

Program EVALPLOT
(Version 2017-1)

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

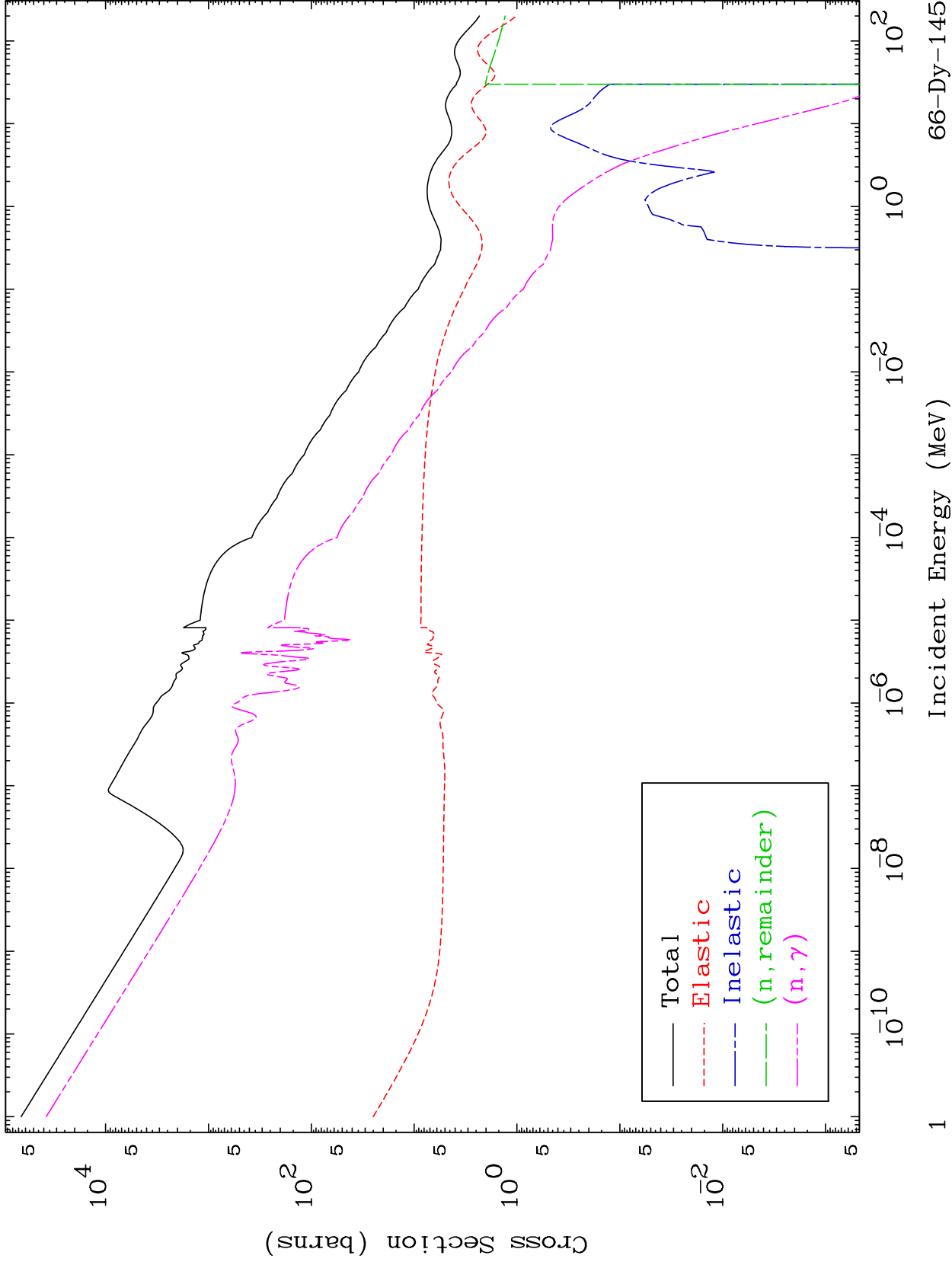
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Press Mouse Button to Start

