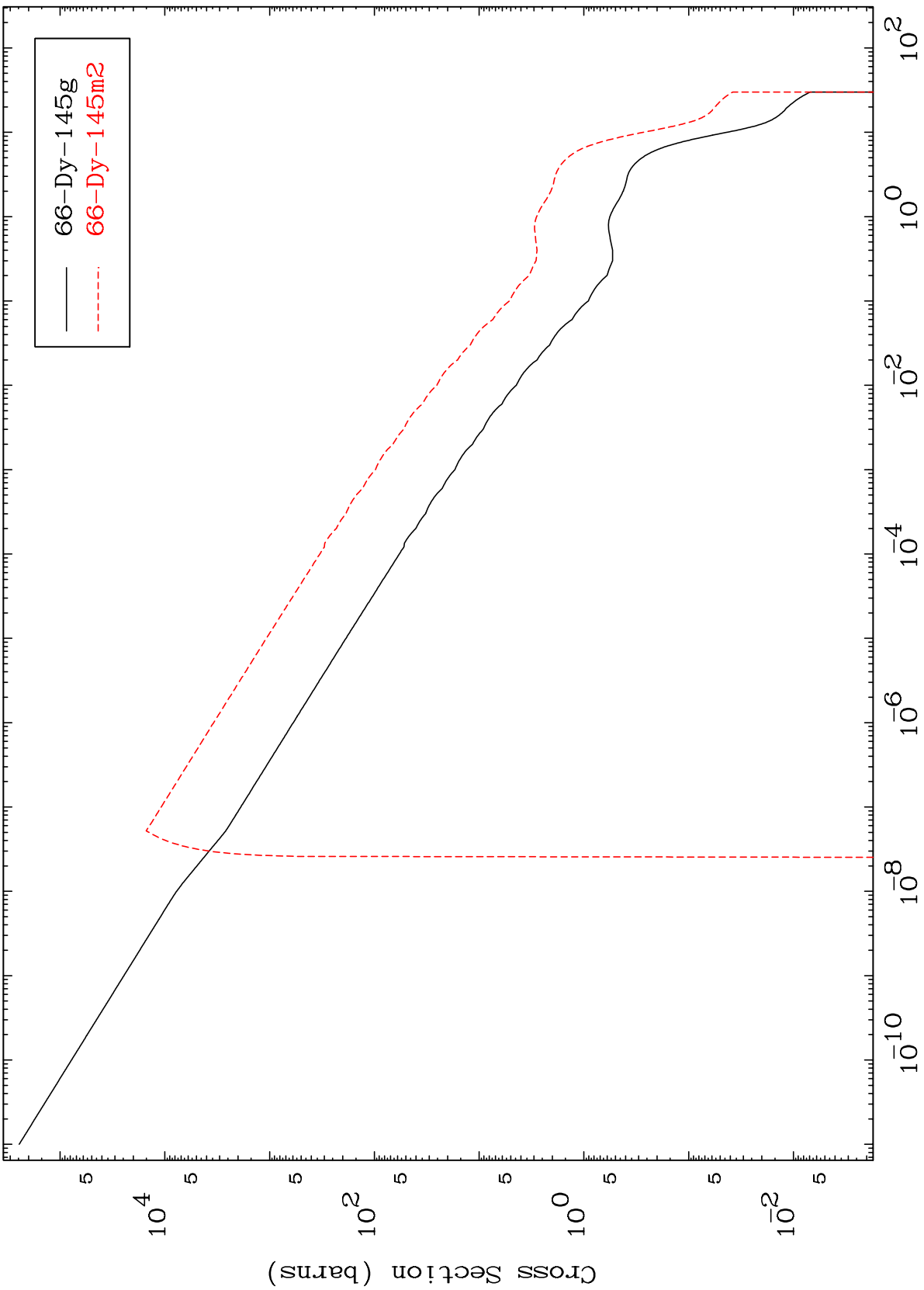
Incident Energy (MeV)

