

Program EVALPLOT
(Version 2017-1)

by

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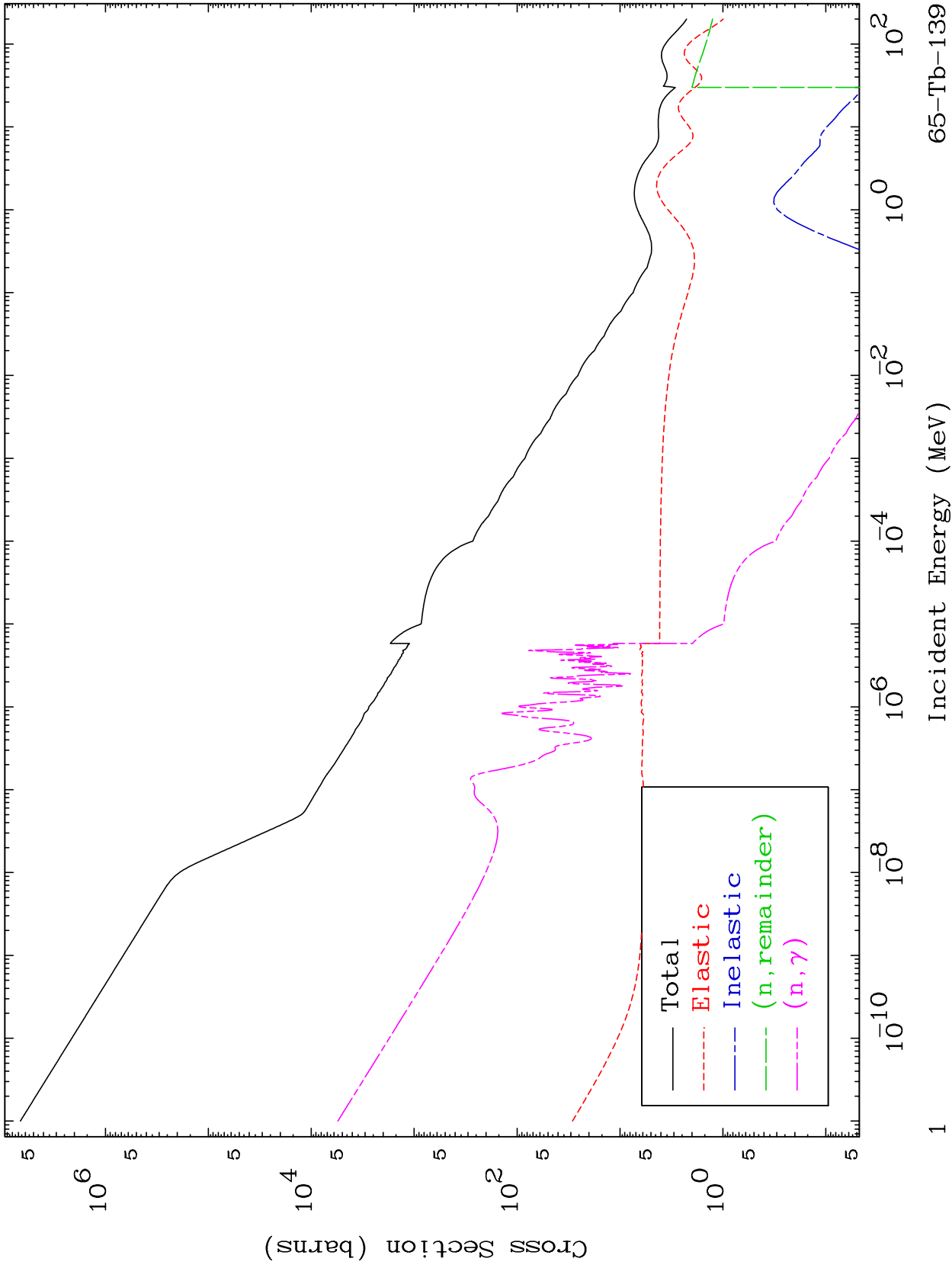
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6465