MAT 6593

Major
293 Kelvin Cross Sections

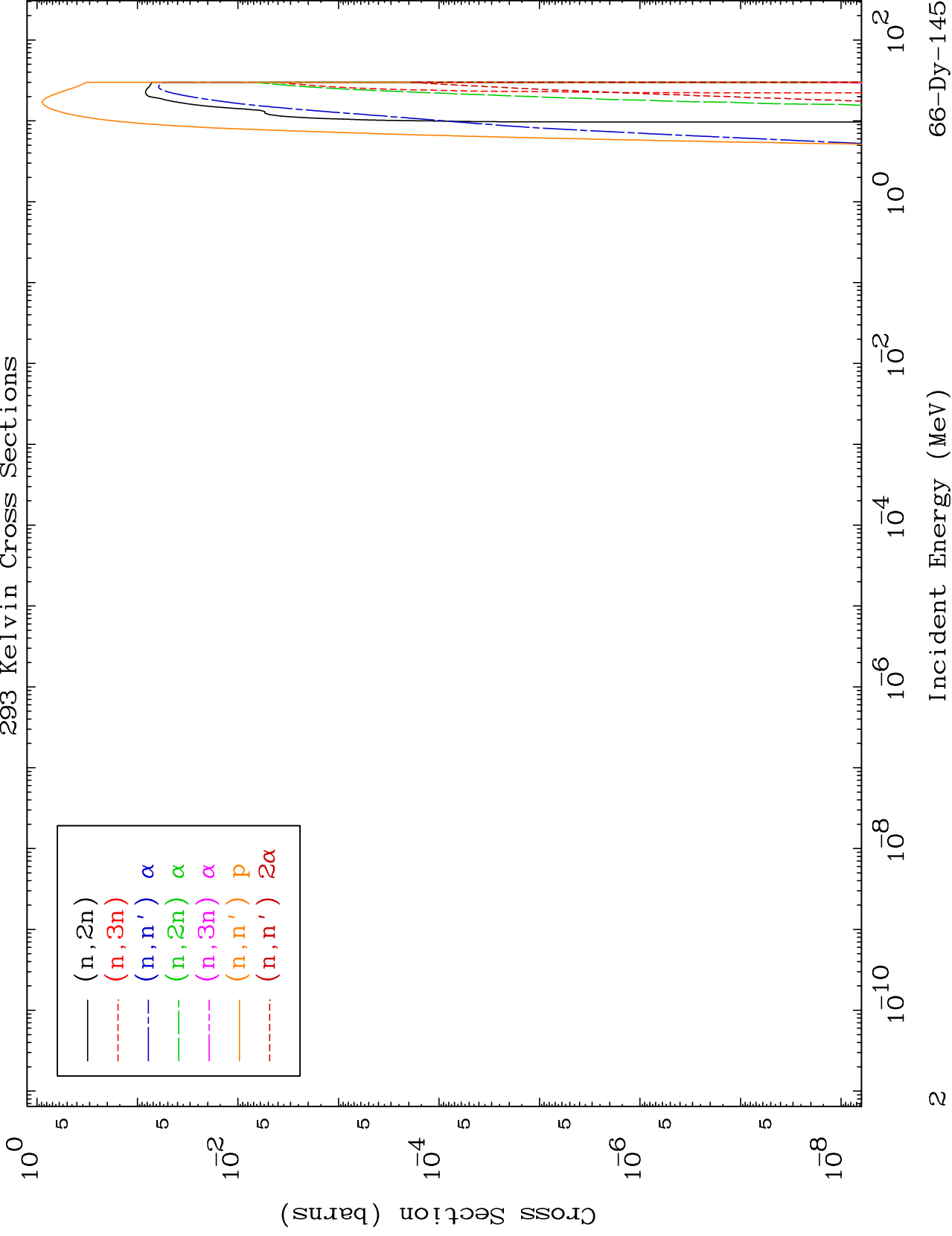
66-Dy-145

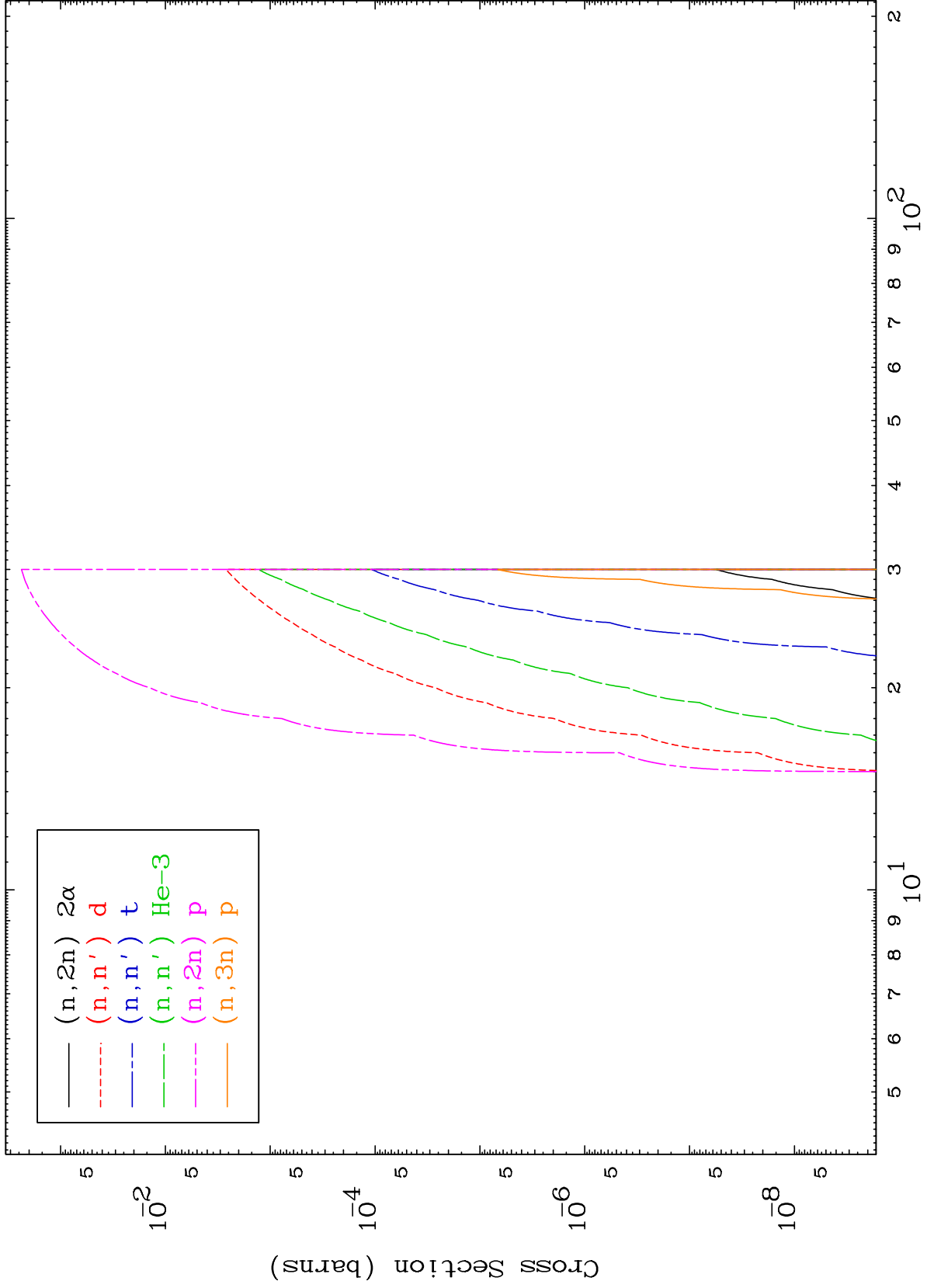


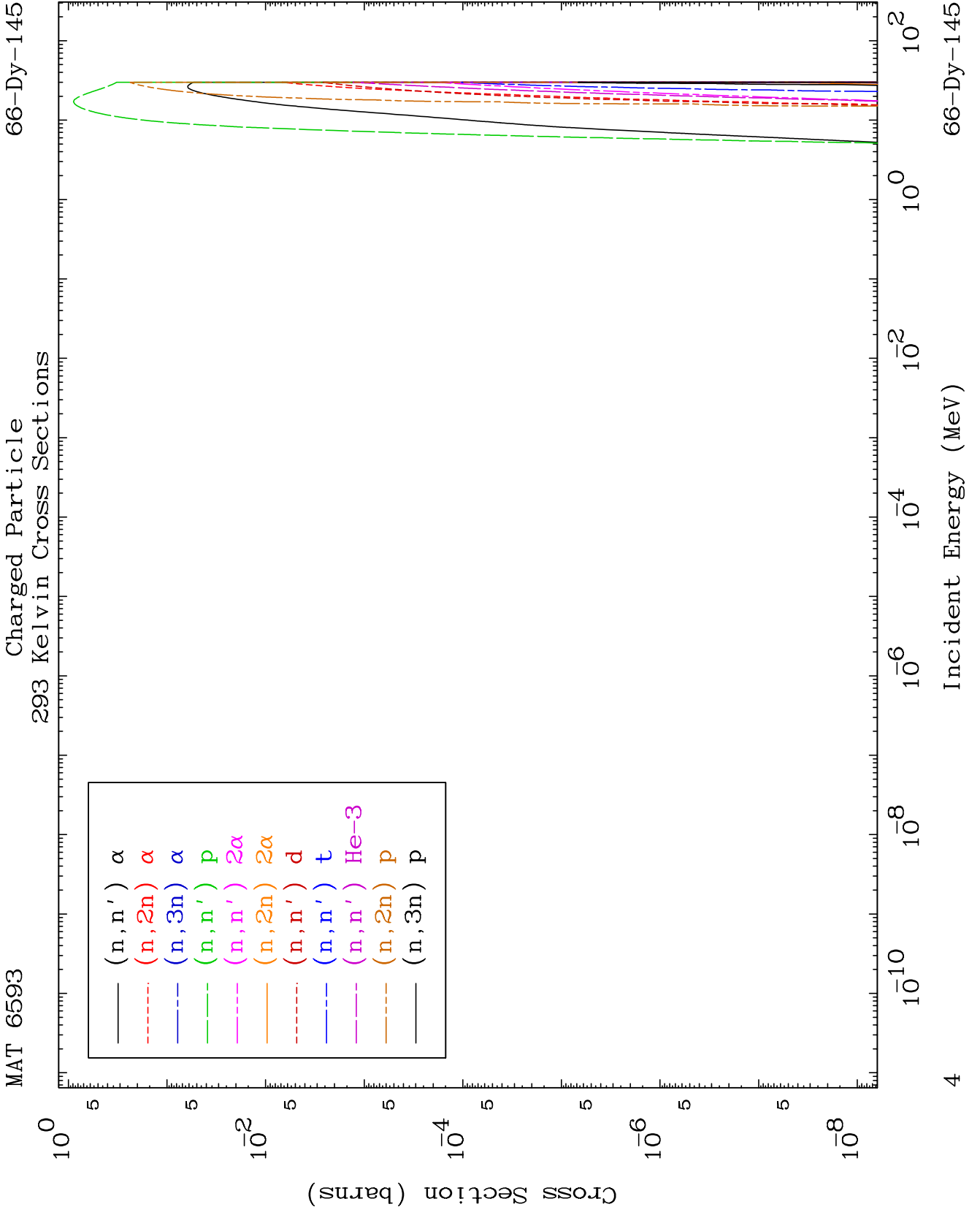
MAT 6593

Neutron Production
293 Kelvin Cross Sections

66-Dy-145



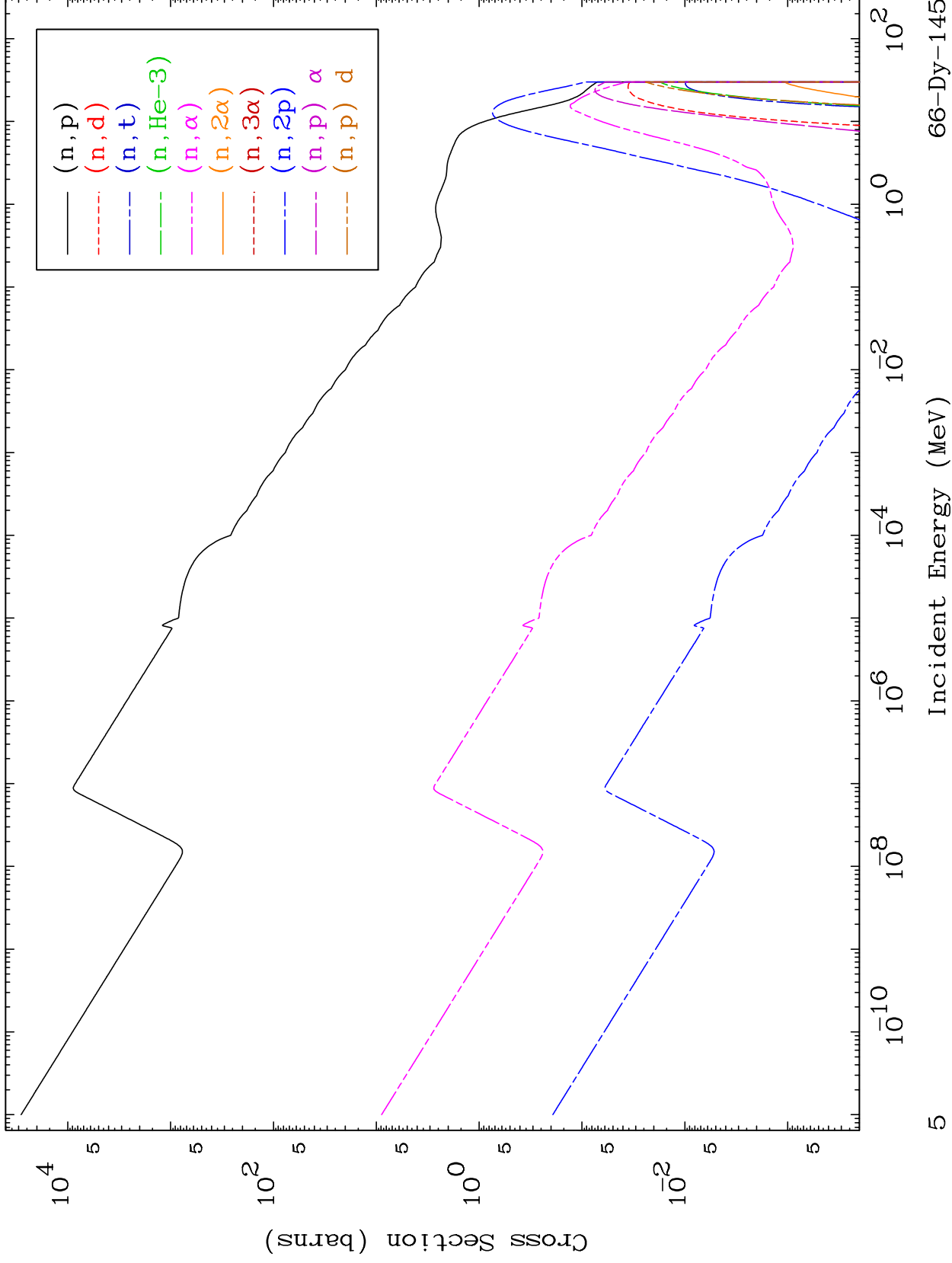




MAT 6593

Charged Particle
293 Kelvin Cross Sections

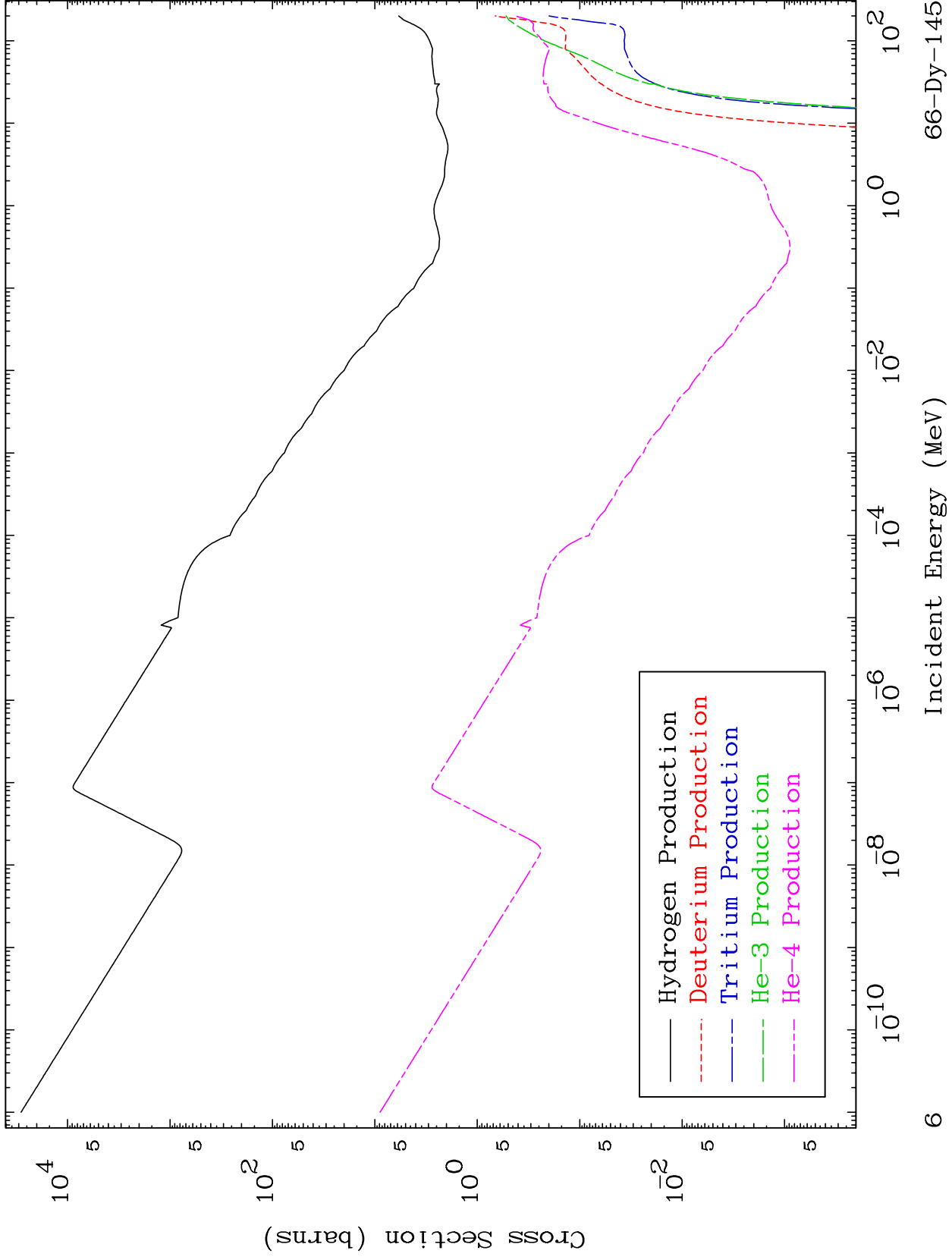
66-Dy-145



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Particle Production
293 Kelvin Cross Sections