67-Ho-145

MAT 6665

67-Ho-145

(n,p)
Radionuclide Production Cross Section

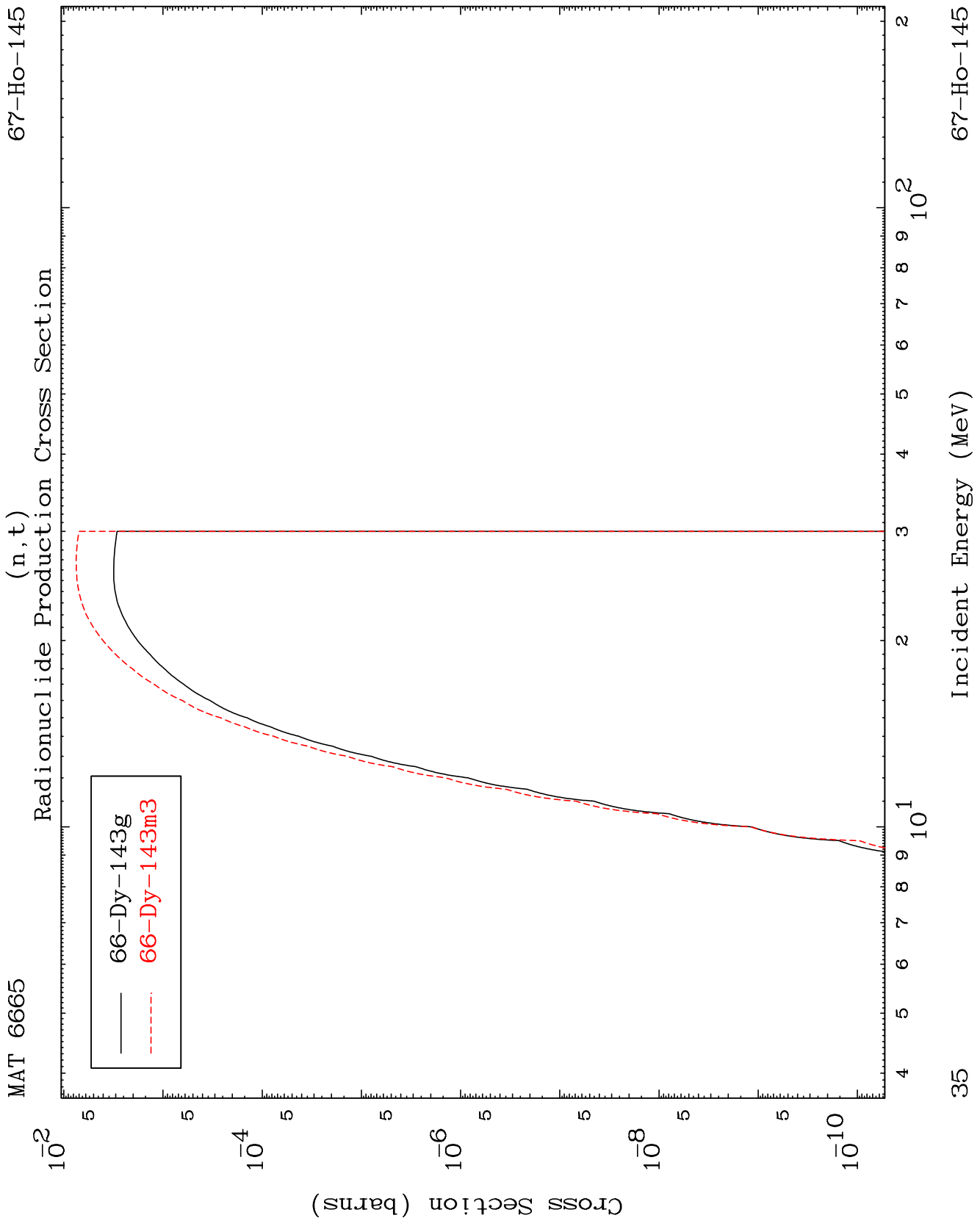


— 66-Dy-145g
- - - 66-Dy-145m2

Incident Energy (MeV)