Major
293 Kelvin Cross Sections

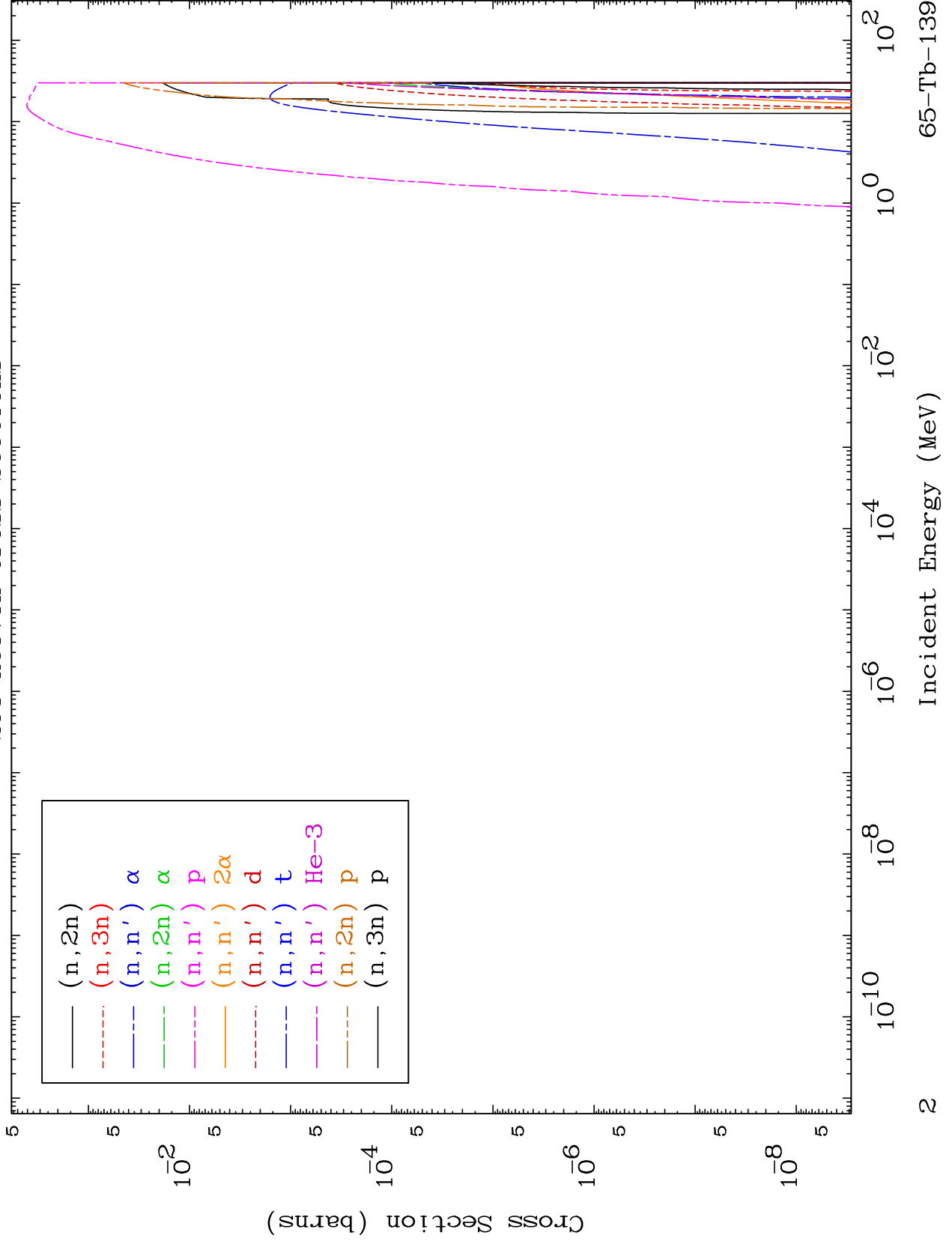
65-Tb-139



MAT 6465

Neutron Production
293 Kelvin Cross Sections

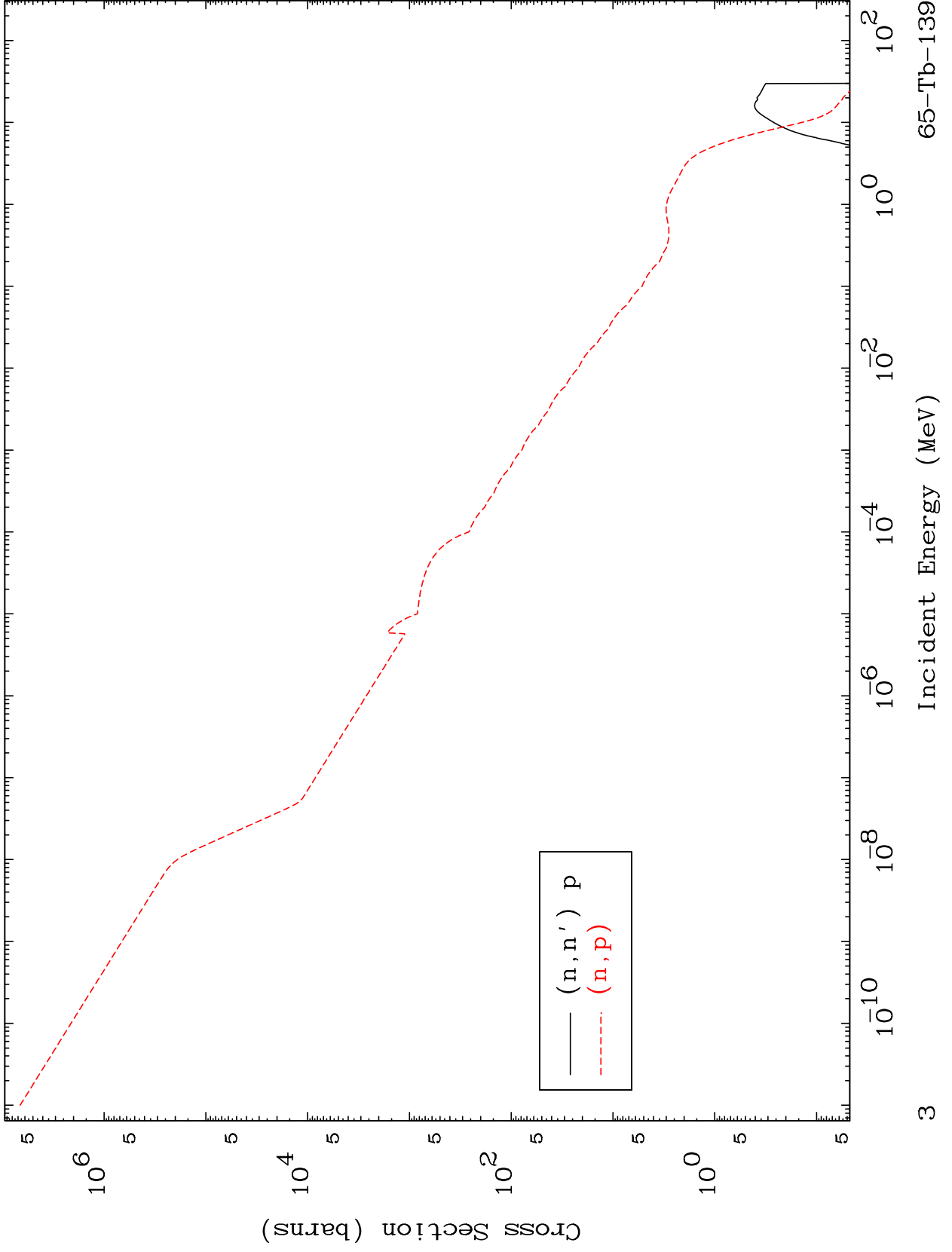
65-Tb-139



MAT 6465

Charged Particle
293 Kelvin Cross Sections

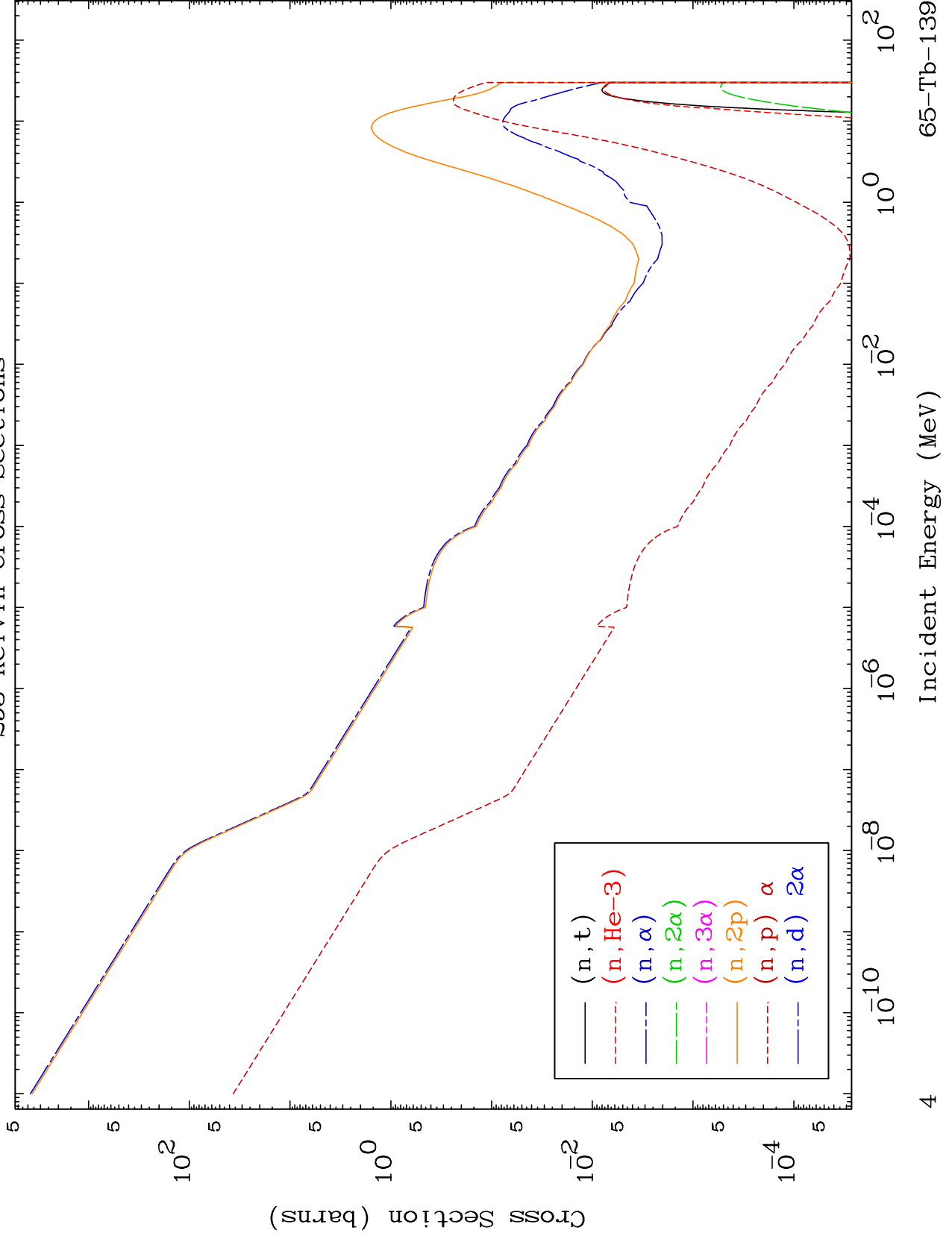
65-Tb-139



MAT 6465

Charged Particle
293 Kelvin Cross Sections