66-Dy-145

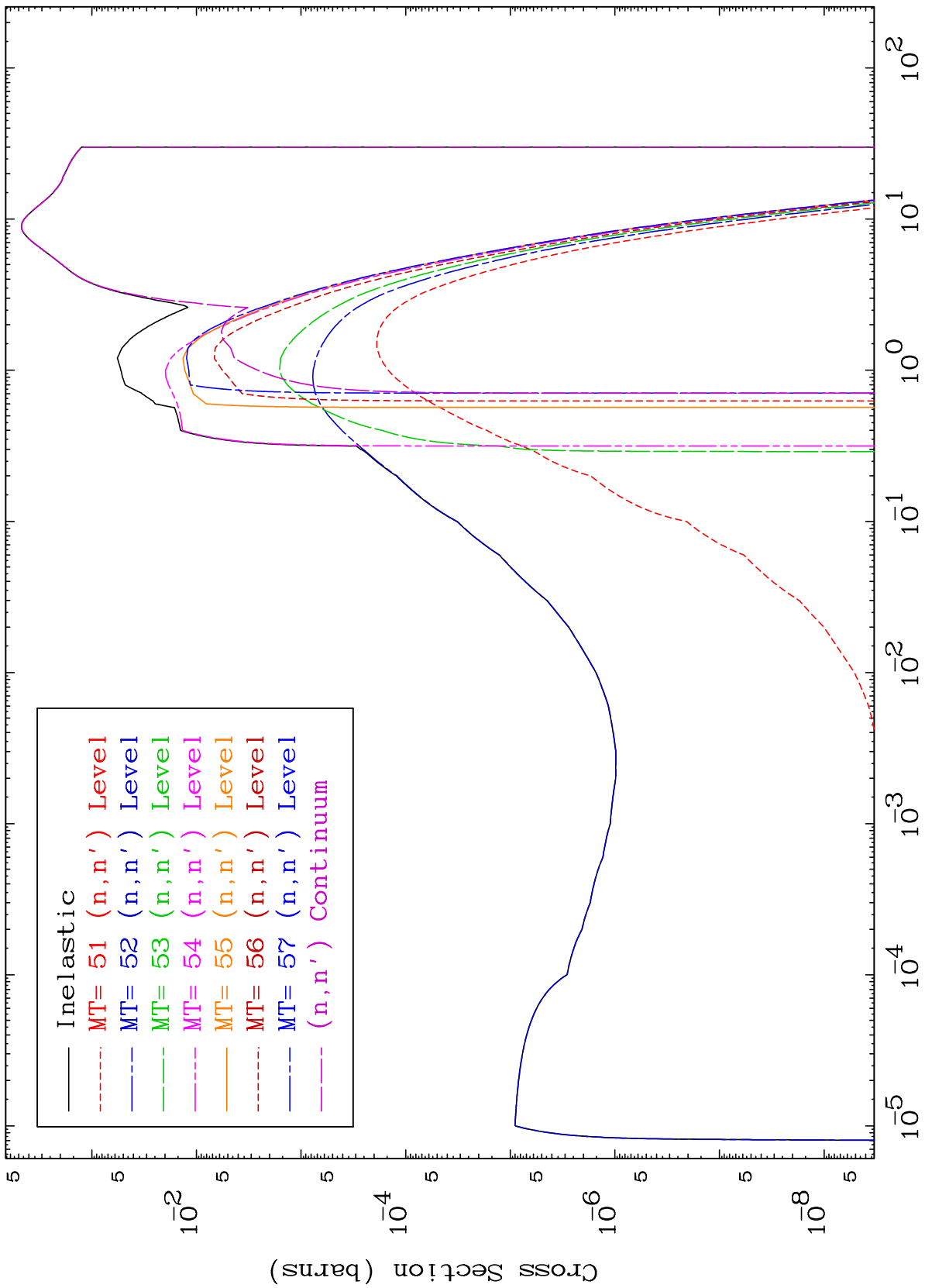


MAT 6593

(n,n') Level

66-Dy-145

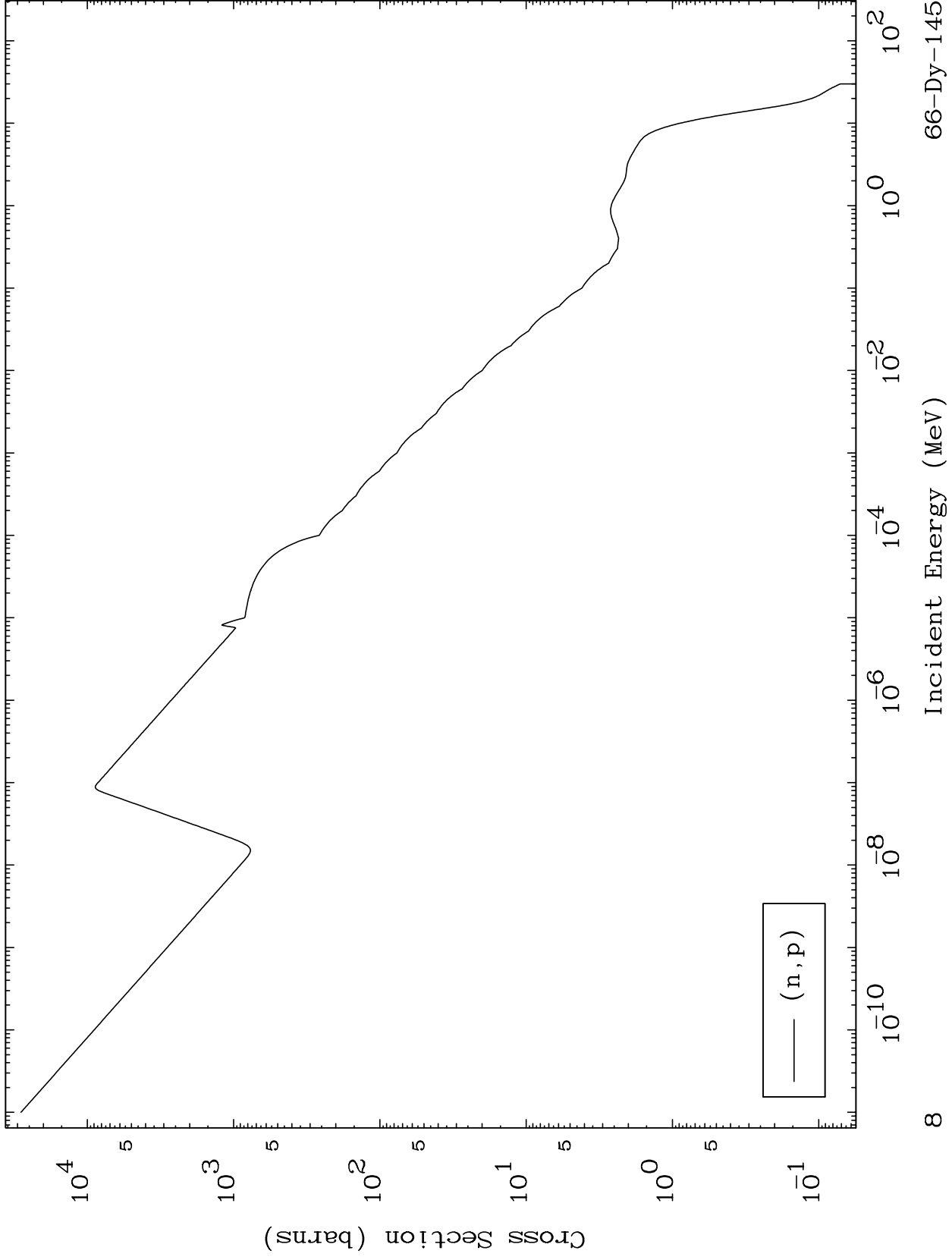
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

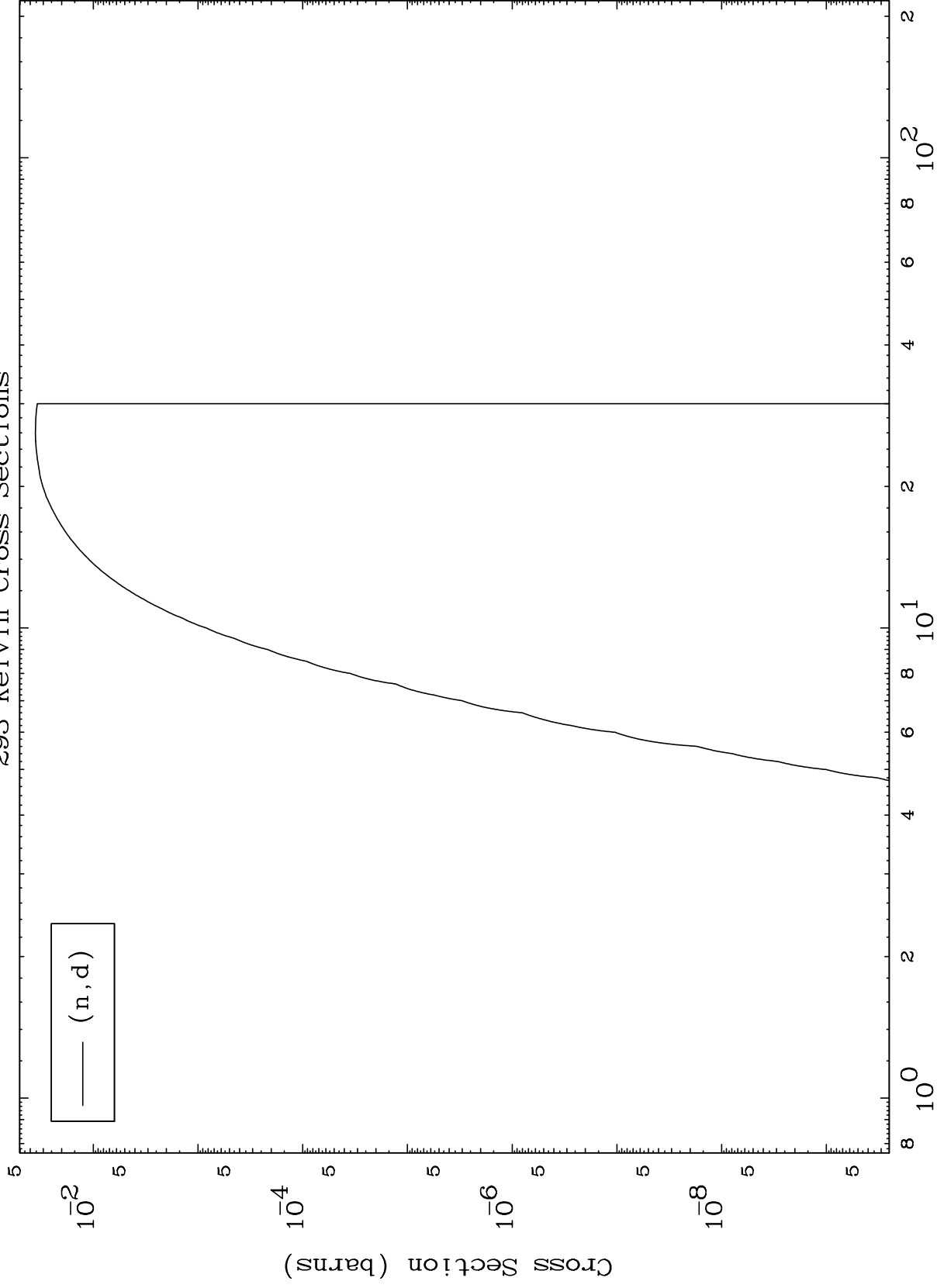
66-Dy-145



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(n,d) Levels
293 Kelvin Cross Sections

66-Dy-145



9

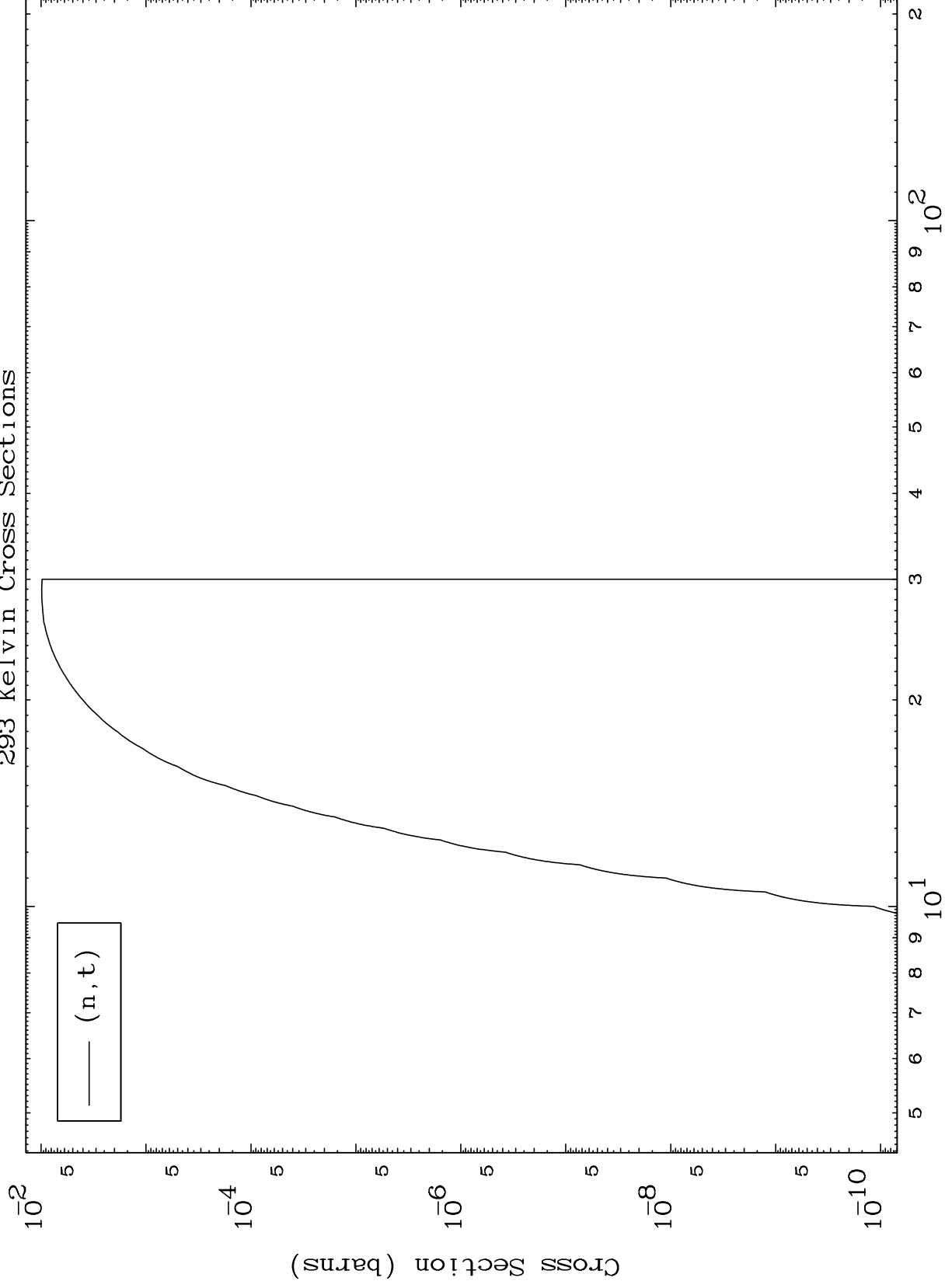
Incident Energy (MeV)

66-Dy-145

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(n,t) Levels
293 Kelvin Cross Sections