67-Ho-145

34

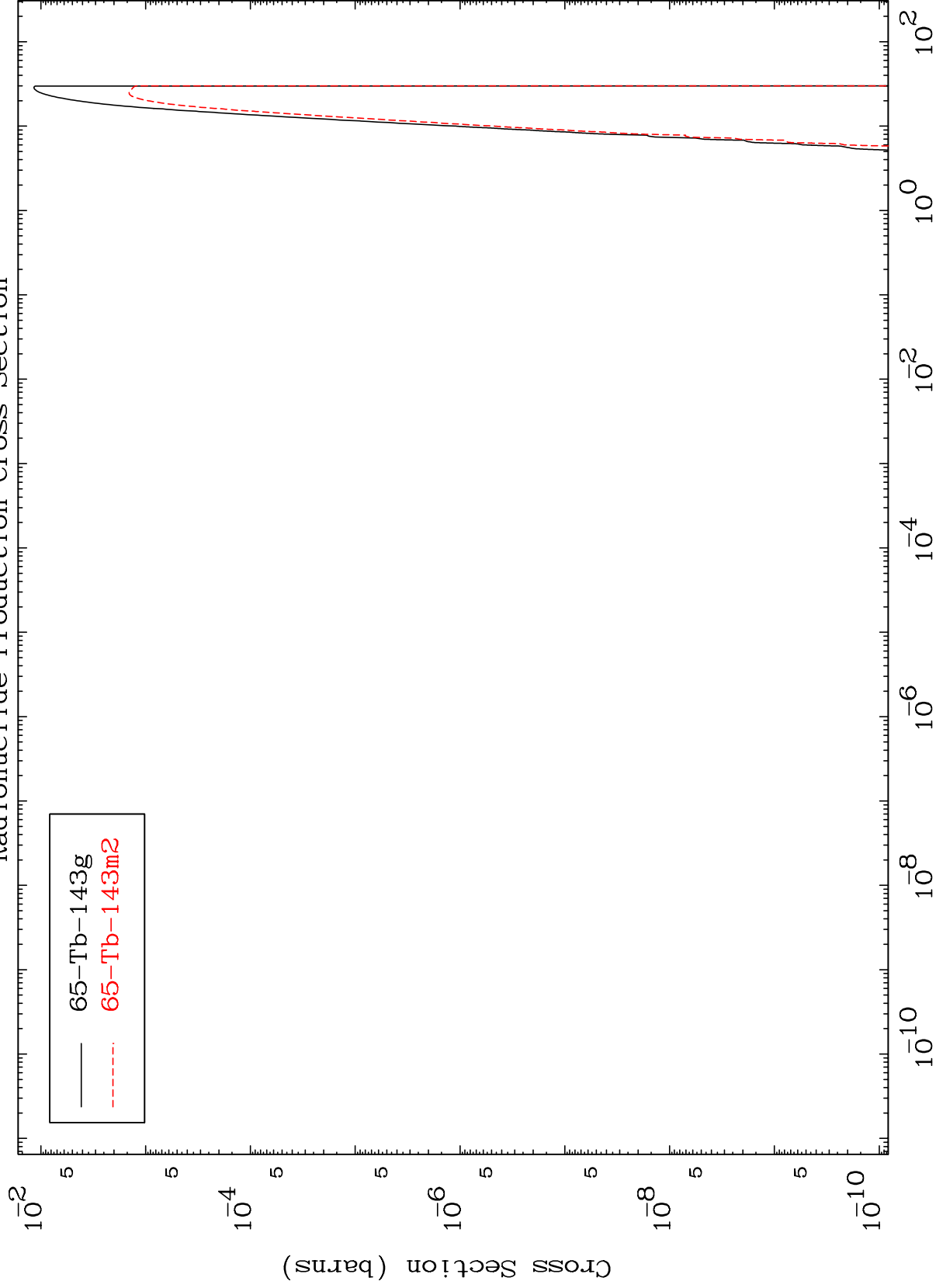


MAT 6665

(n,He-3)

67-Ho-145

Radionuclide Production Cross Section



36

Incident Energy (MeV)