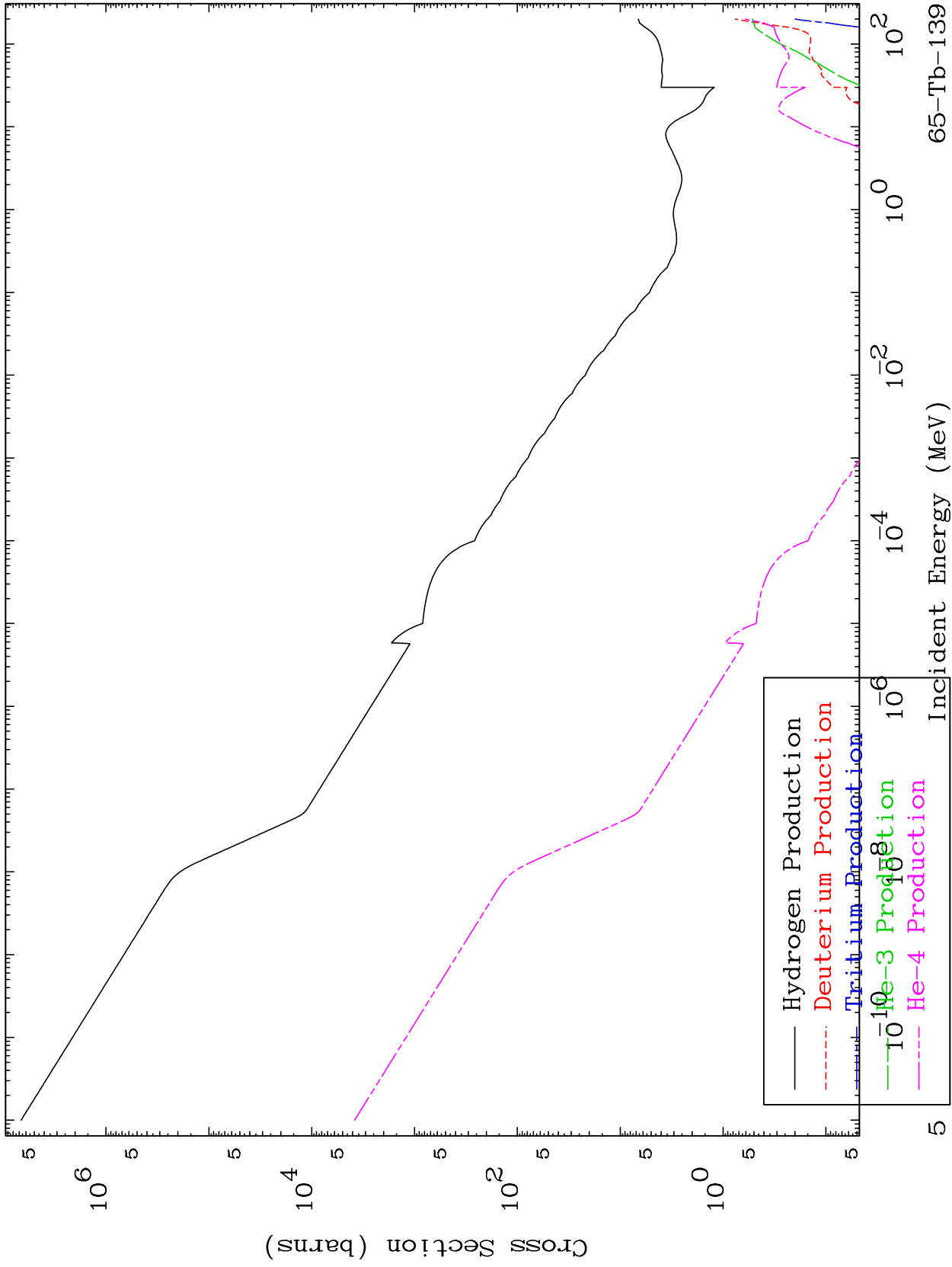
65-Tb-139



MAT 6465

Particle Production
293 Kelvin Cross Sections

65-Tb-139

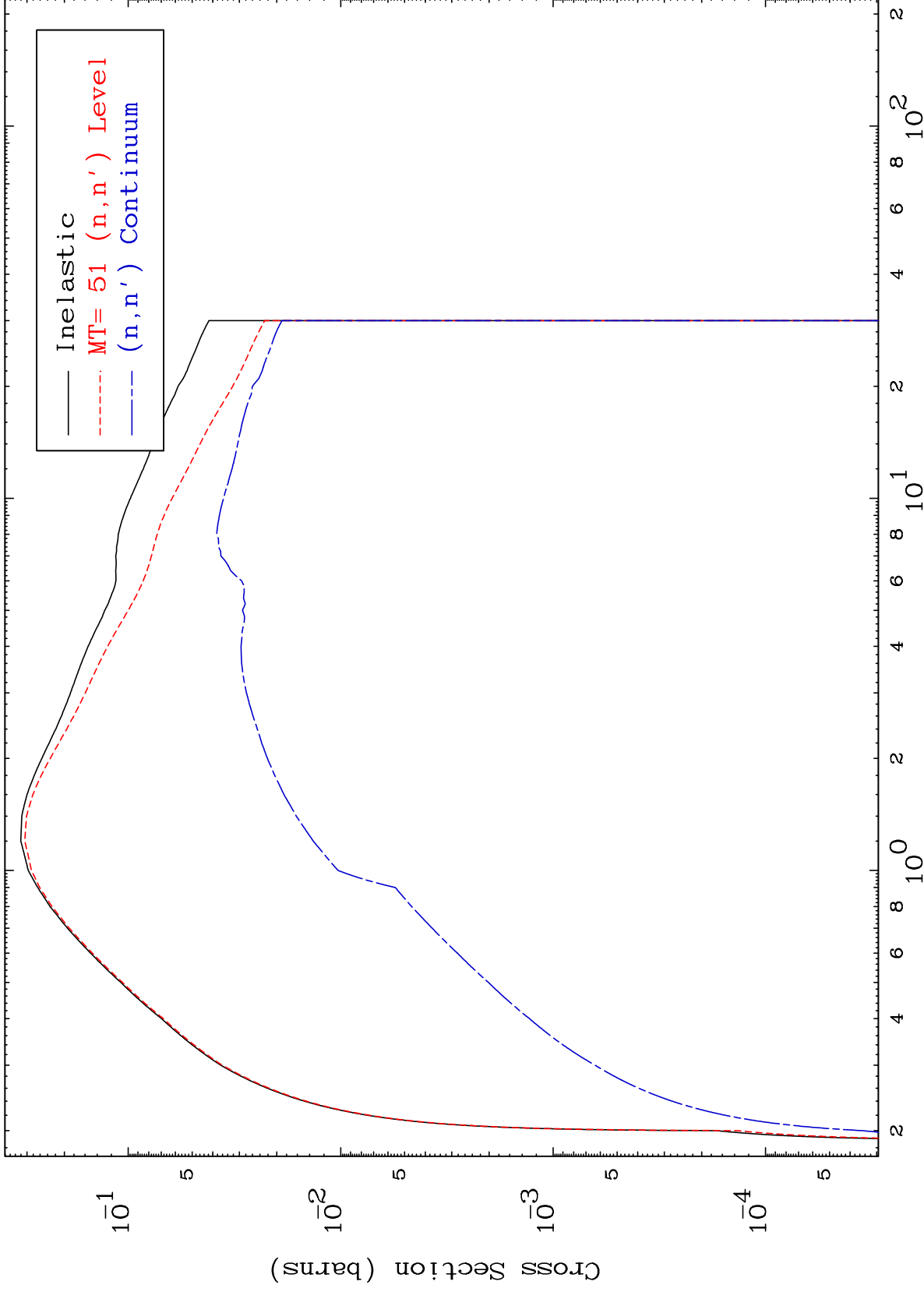


MAT 6465

(n,n') Level

65-Tb-139

293 Kelvin Cross Sections



6

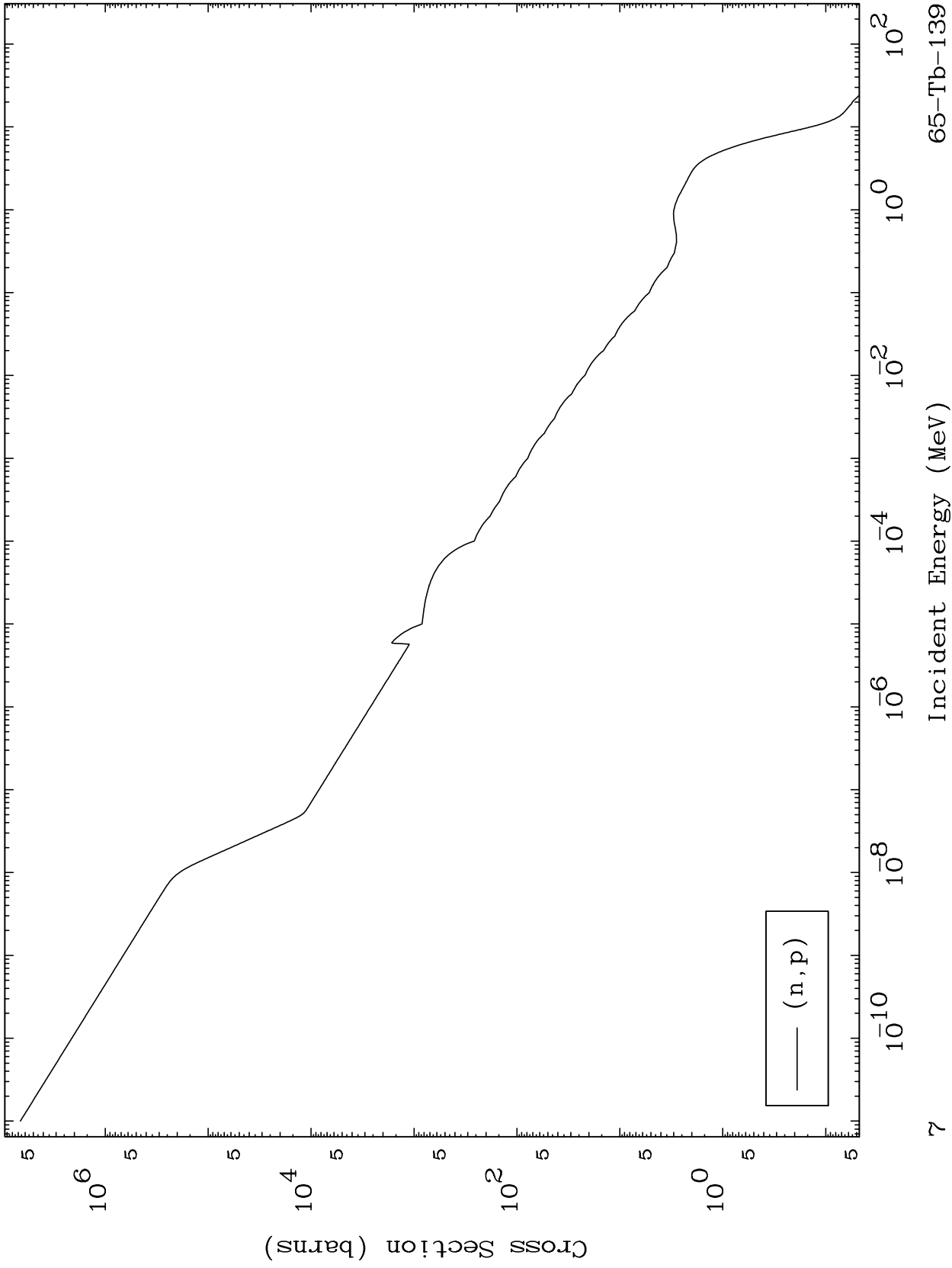
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n,p) Levels
293 Kelvin Cross Sections