66-Dy-145



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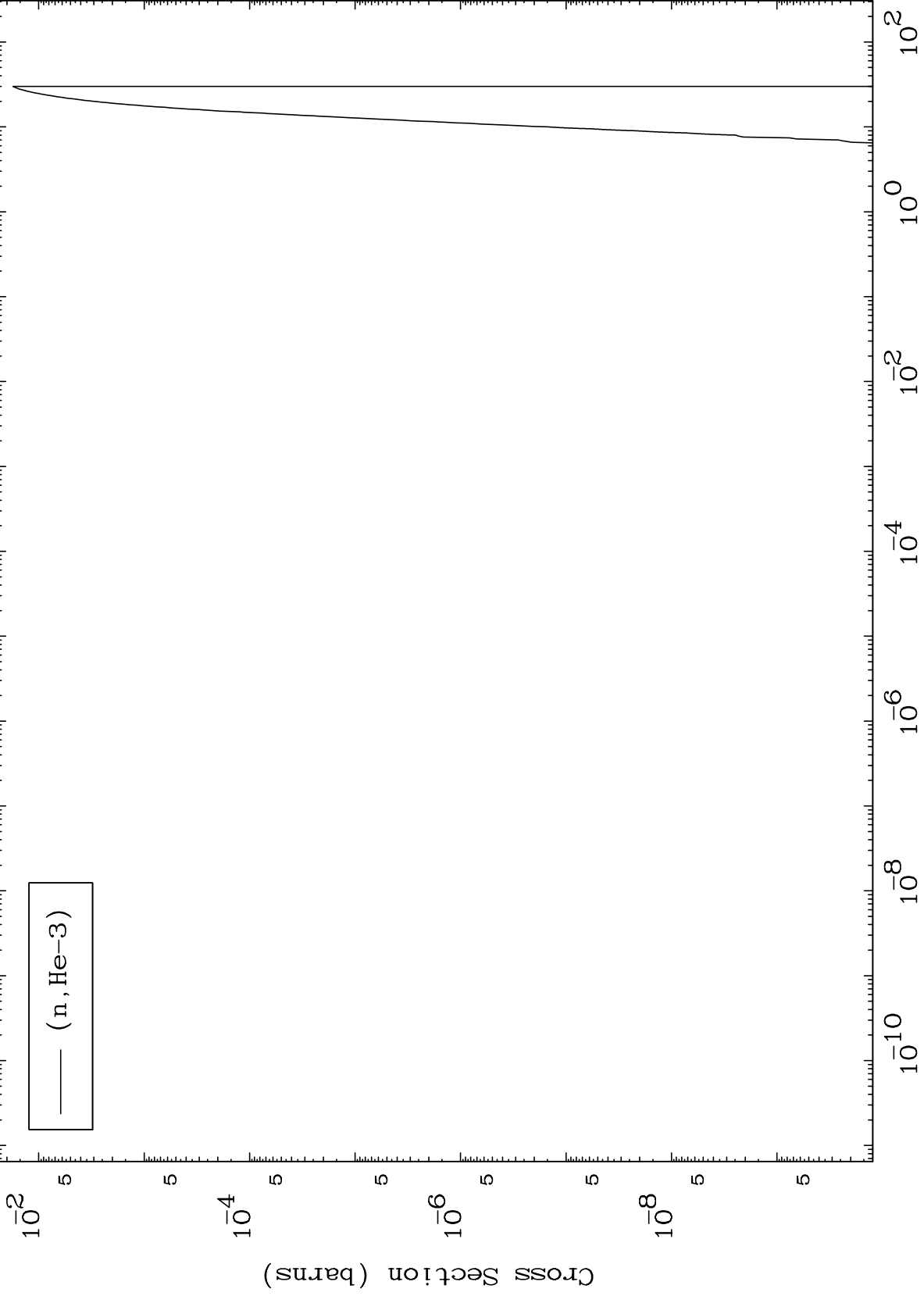
Incident Energy (MeV)

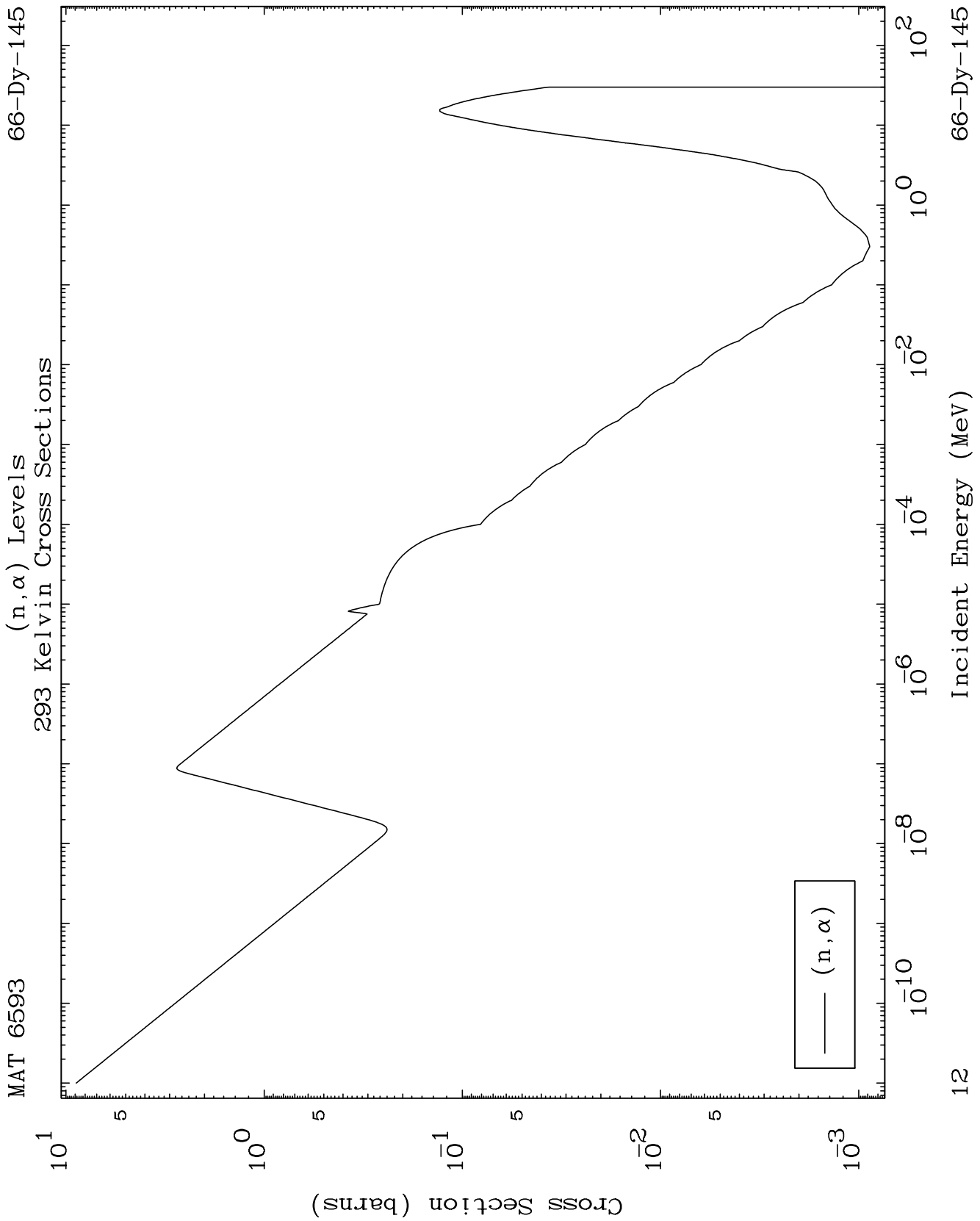
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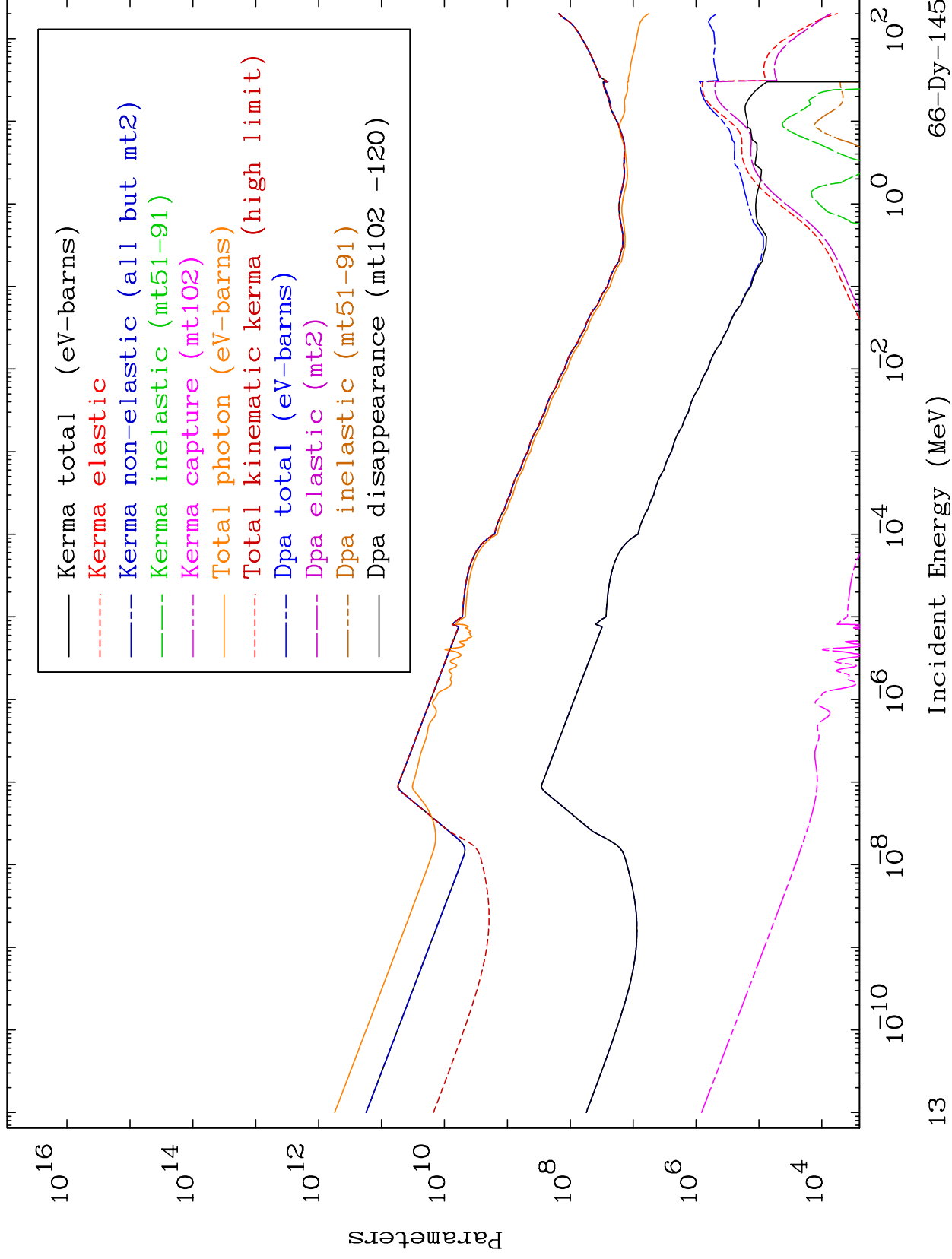
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(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-145



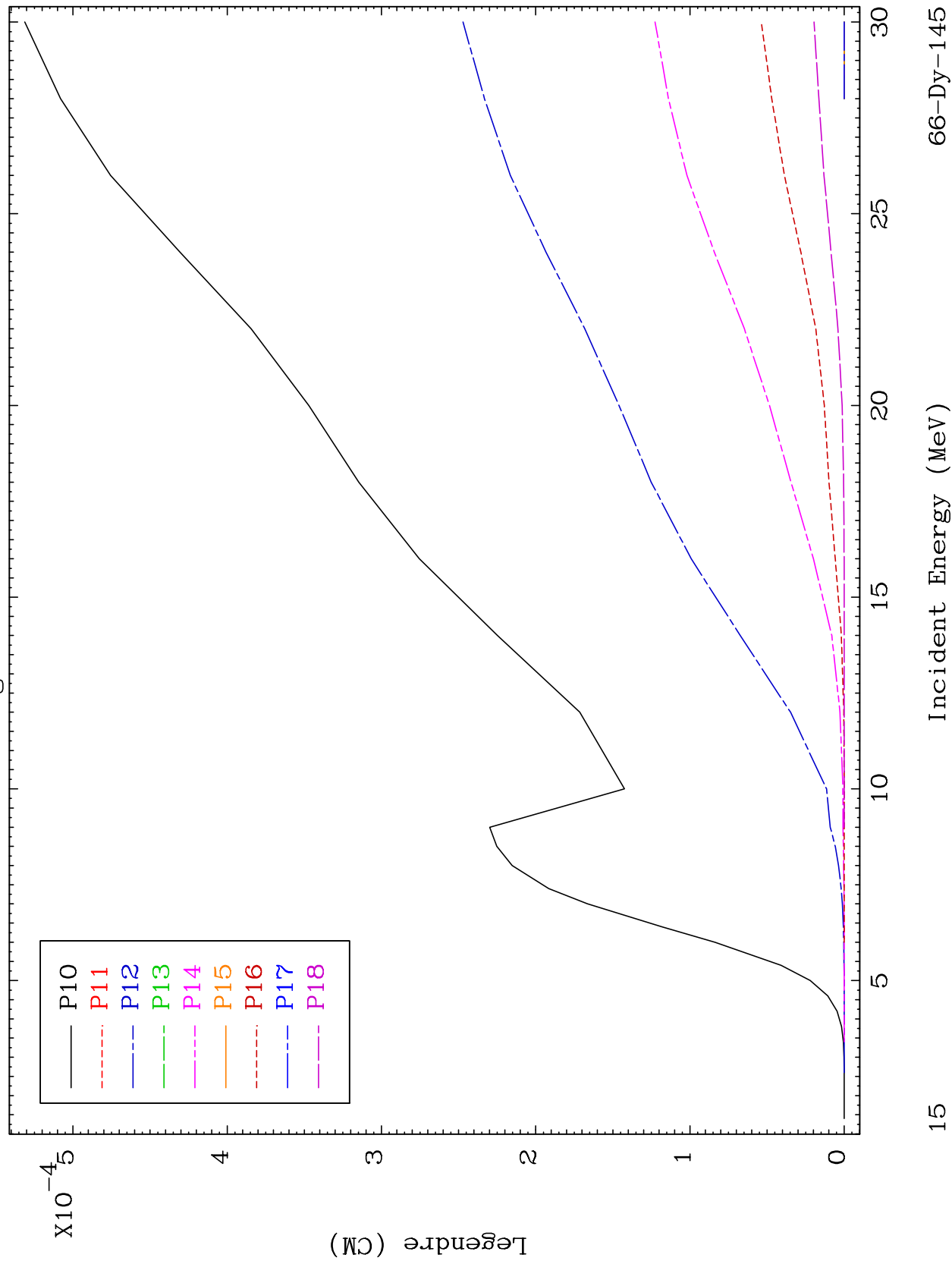




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Elastic Legendre Coefficients