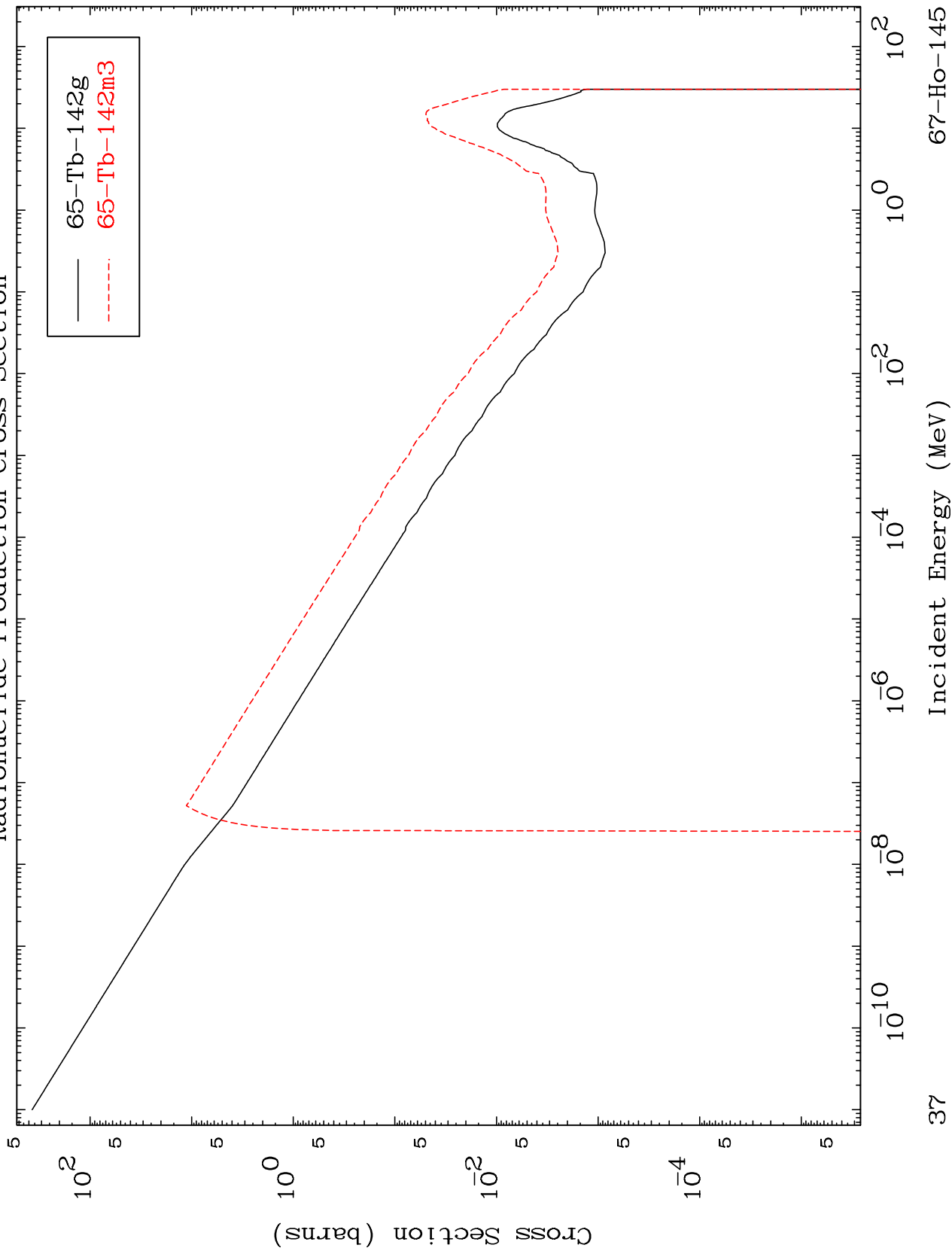
67-Ho-145

MAT 6665

(n, α)