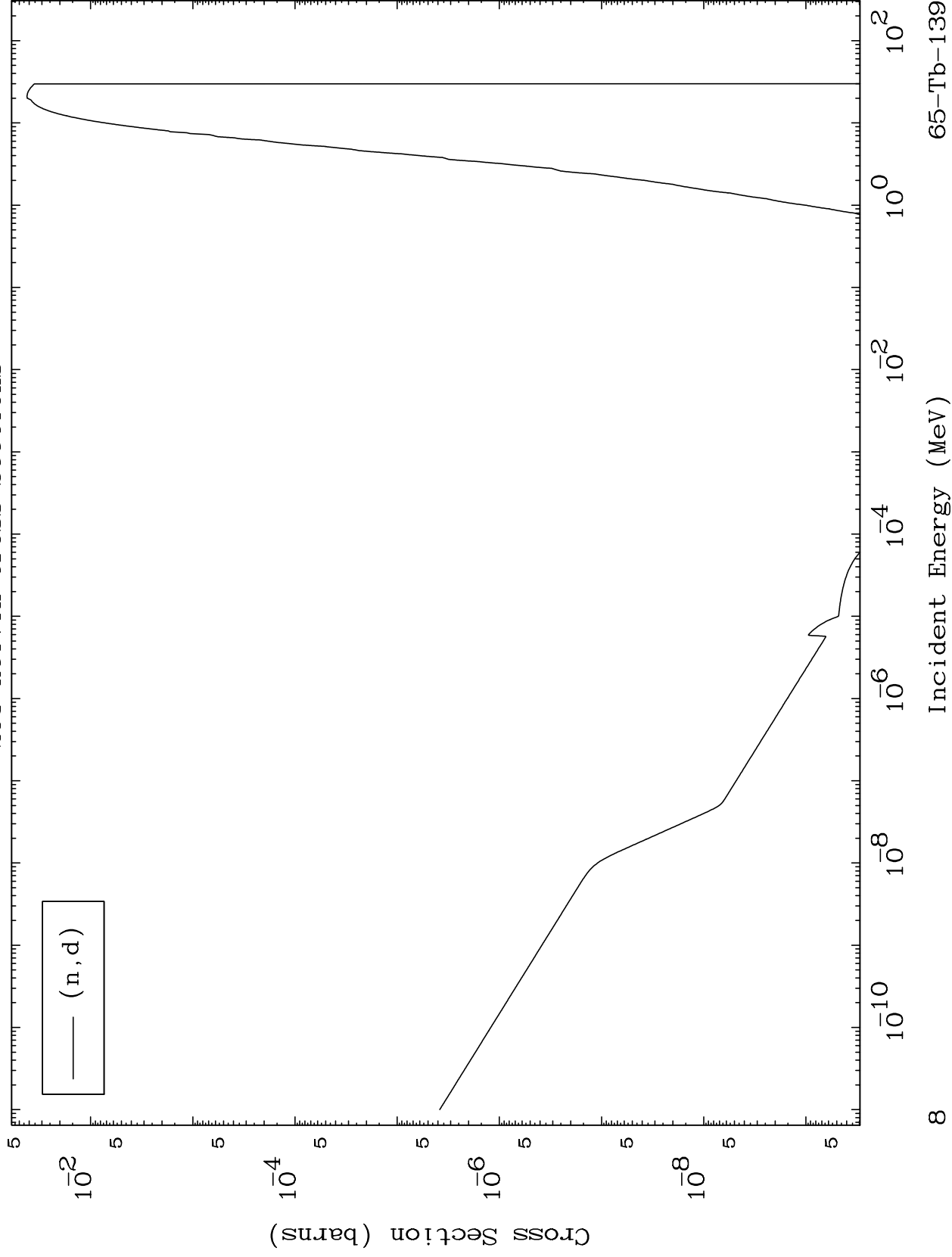
65-Tb-139



MAT 6465

(n,d) Levels
293 Kelvin Cross Sections

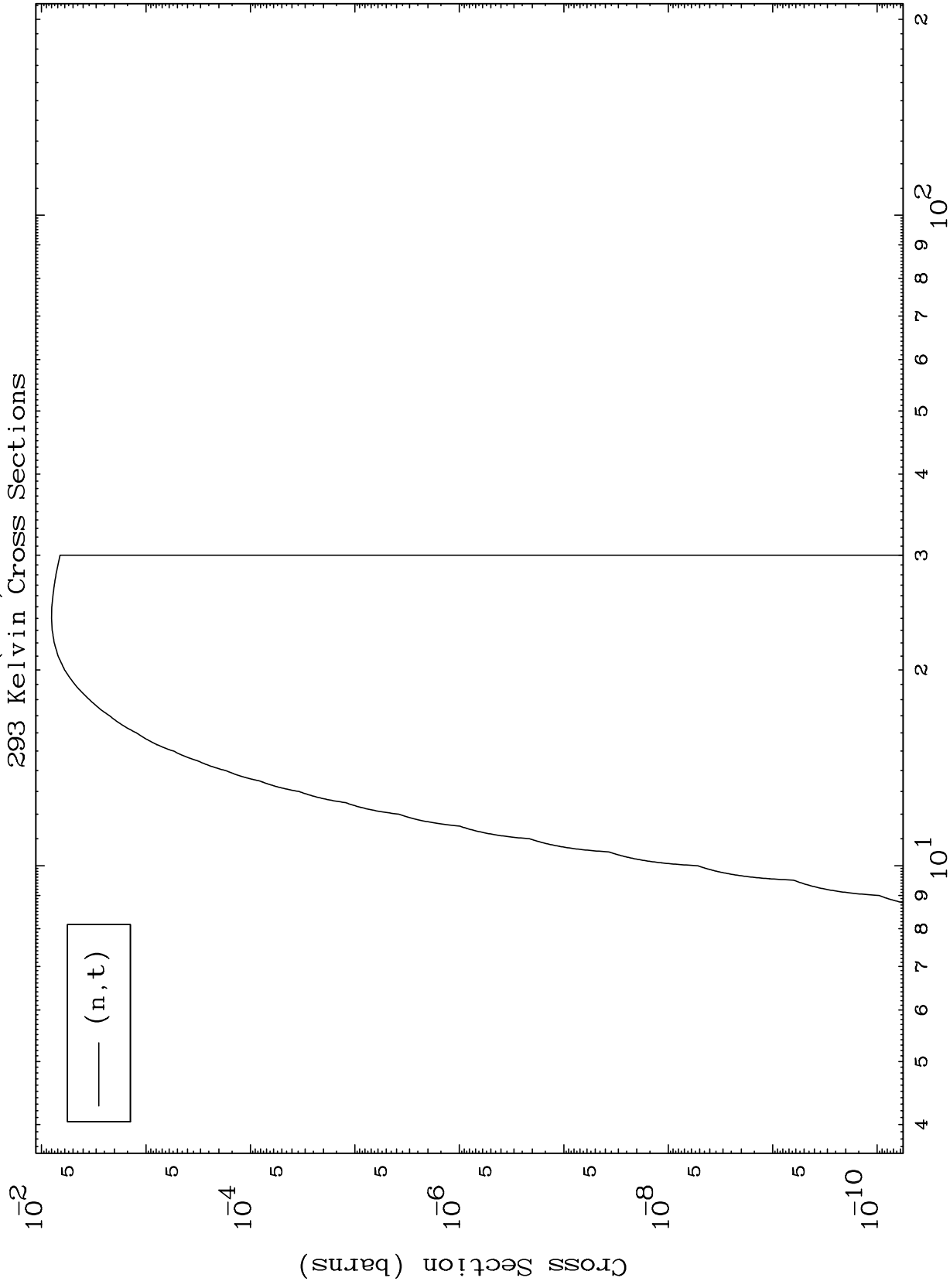
65-Tb-139



MAT 6465

(n,t) Levels
293 Kelvin Cross Sections

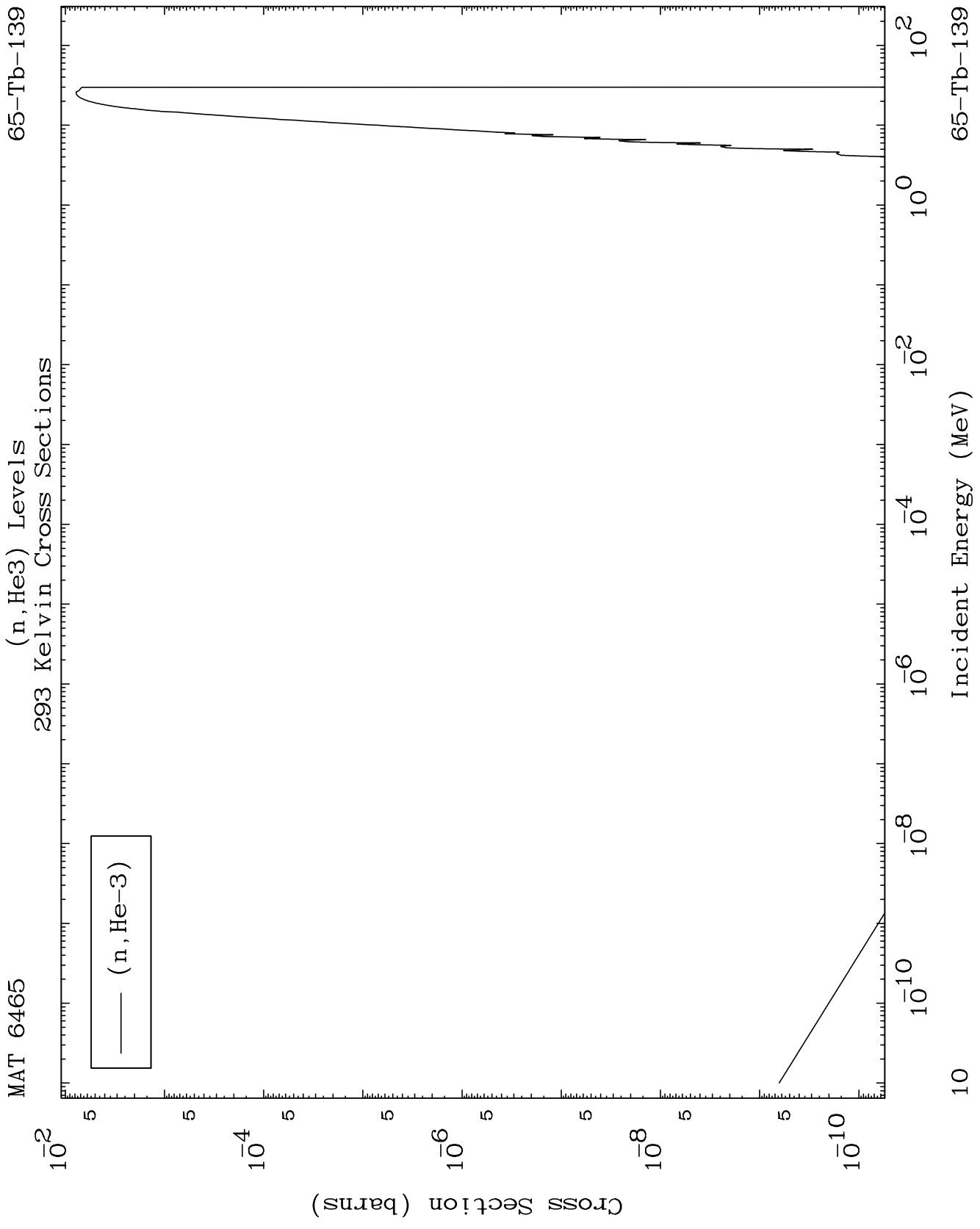
65-Tb-139



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Incident Energy (MeV)