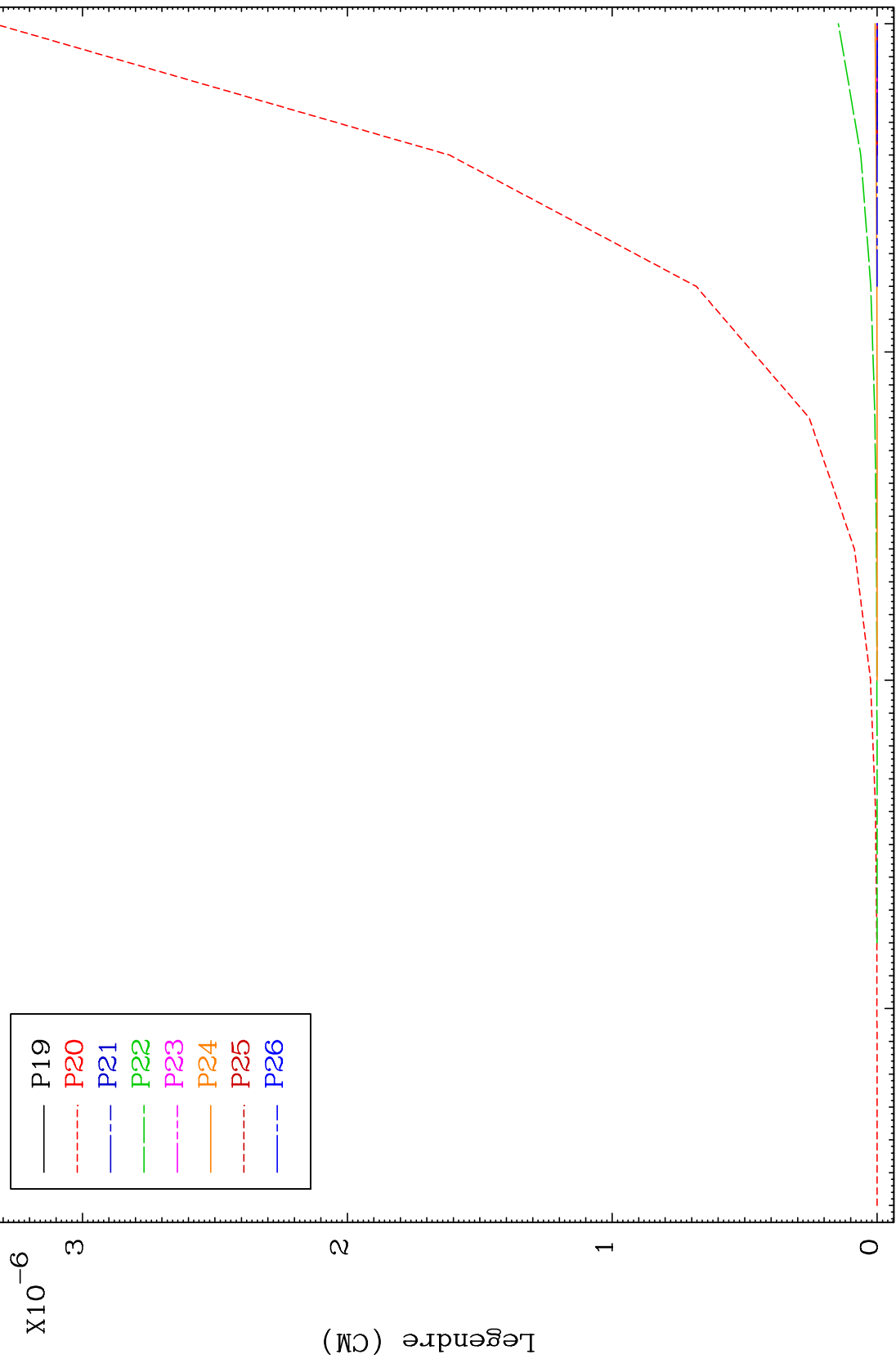
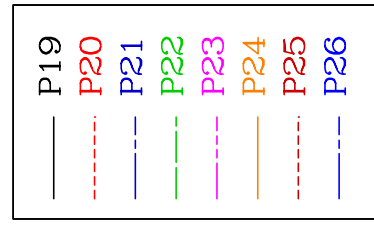
66-Dy-145



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Elastic Legendre Coefficients

66-Dy-145



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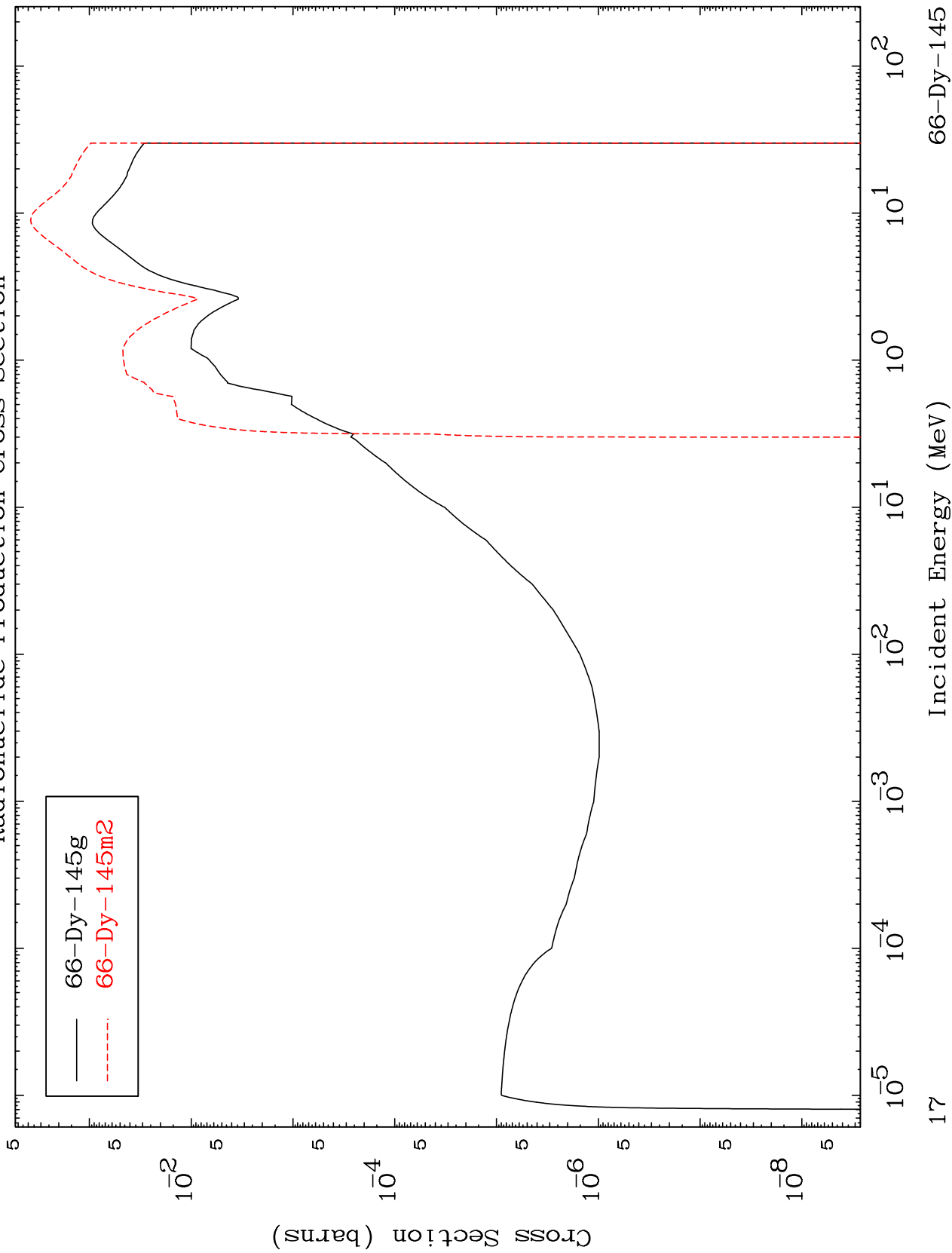
Incident Energy (MeV)