67-Ho-145

Radionuclide Production Cross Section



37

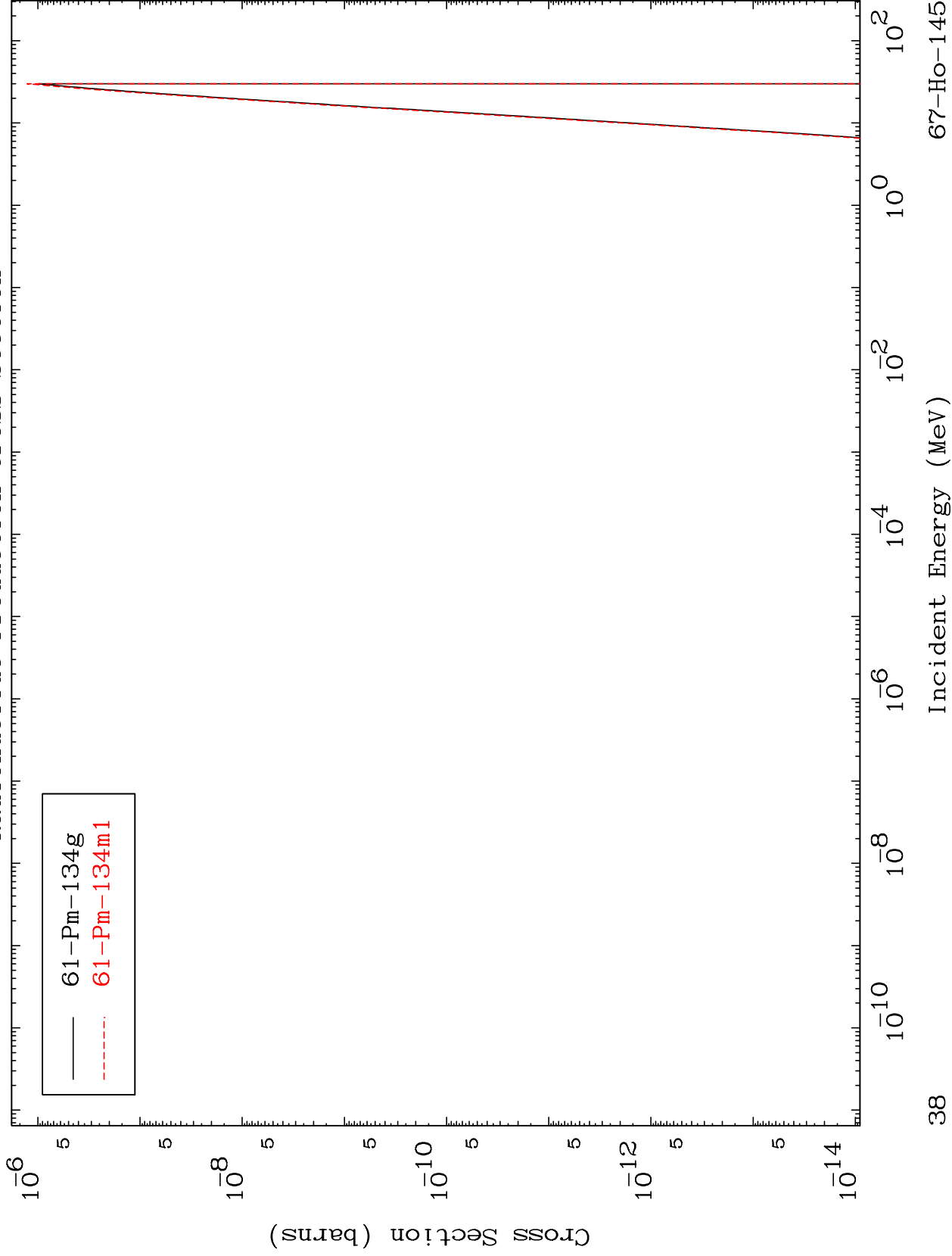
67-Ho-145

MAT 6665

(n,3 α)