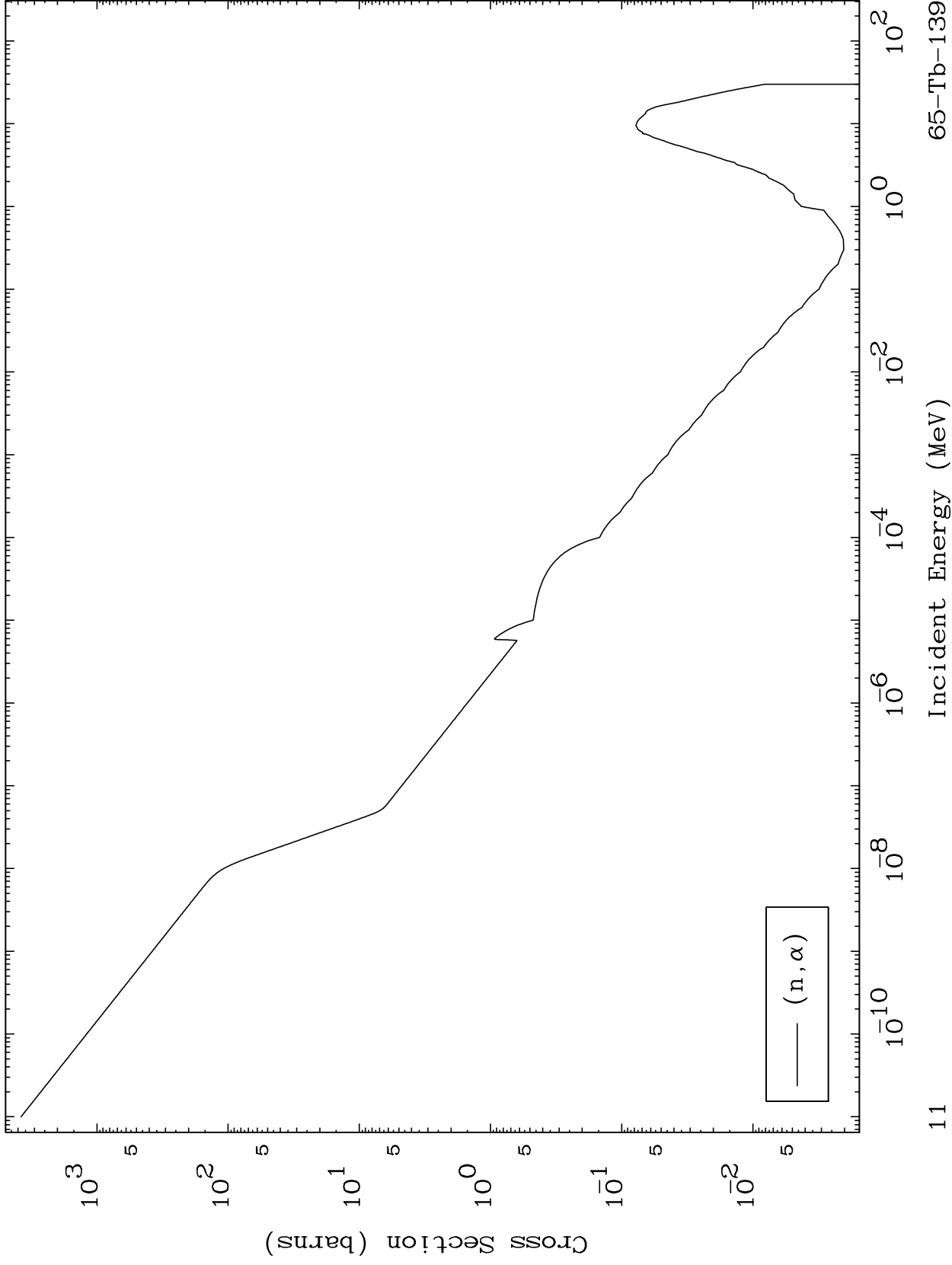
65-Tb-139

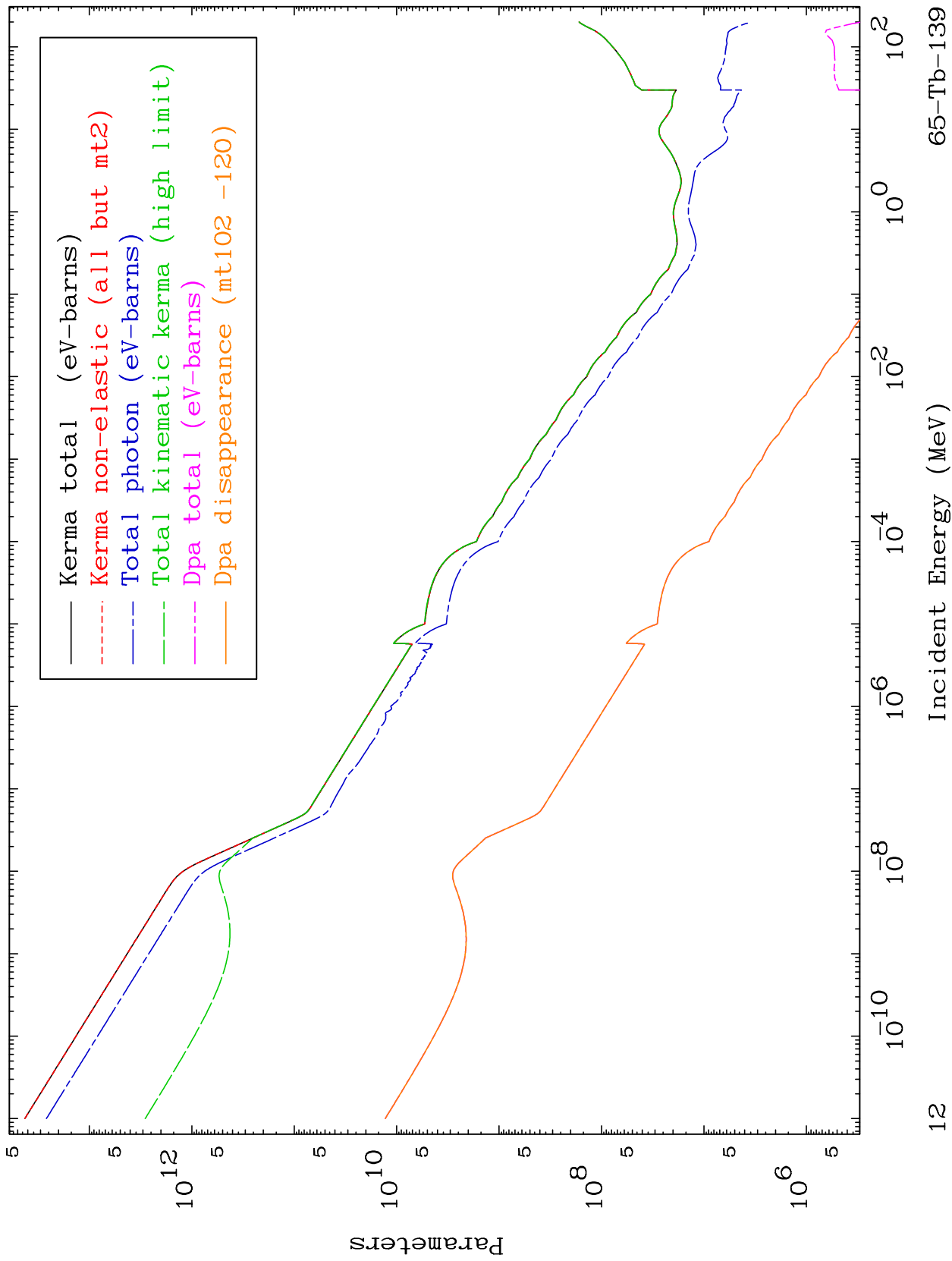


MAT 6465

(n, α) Levels
293 Kelvin Cross Sections

65-Tb-139

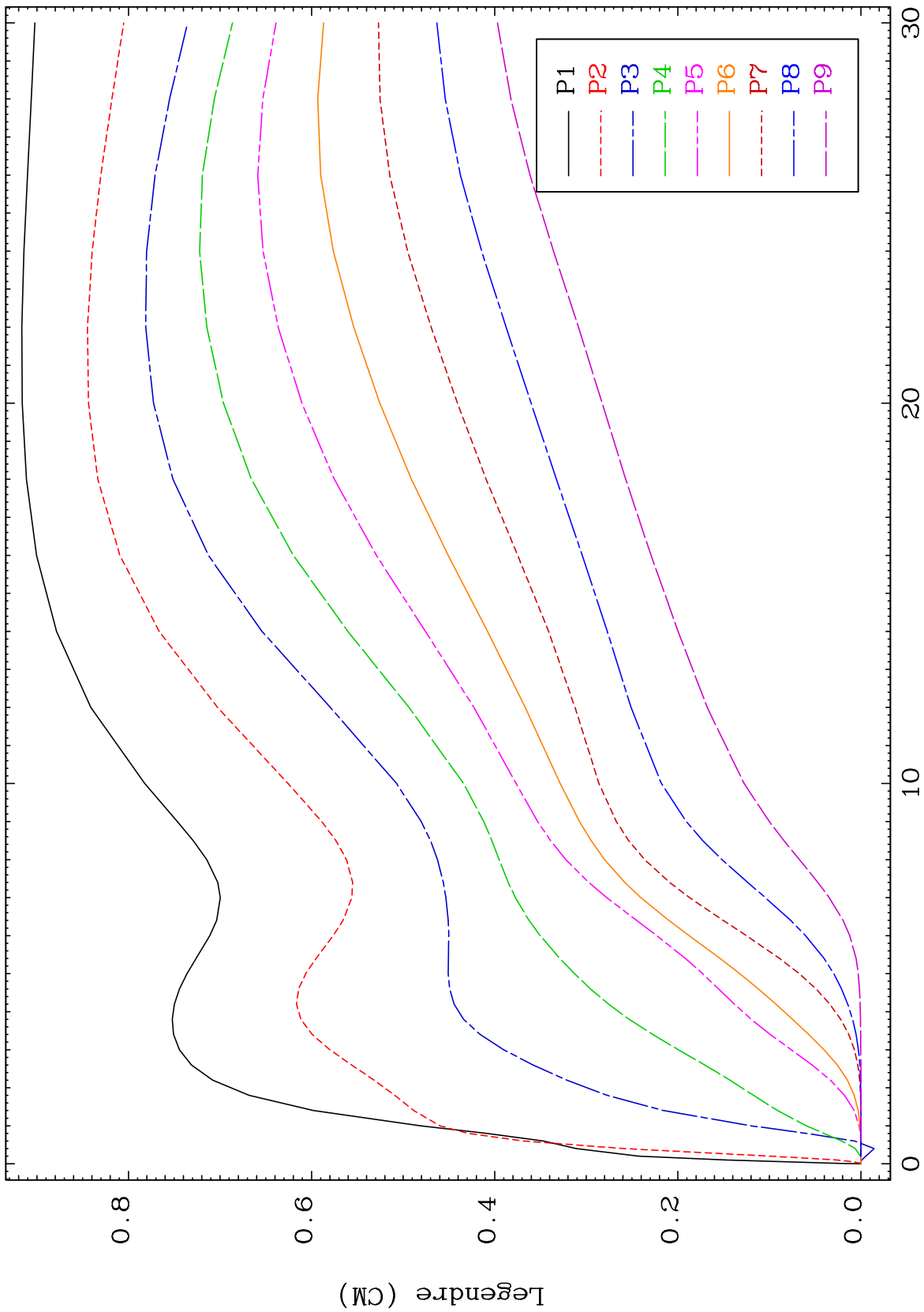




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Elastic Legendre Coefficients

65-Tb-139



13

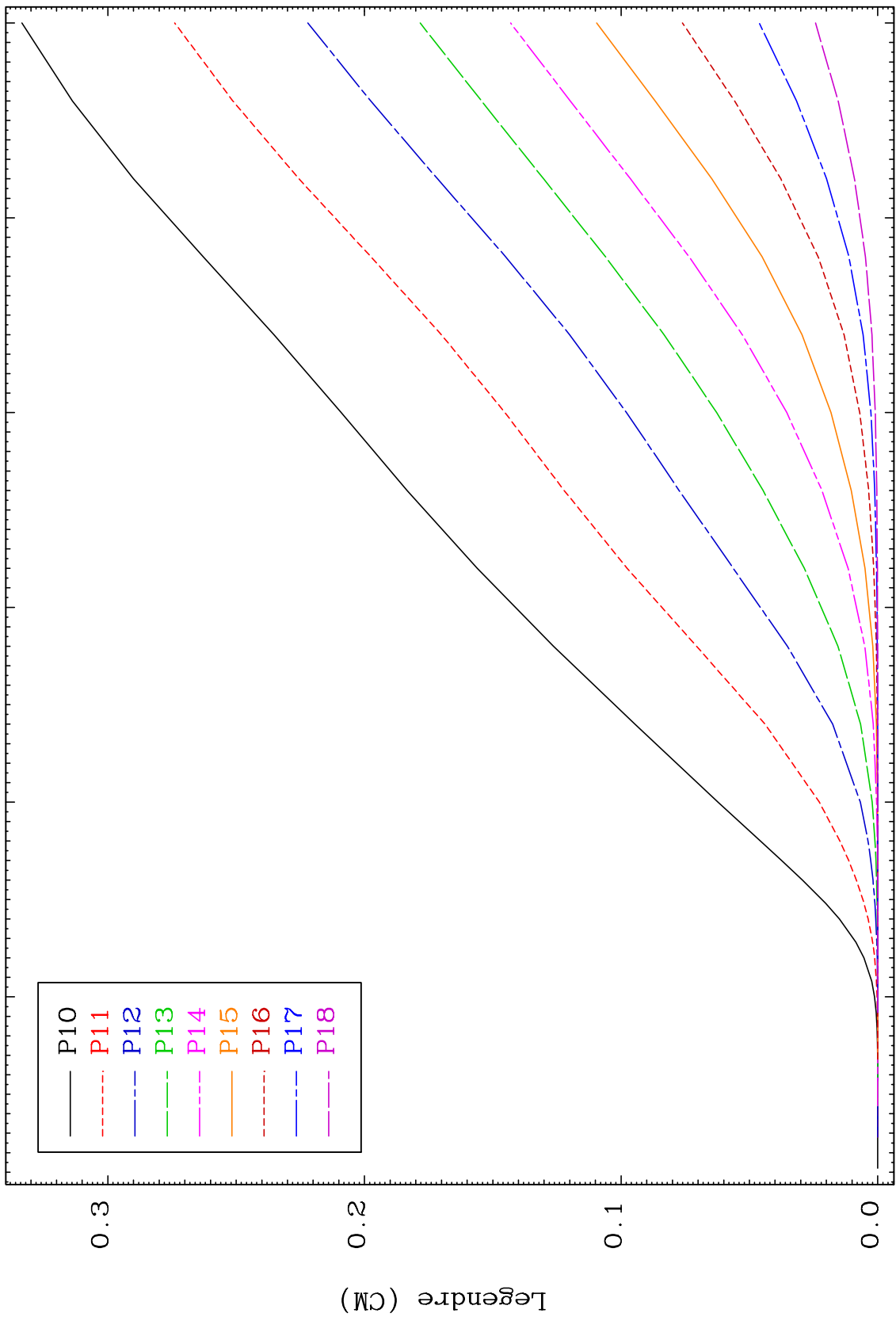
Incident Energy (MeV)