66-Dy-145

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66-Dy-145

Inelastic
Radionuclide Production Cross Section

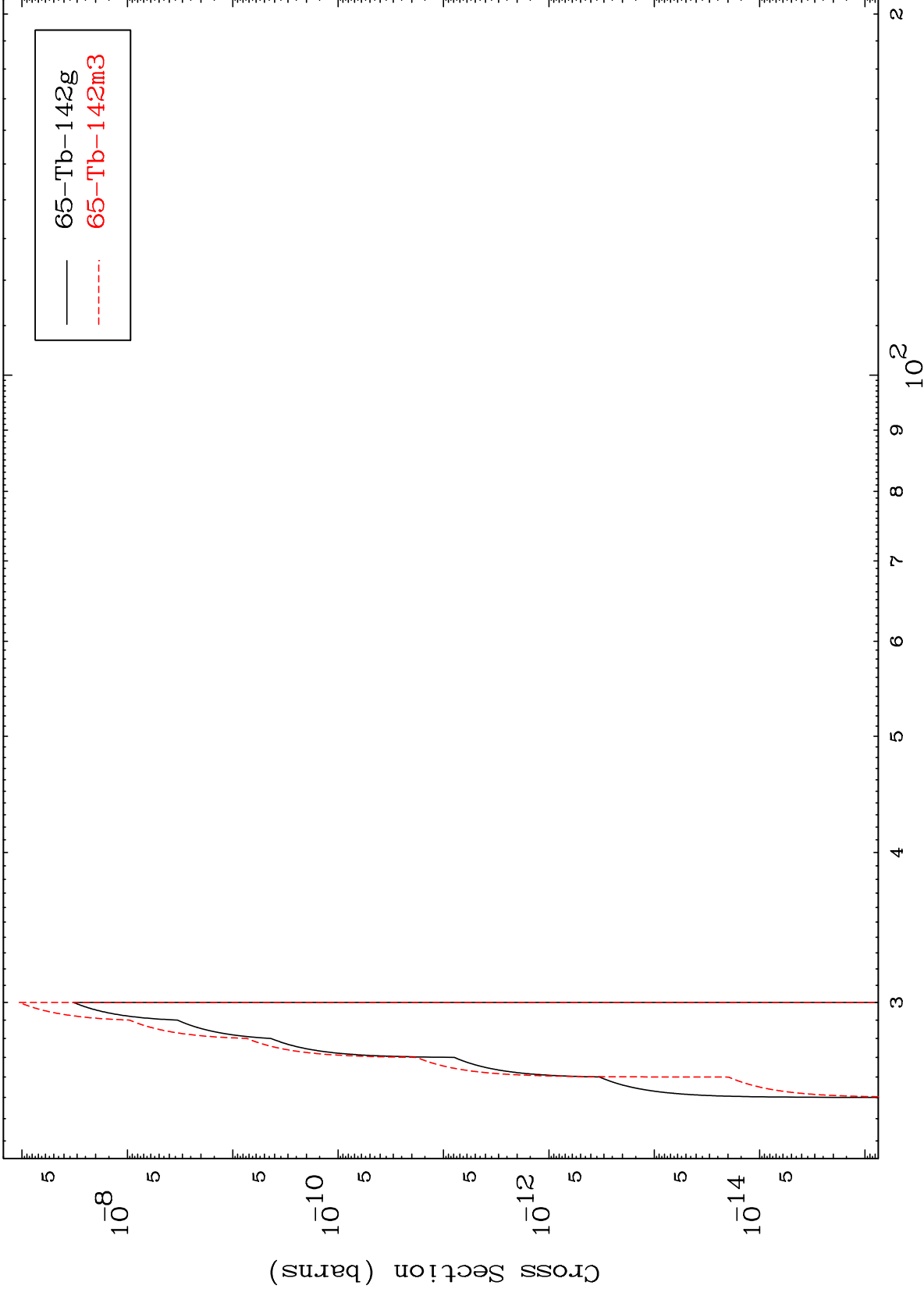


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(n,2n) d

66-Dy-145

Radionuclide Production Cross Section



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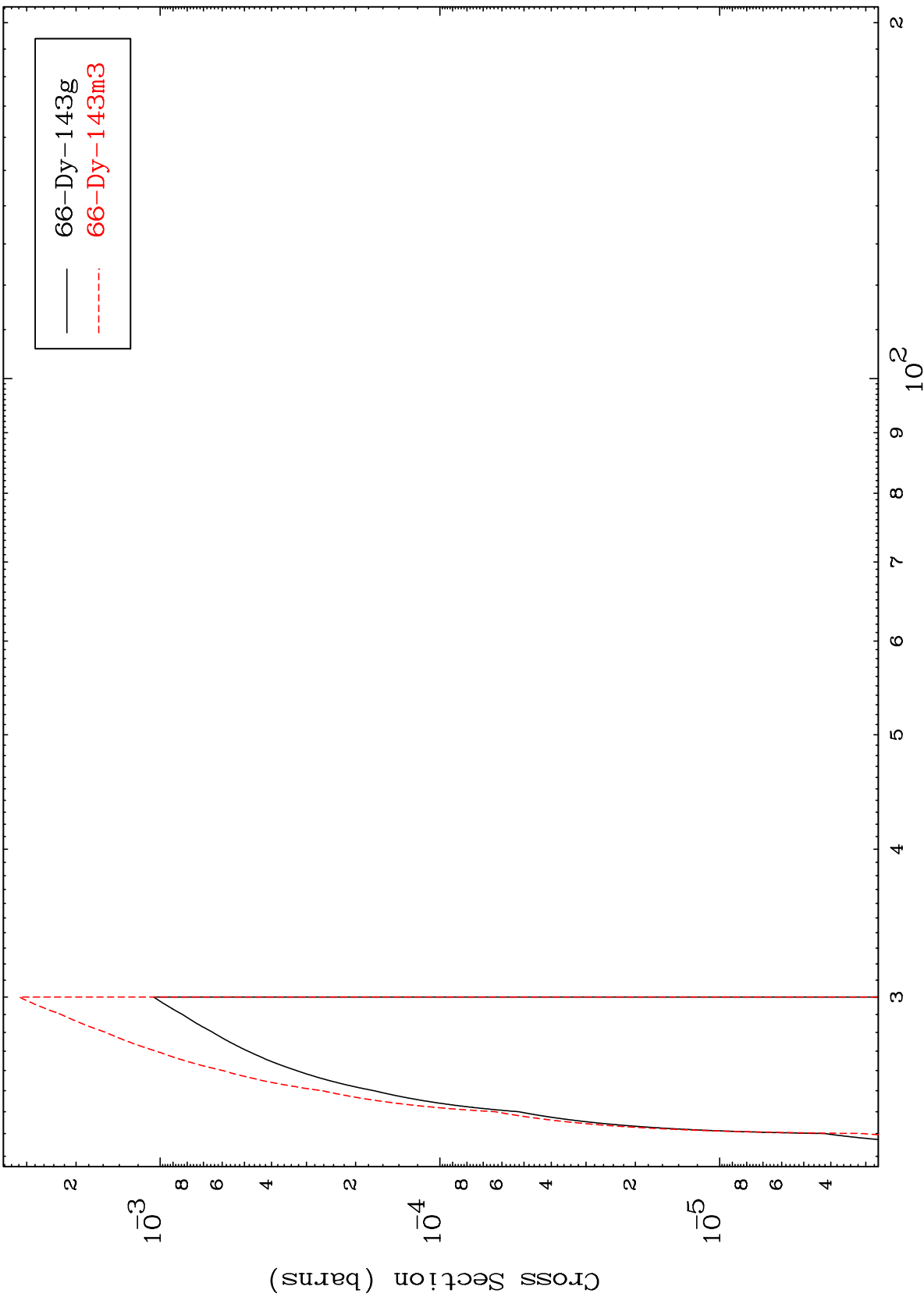
Incident Energy (MeV)