67-Ho-145

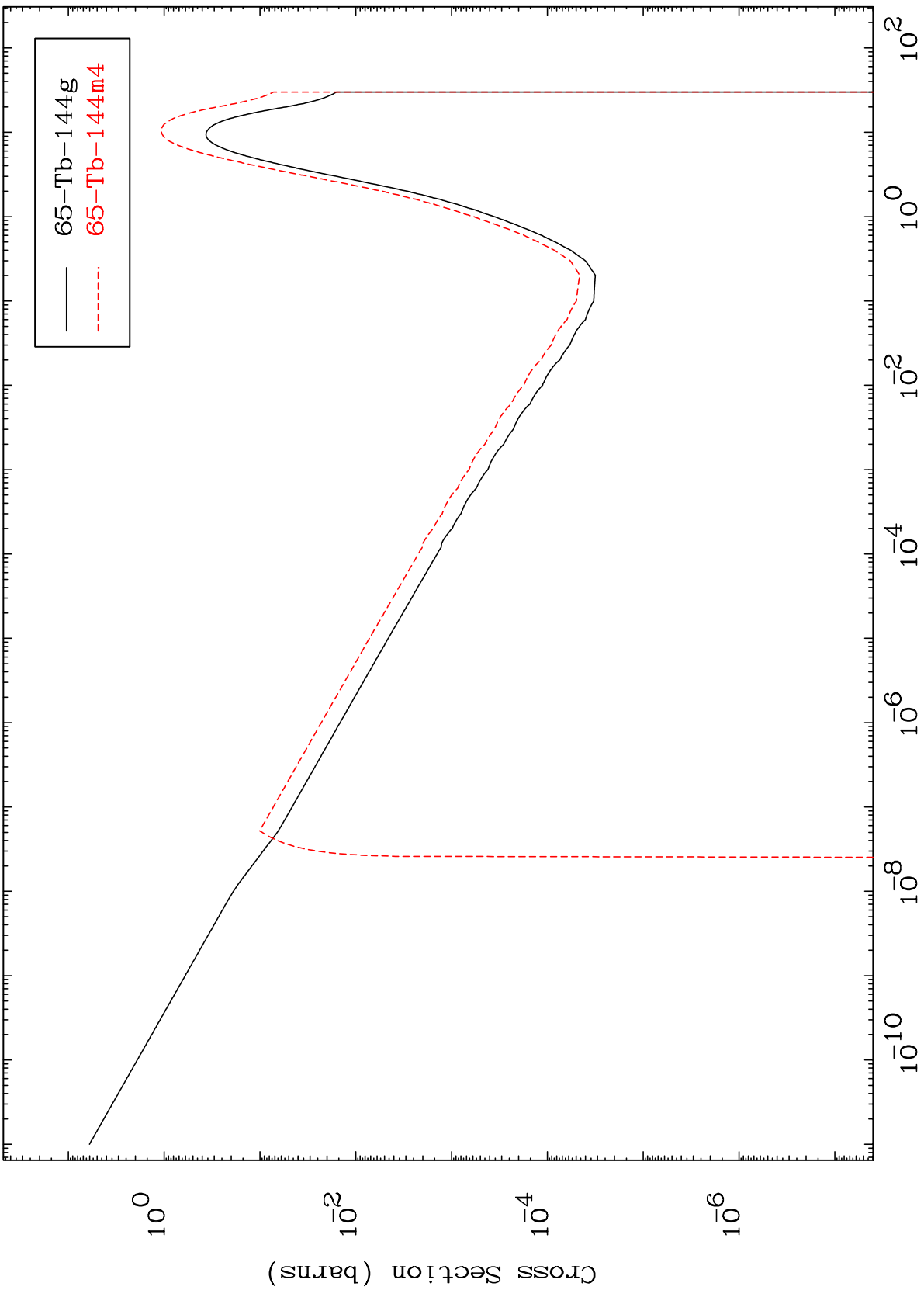
Radionuclide Production Cross Section



MAT 6665

67-Ho-145

(n,2p)
Radionuclide Production Cross Section



39