65-Tb-139

MAT 6465

Elastic Legendre Coefficients

65-Tb-139



14

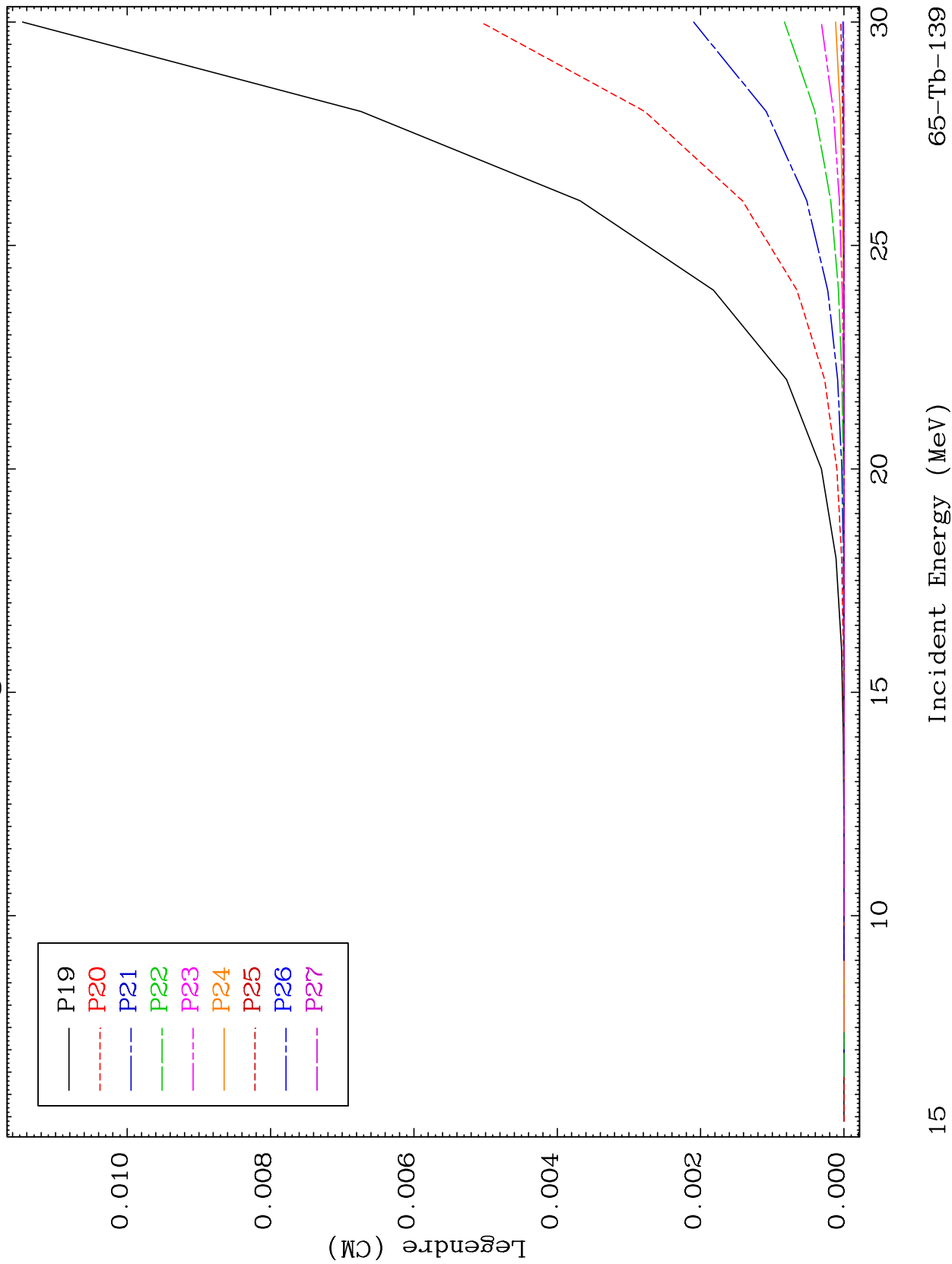
Incident Energy (MeV)

65-Tb-139

MAT 6465

Elastic Legendre Coefficients

65-Tb-139



15

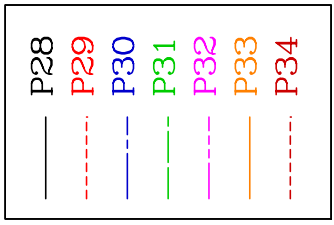
Incident Energy (MeV)

65-Tb-139

MAT 6465

Elastic Legendre Coefficients

65-Tb-139



$\times 10^{-6}$

1.2

1.0

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

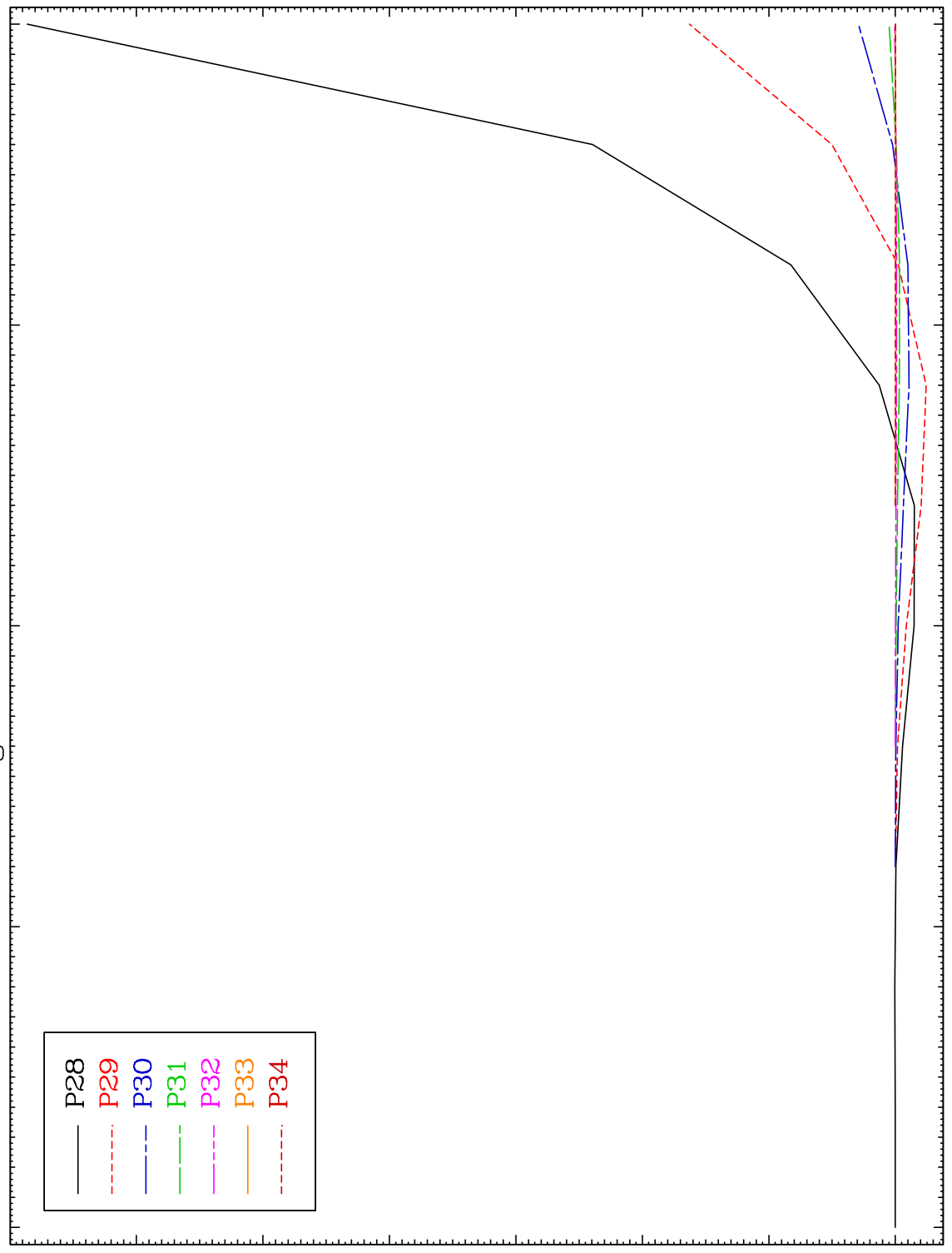
25

30

16

Incident Energy (MeV)