66-Dy-145

MAT 6593

66-Dy-145

(n,3n)
Radionuclide Production Cross Section

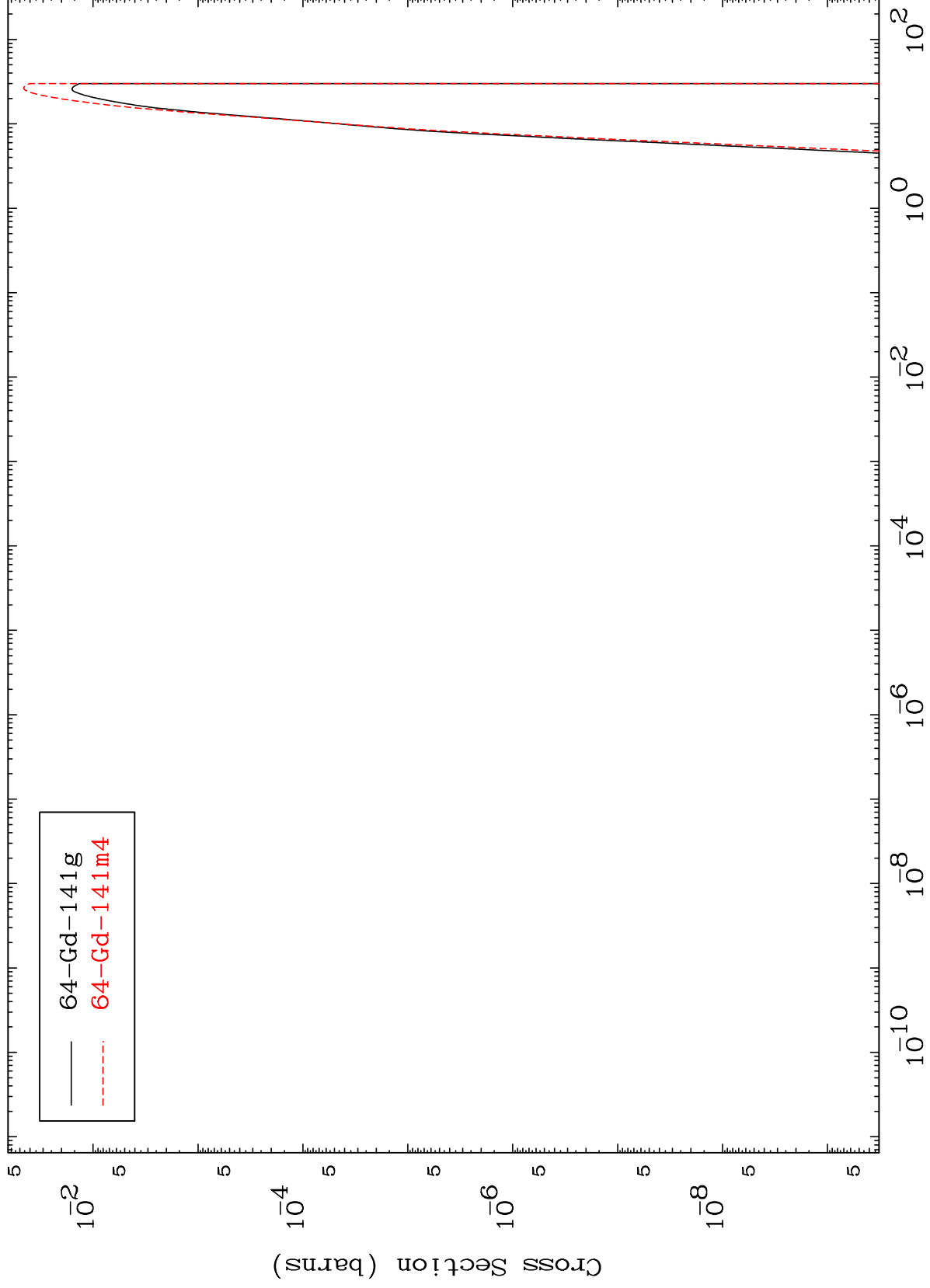


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(n, n') α

66-Dy-145

Radionuclide Production Cross Section

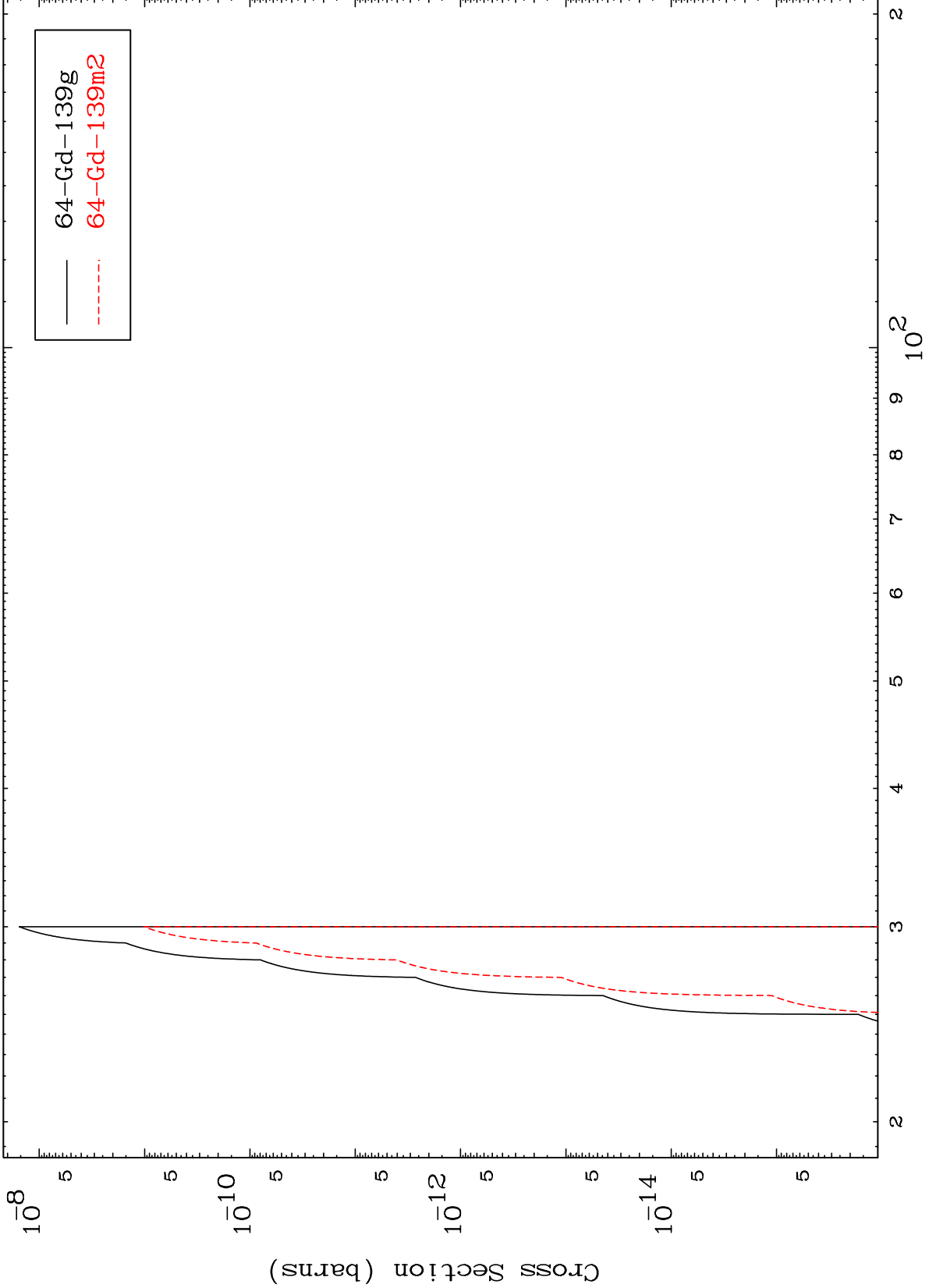


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(n,3n) α

66-Dy-145

Radionuclide Production Cross Section



21

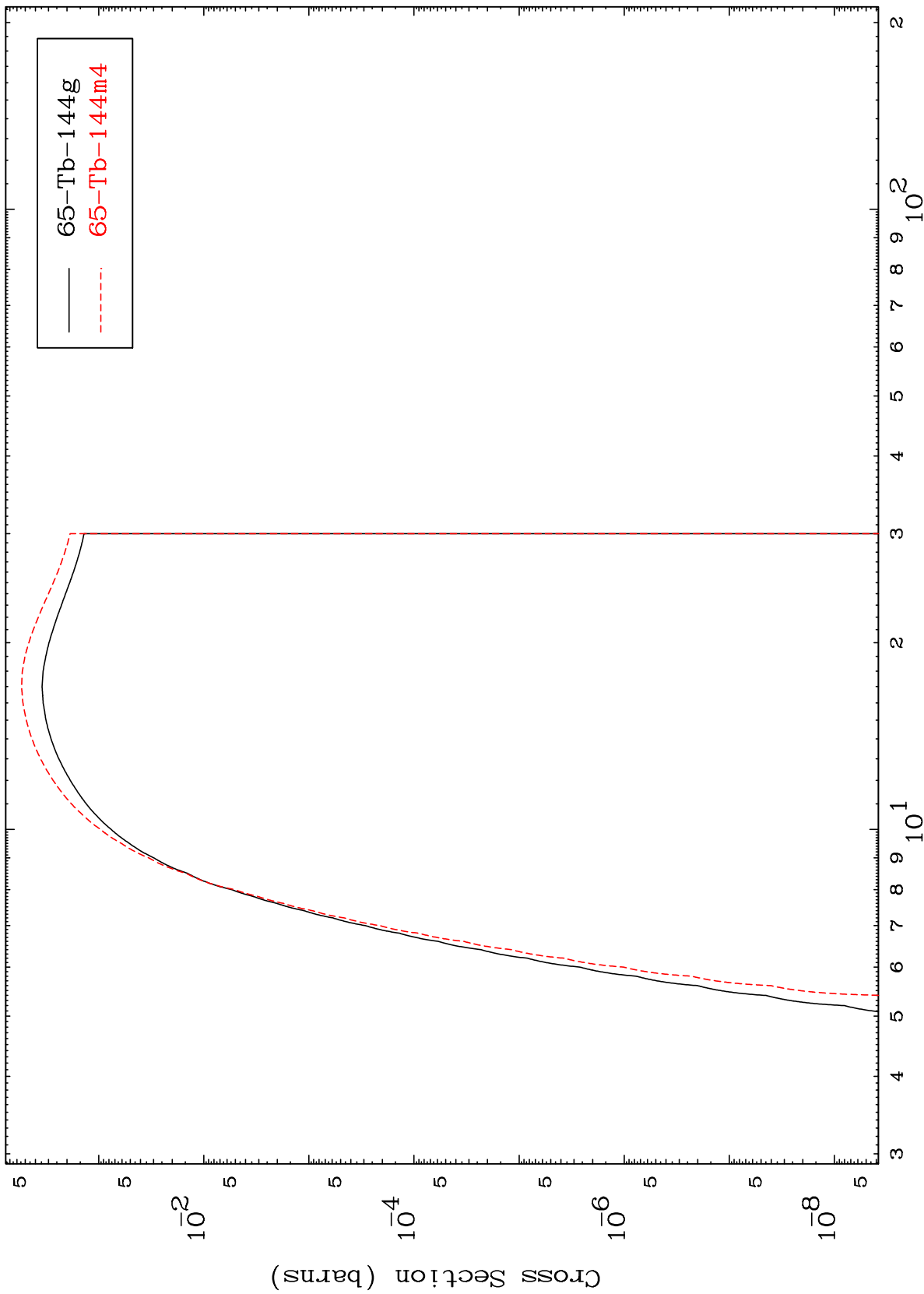
Incident Energy (MeV)

66-Dy-145

MAT 6593

66-Dy-145

(n, n') p
Radionuclide Production Cross Section

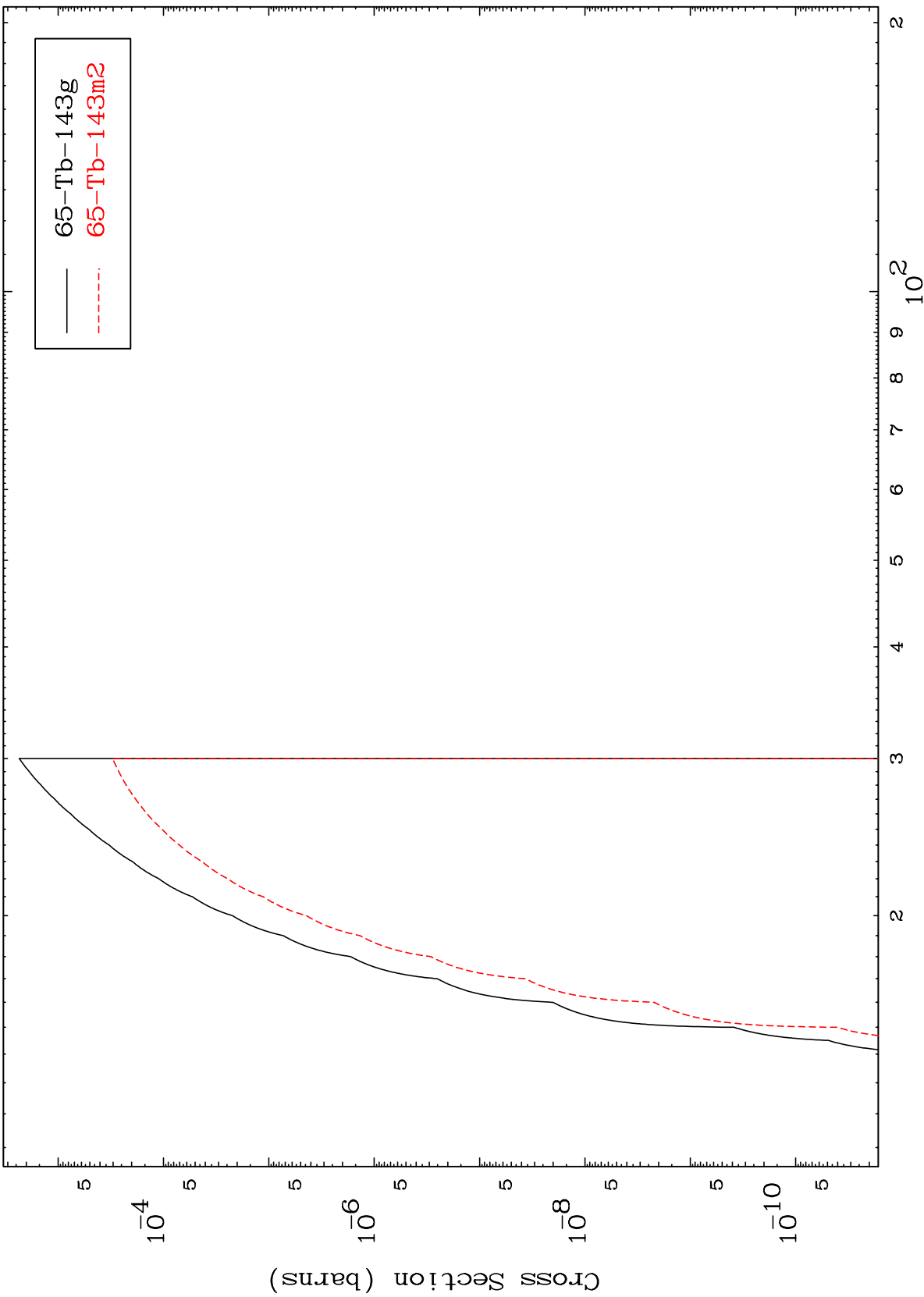


22

Incident Energy (MeV)

66-Dy-145

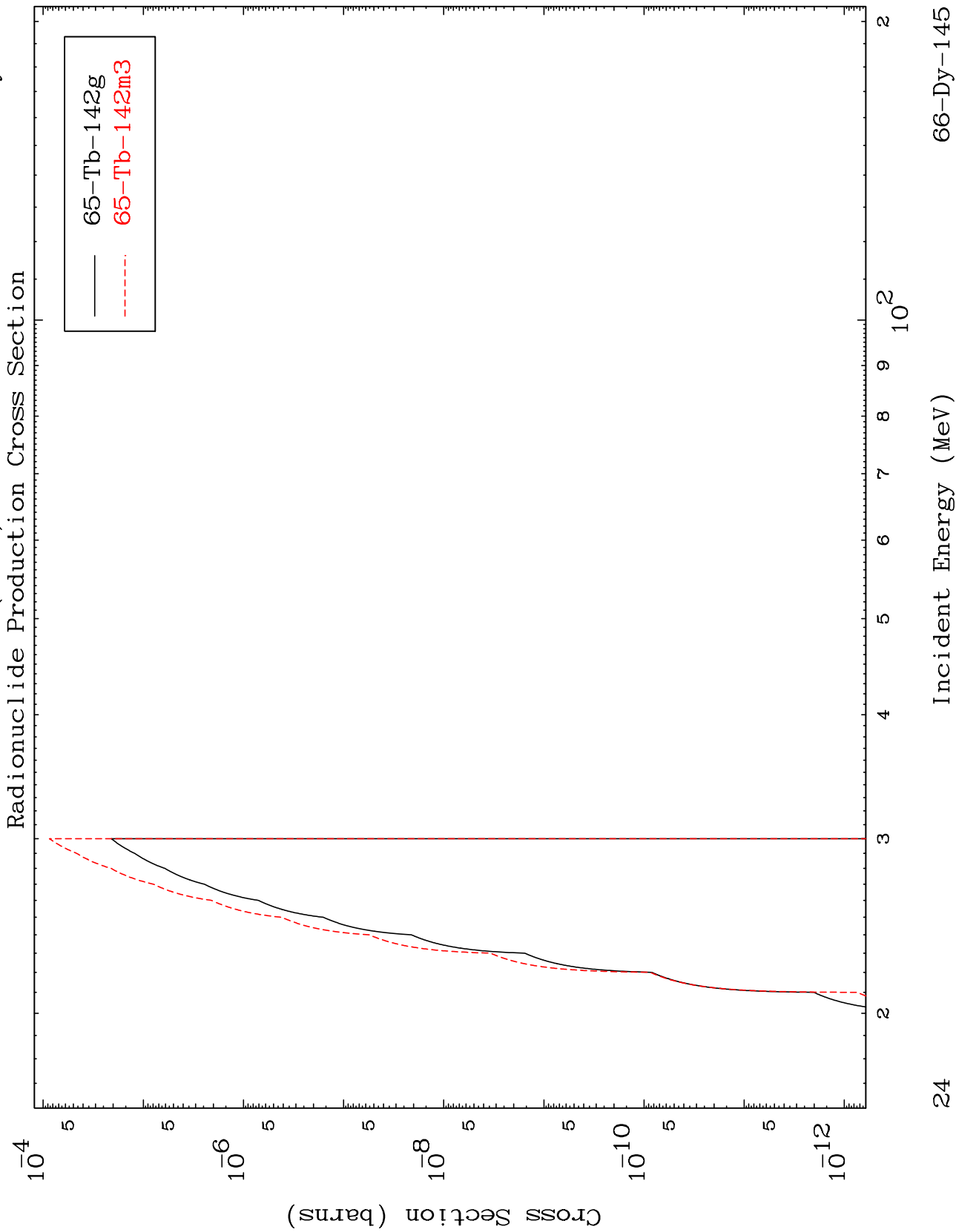
Radionuclide Production Cross Section



MAT 6593

(n,n') t

66-Dy-145

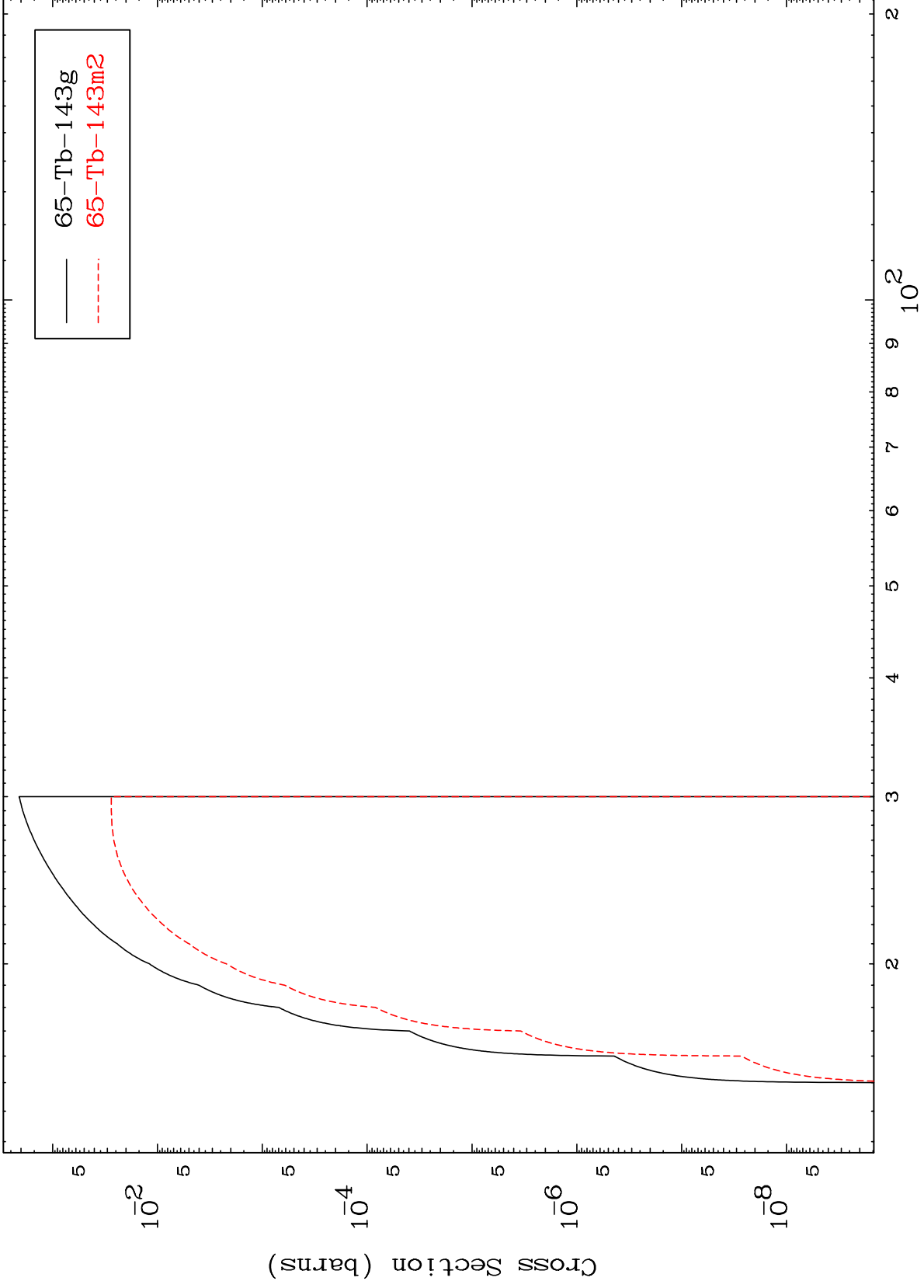


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Incident Energy (MeV)