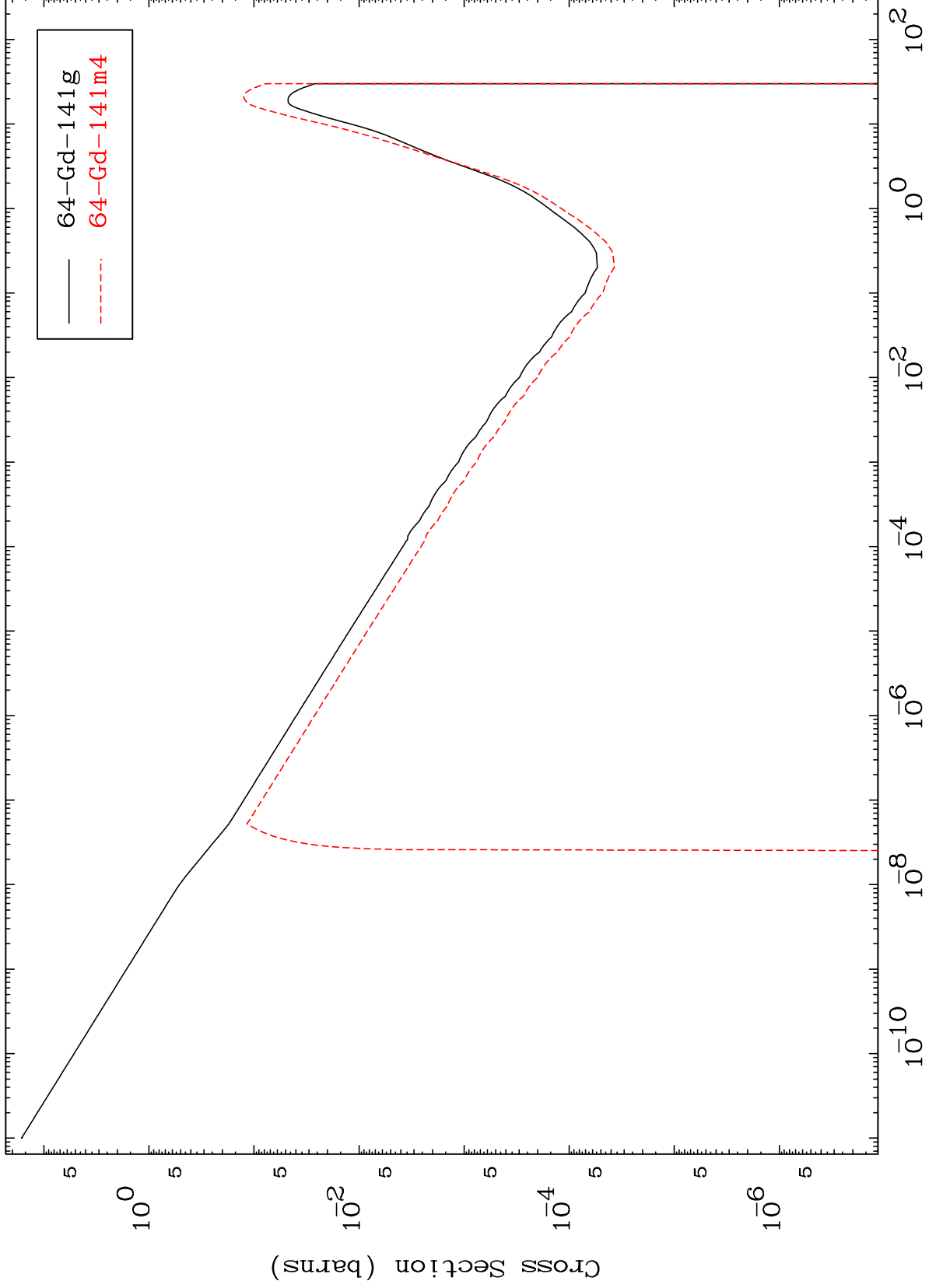
67-Ho-145

MAT 6665

(n,p) α

67-Ho-145

Radionuclide Production Cross Section



64-Gd-141g
64-Gd-141m4

40

Incident Energy (MeV)