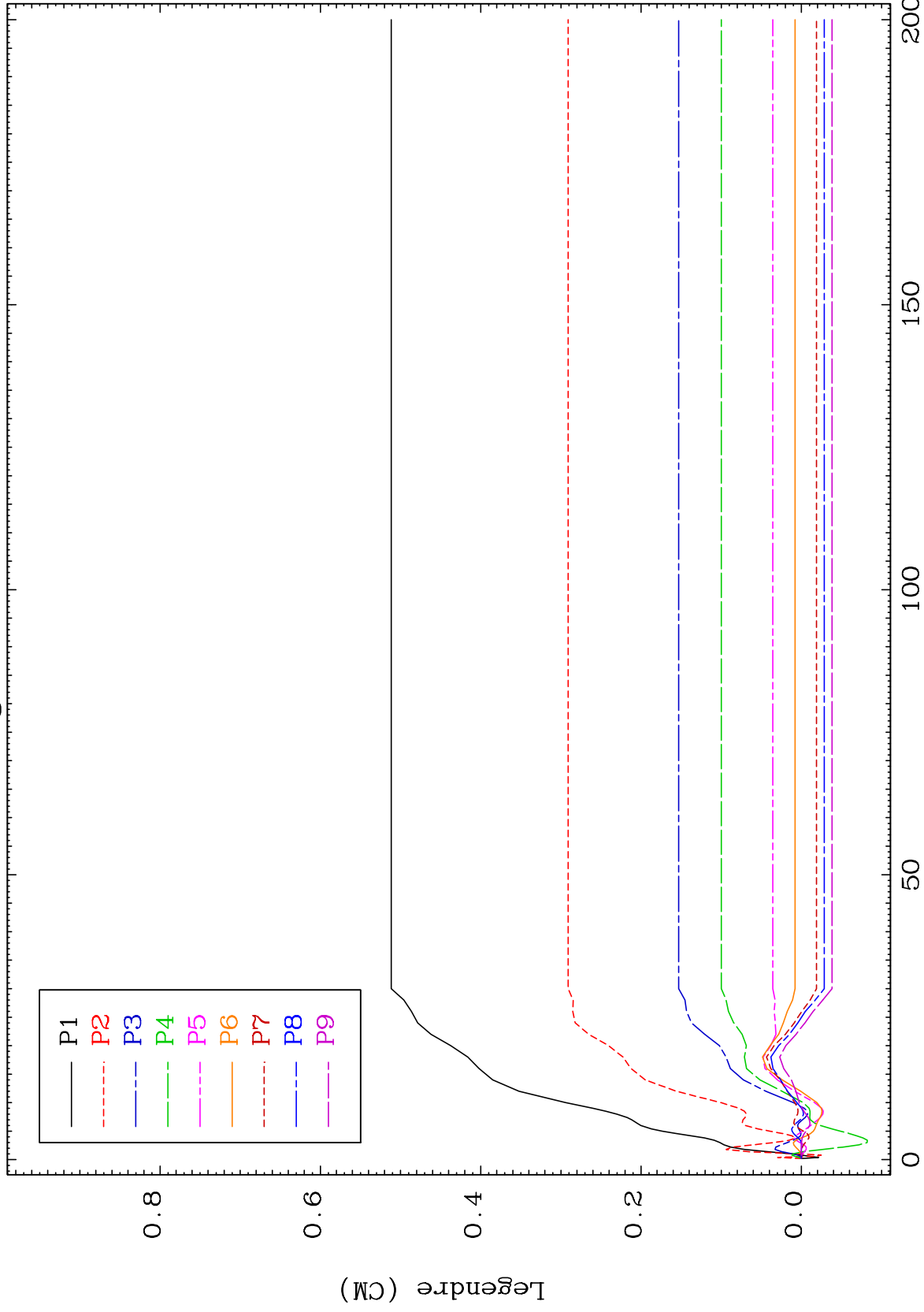
65-Tb-139



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

65-Tb-139



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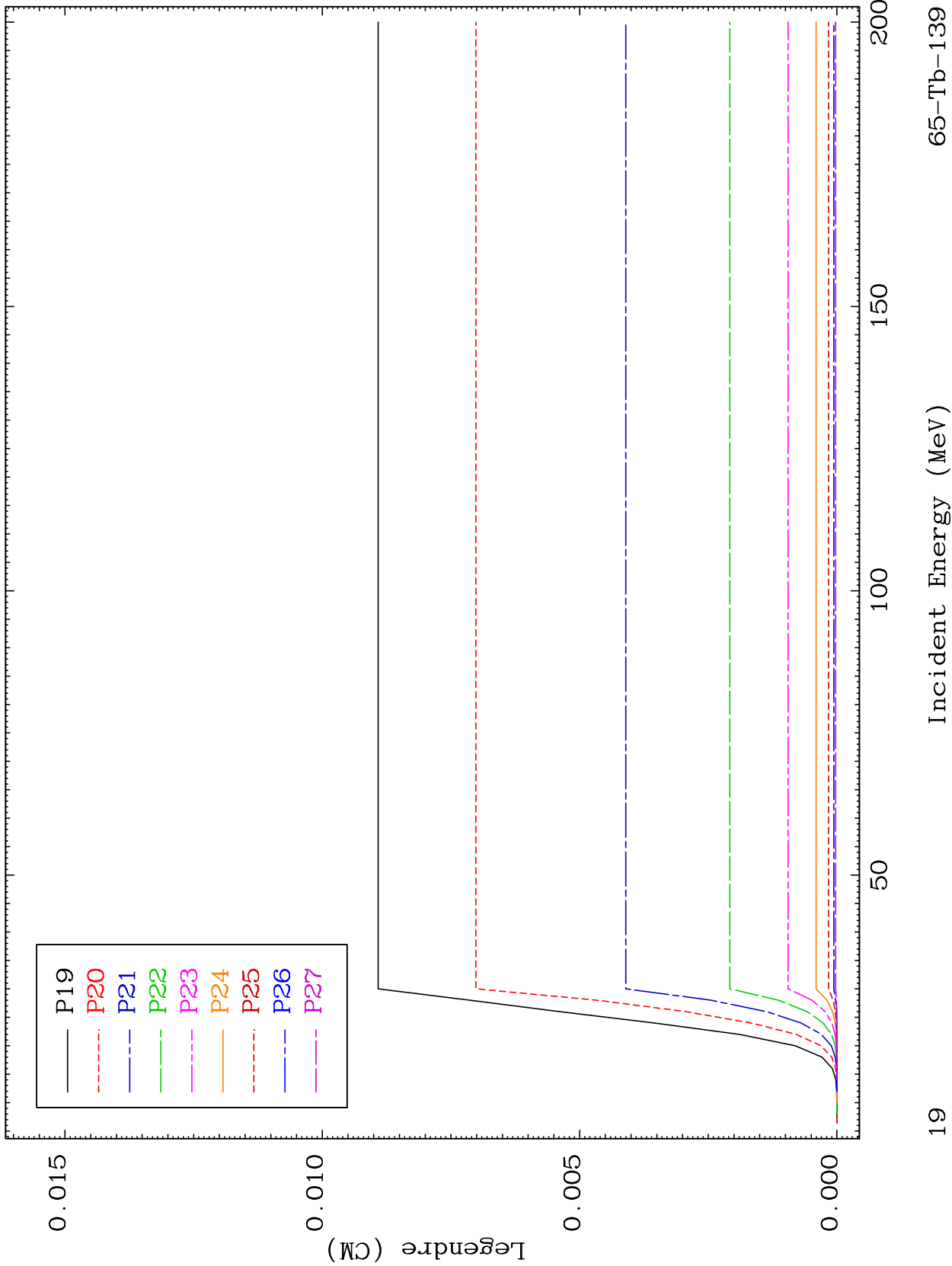
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

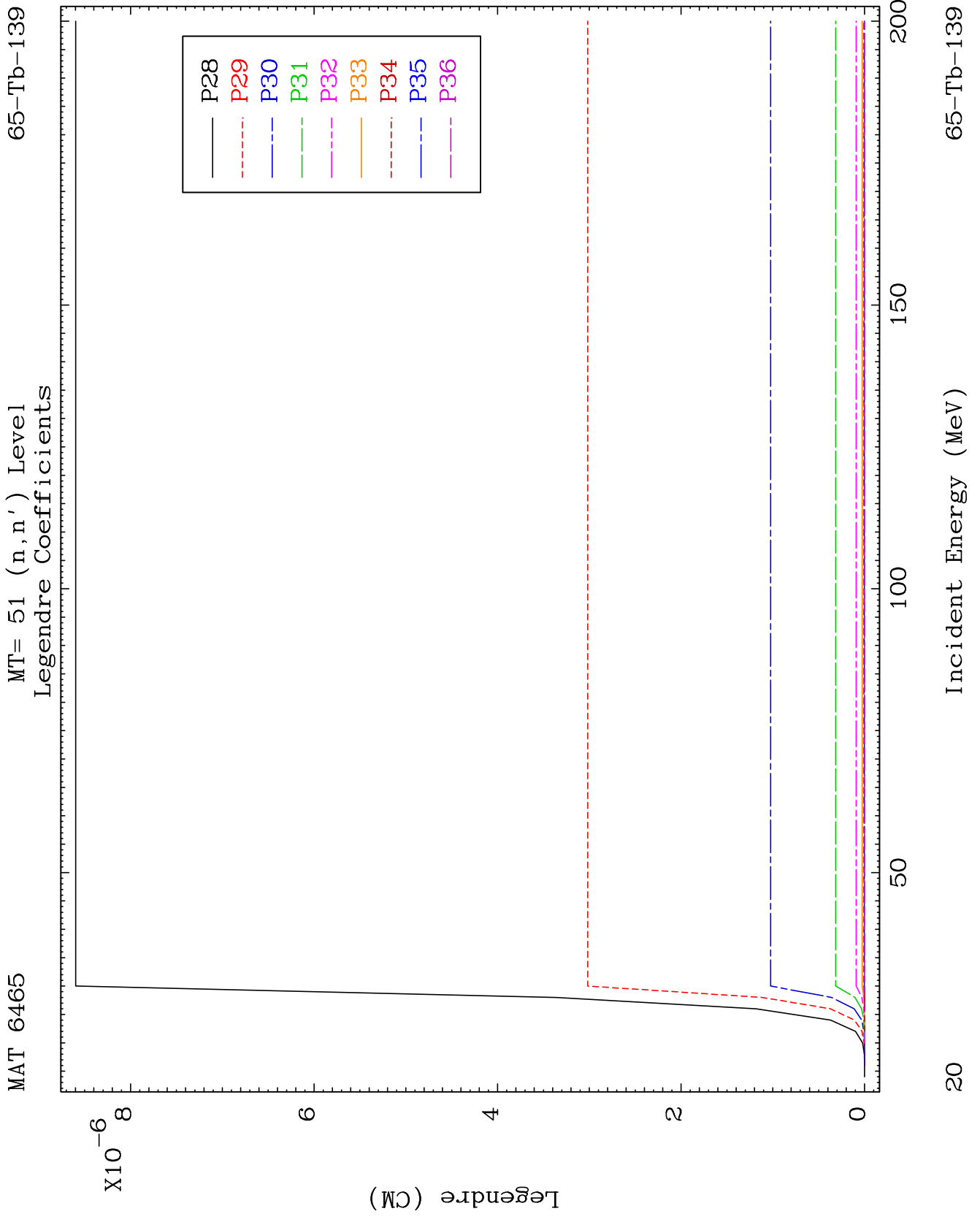
65-Tb-139



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Incident Energy (MeV)

65-Tb-139

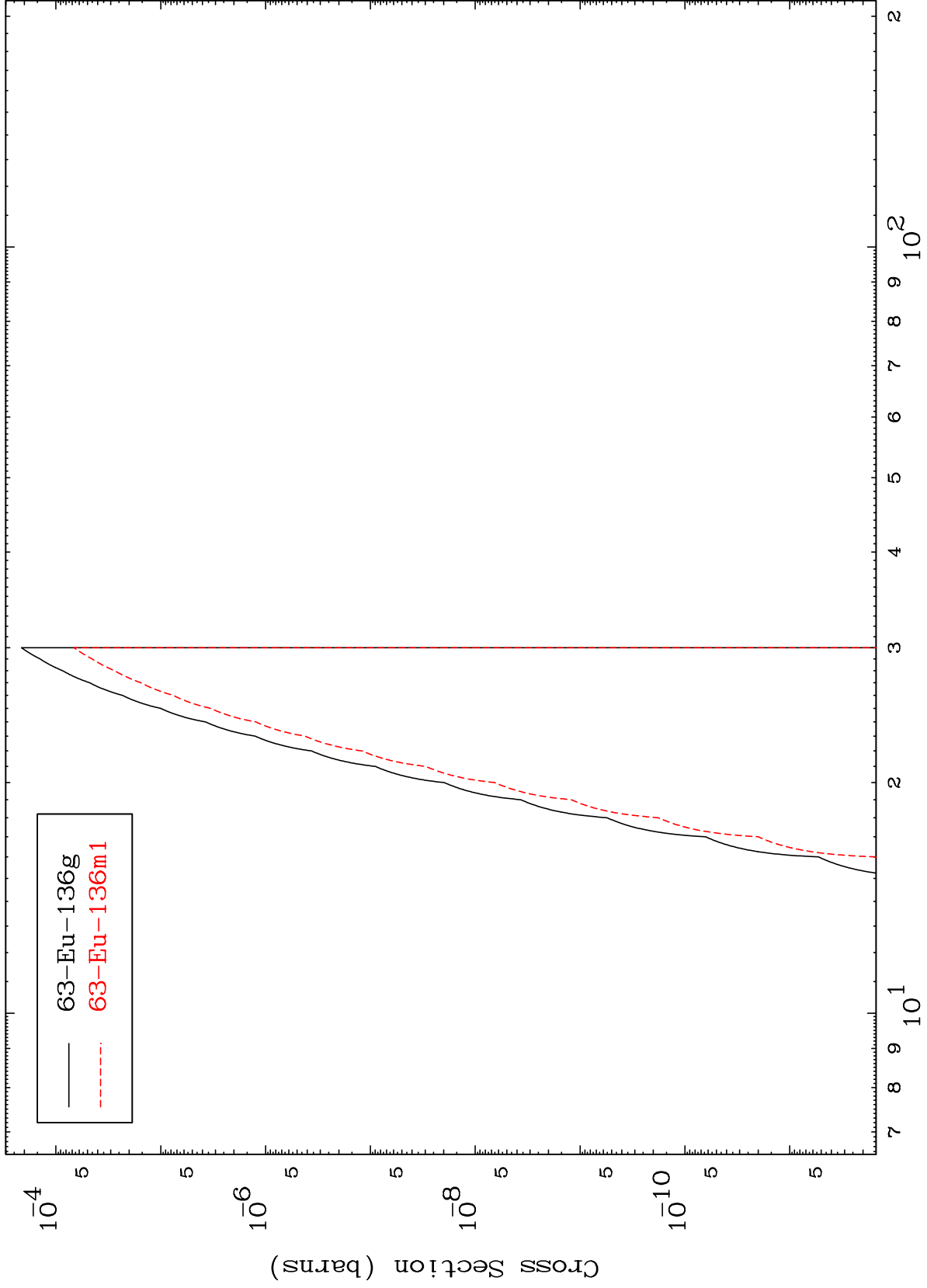


MAT 6465

(n,n') He-3

65-Tb-139

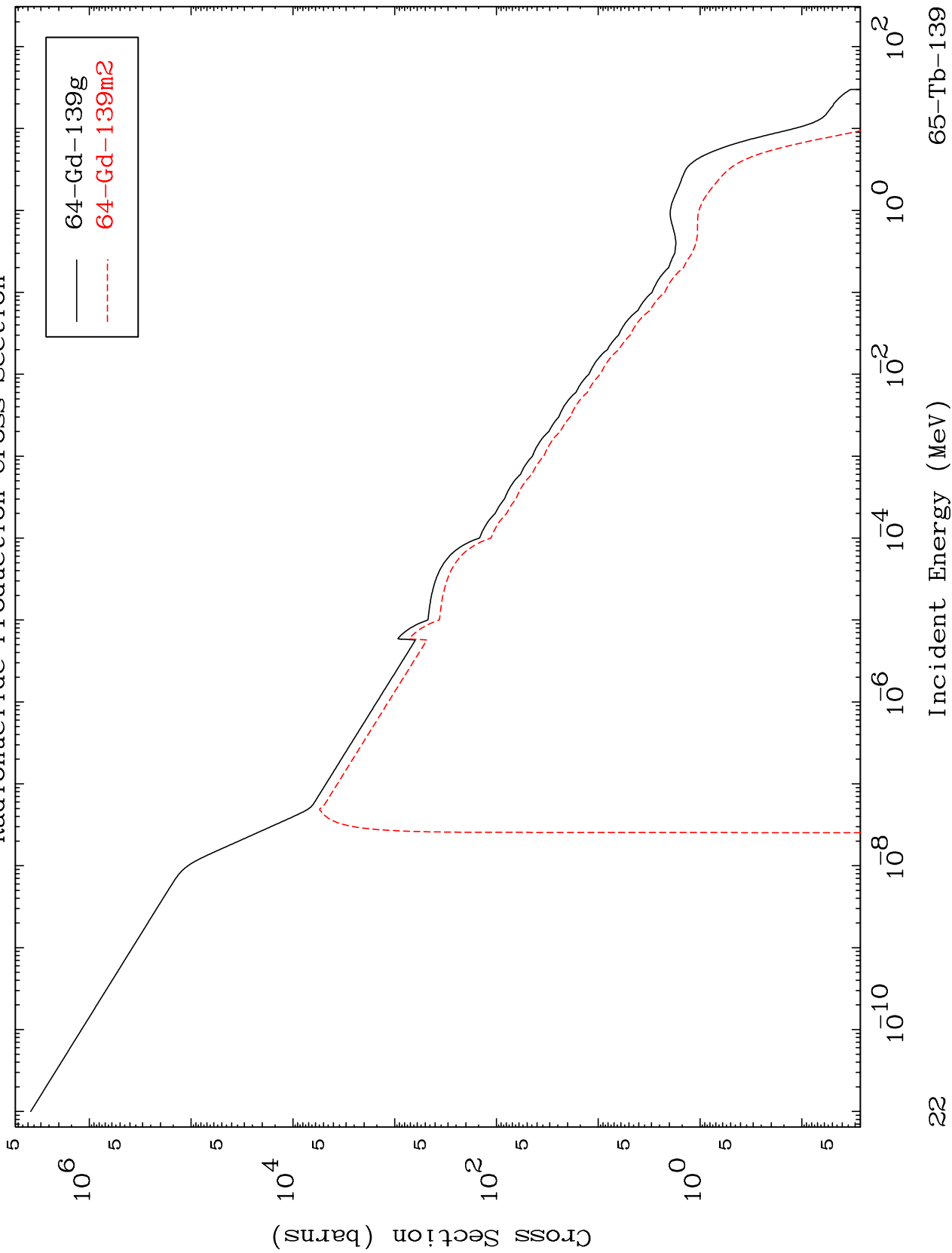
Radionuclide Production Cross Section



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65-Tb-139

(n,p)
Radionuclide Production Cross Section



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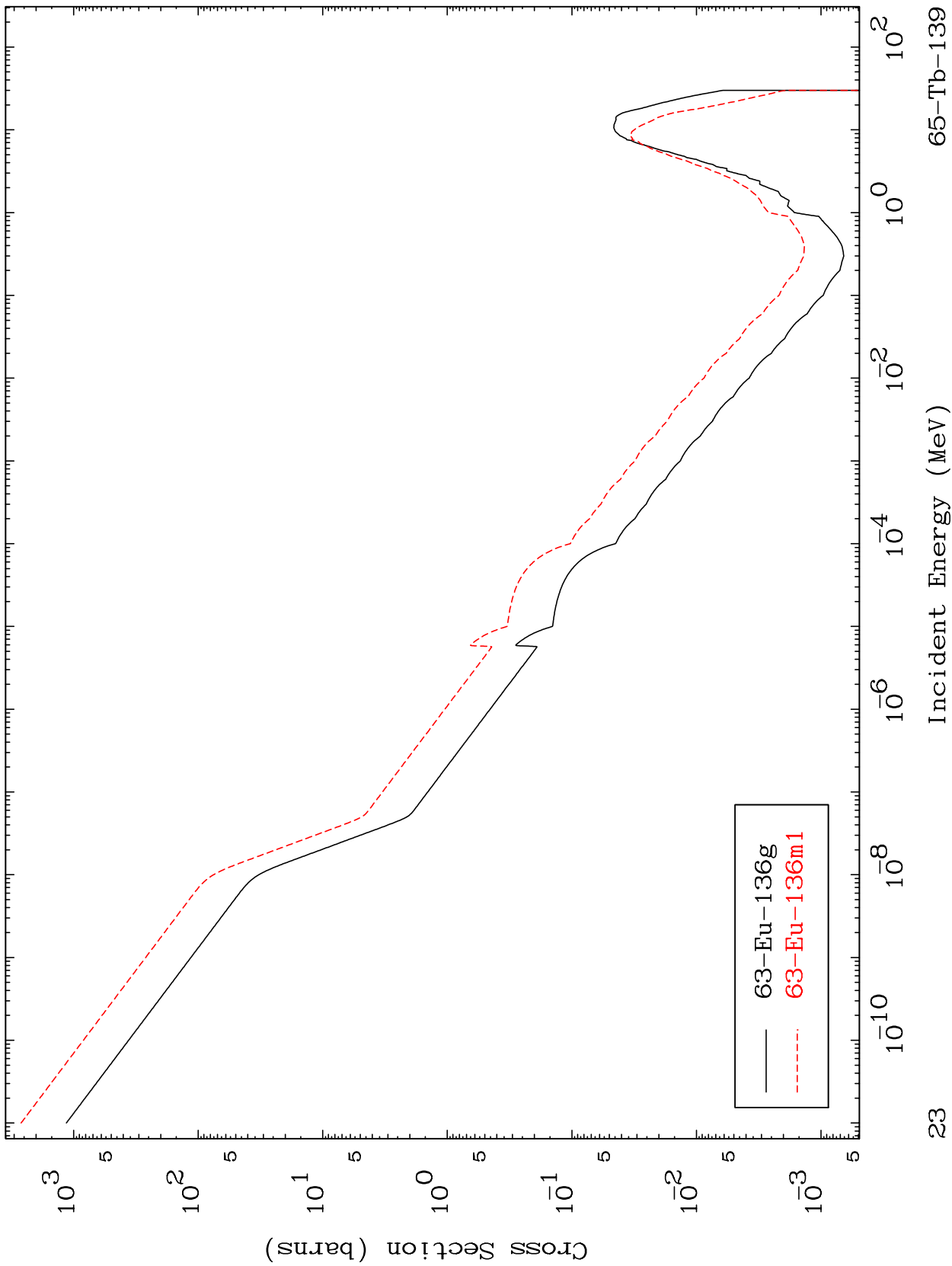
65-Tb-139

MAT 6465

(n, α)

65-Tb-139

Radionuclide Production Cross Section

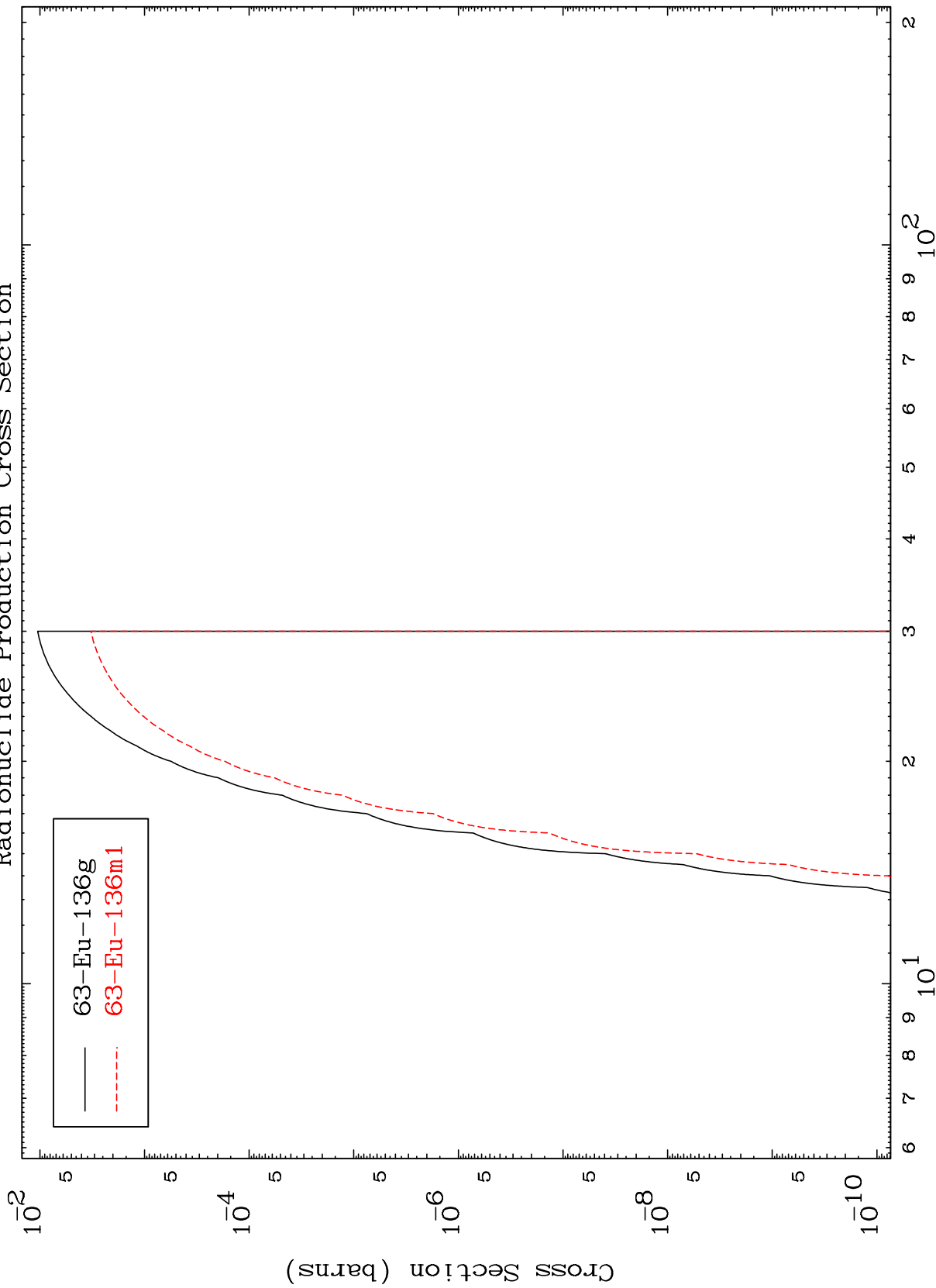


MAT 6465

(n,p) t

65-Tb-139

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

65-Tb-139