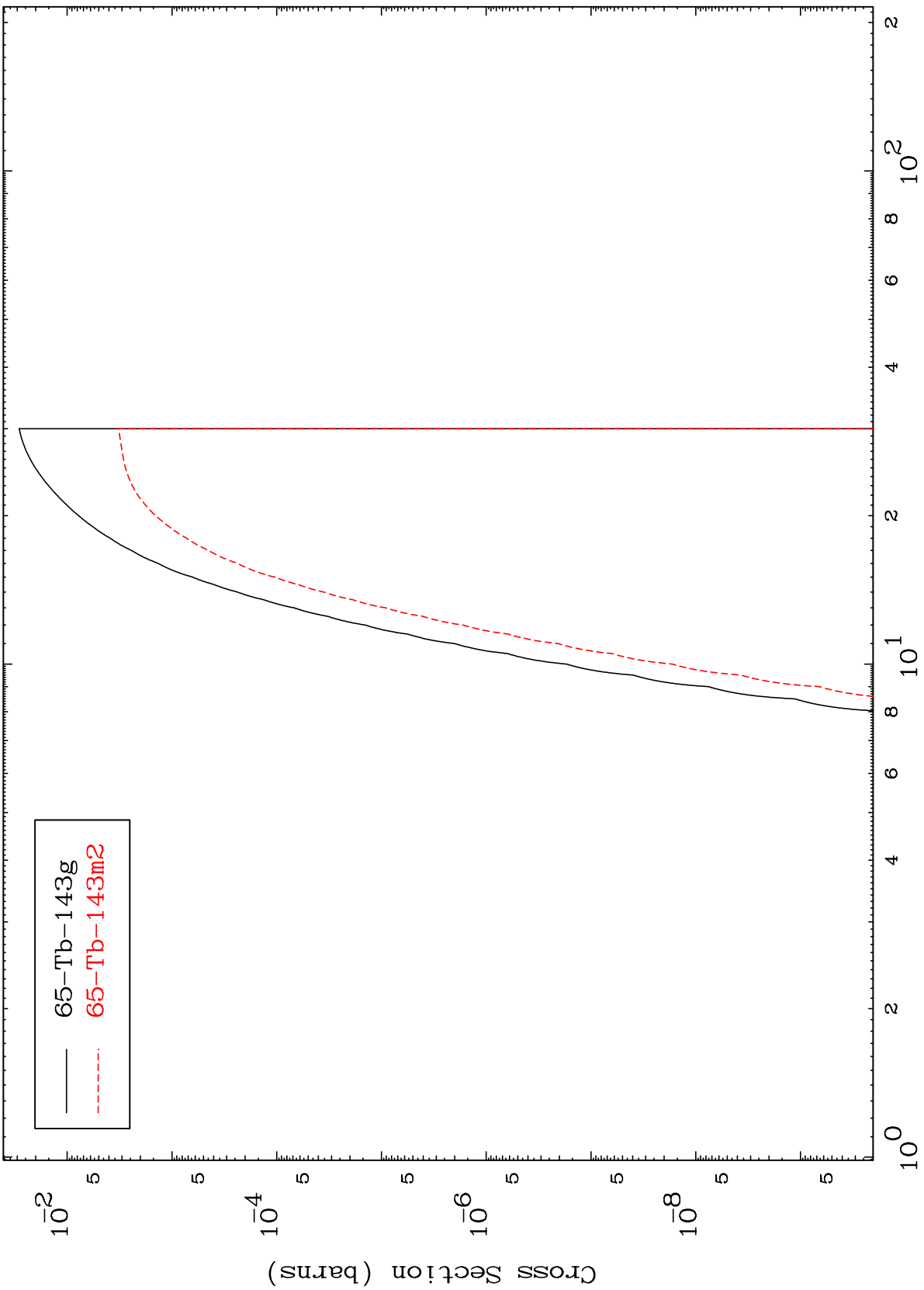
67-Ho-145

MAT 6665

(n,p) d

67-Ho-145

Radionuclide Production Cross Section



41

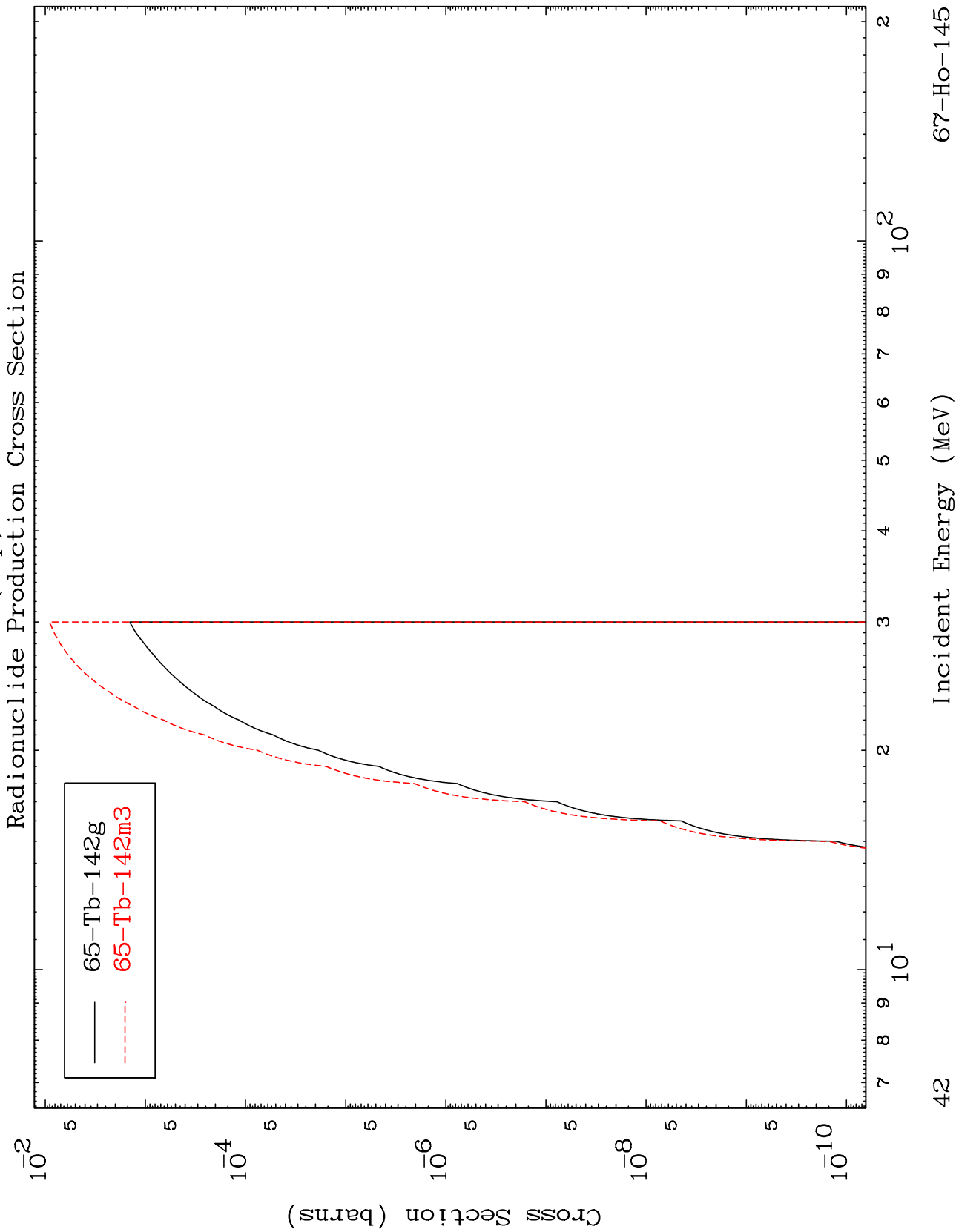
Incident Energy (MeV)

67-Ho-145

MAT 6665

(n,p) t

67-Ho-145



65-Tb-142g
65-Tb-142m3