66-Dy-145

Radionuclide Production Cross Section

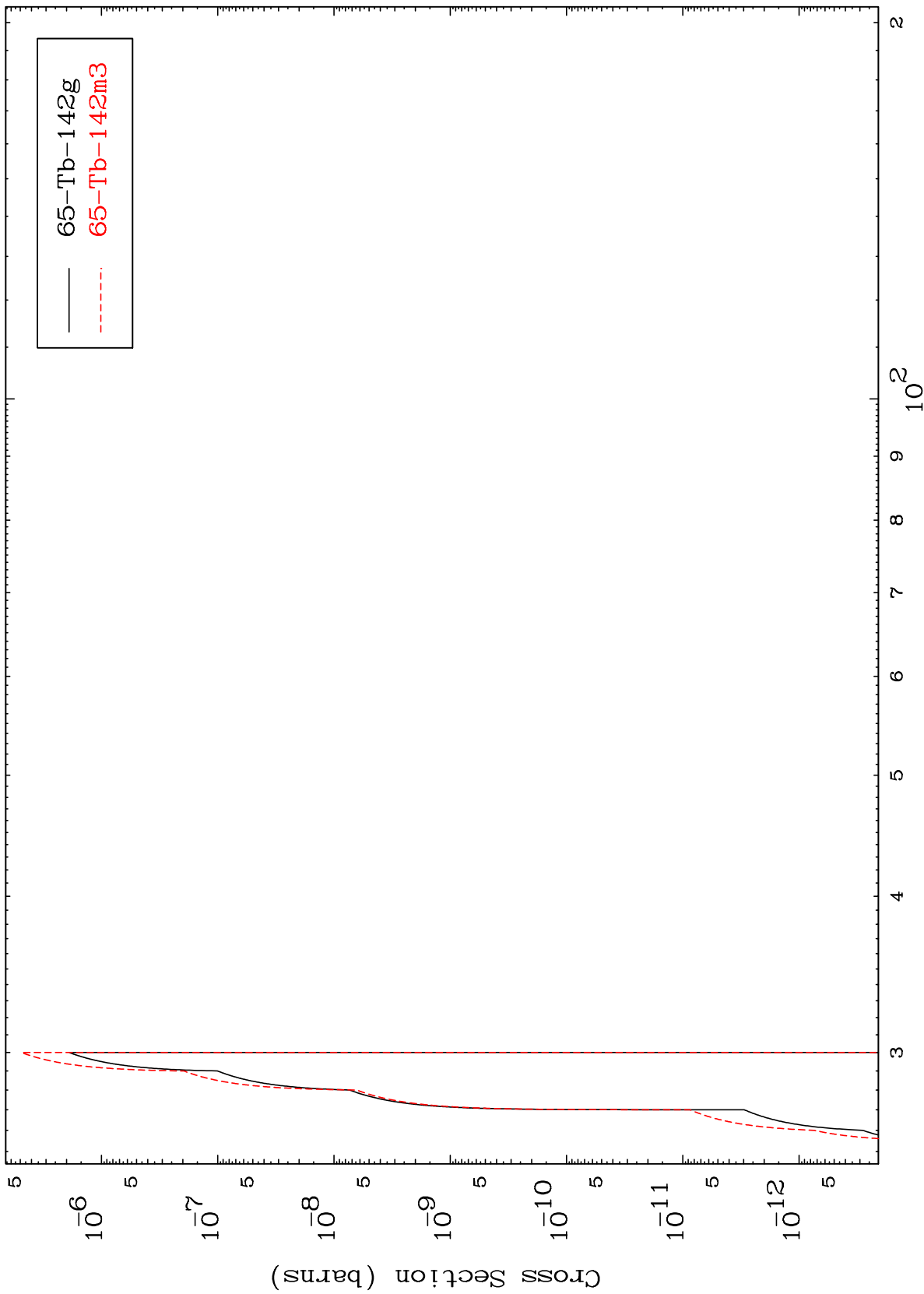


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(n,3n) p

66-Dy-145

Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

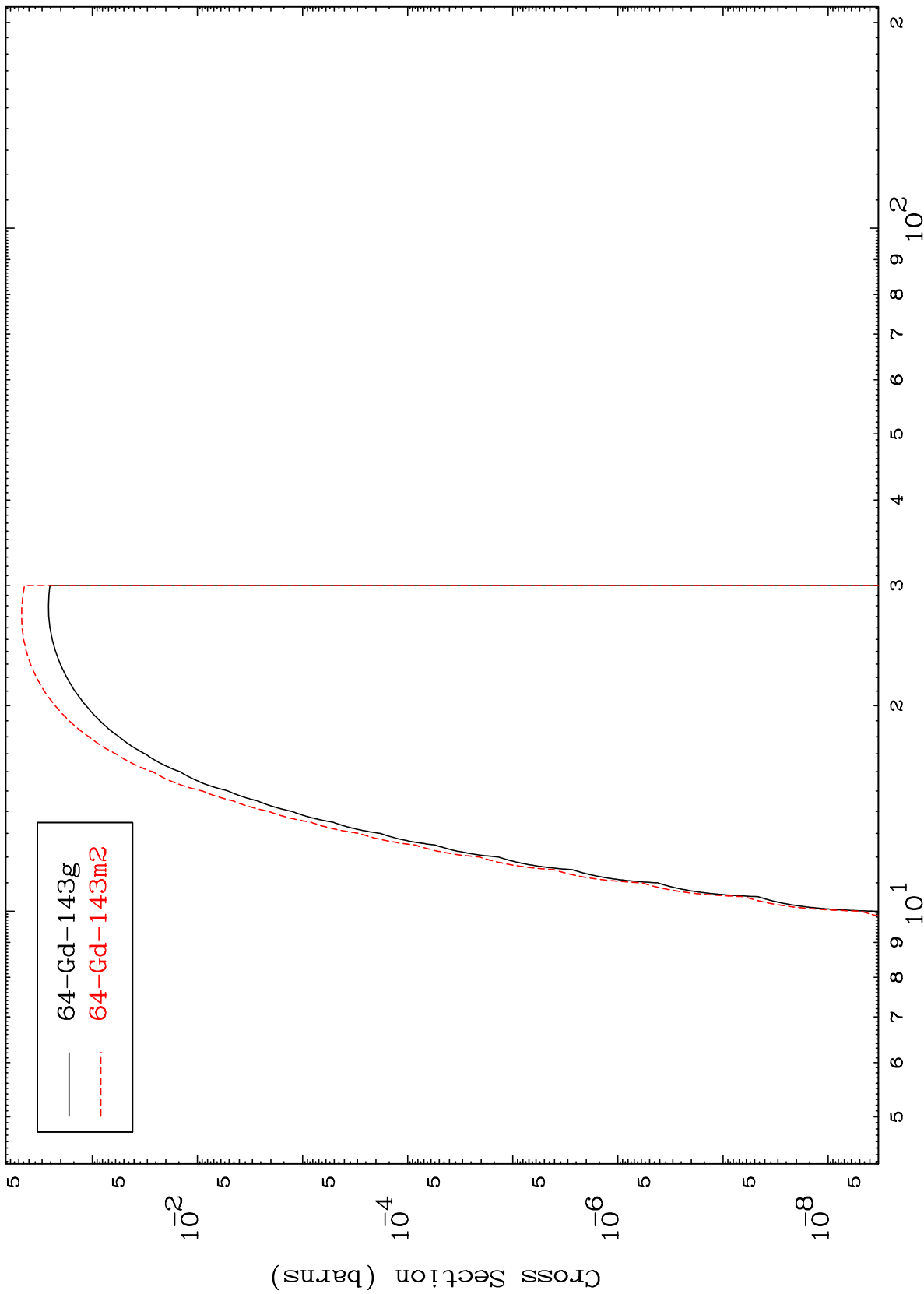
66-Dy-145

MAT 6593

(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



27

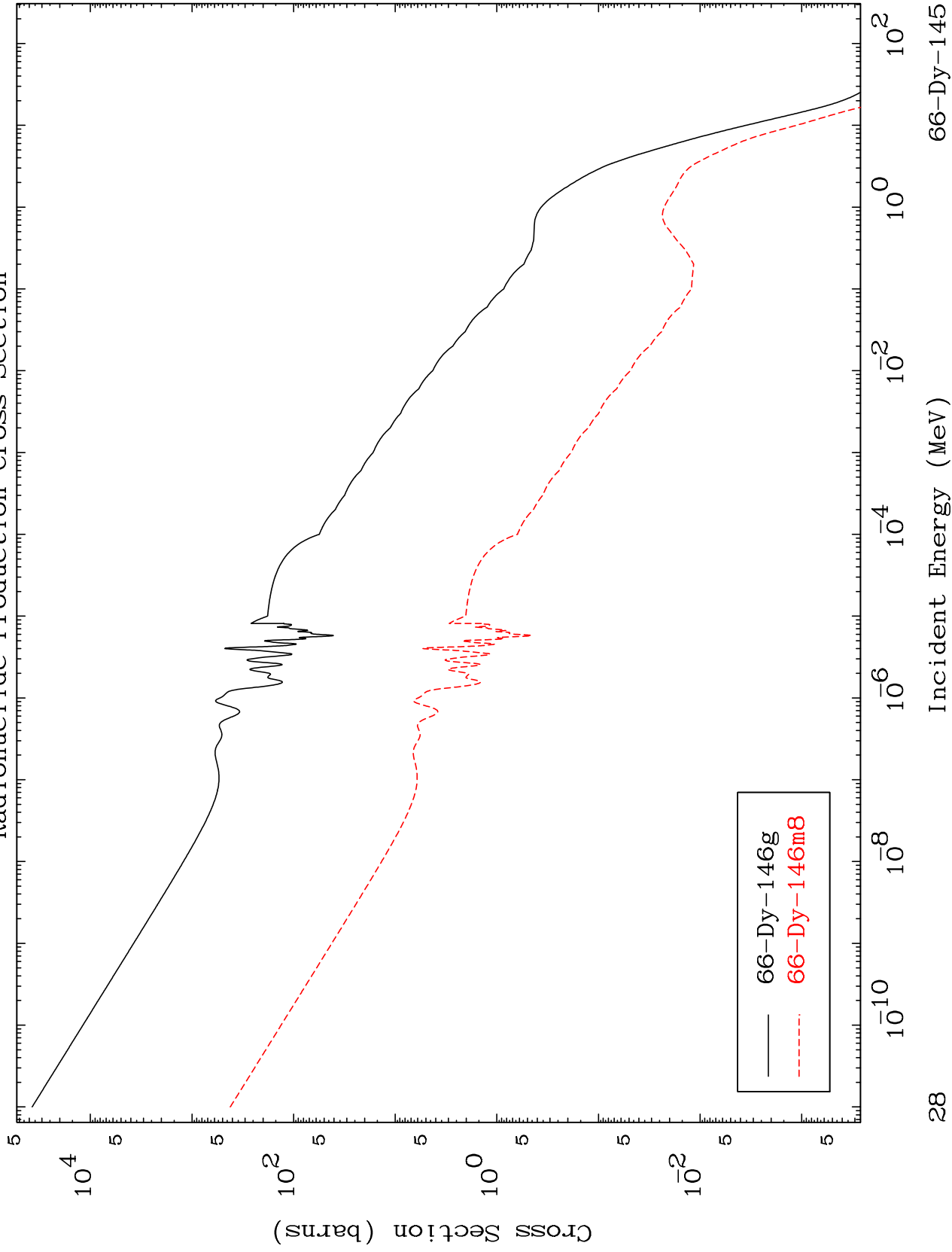
Incident Energy (MeV)

66-Dy-145

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66-Dy-145

(n, γ)
Radionuclide Production Cross Section

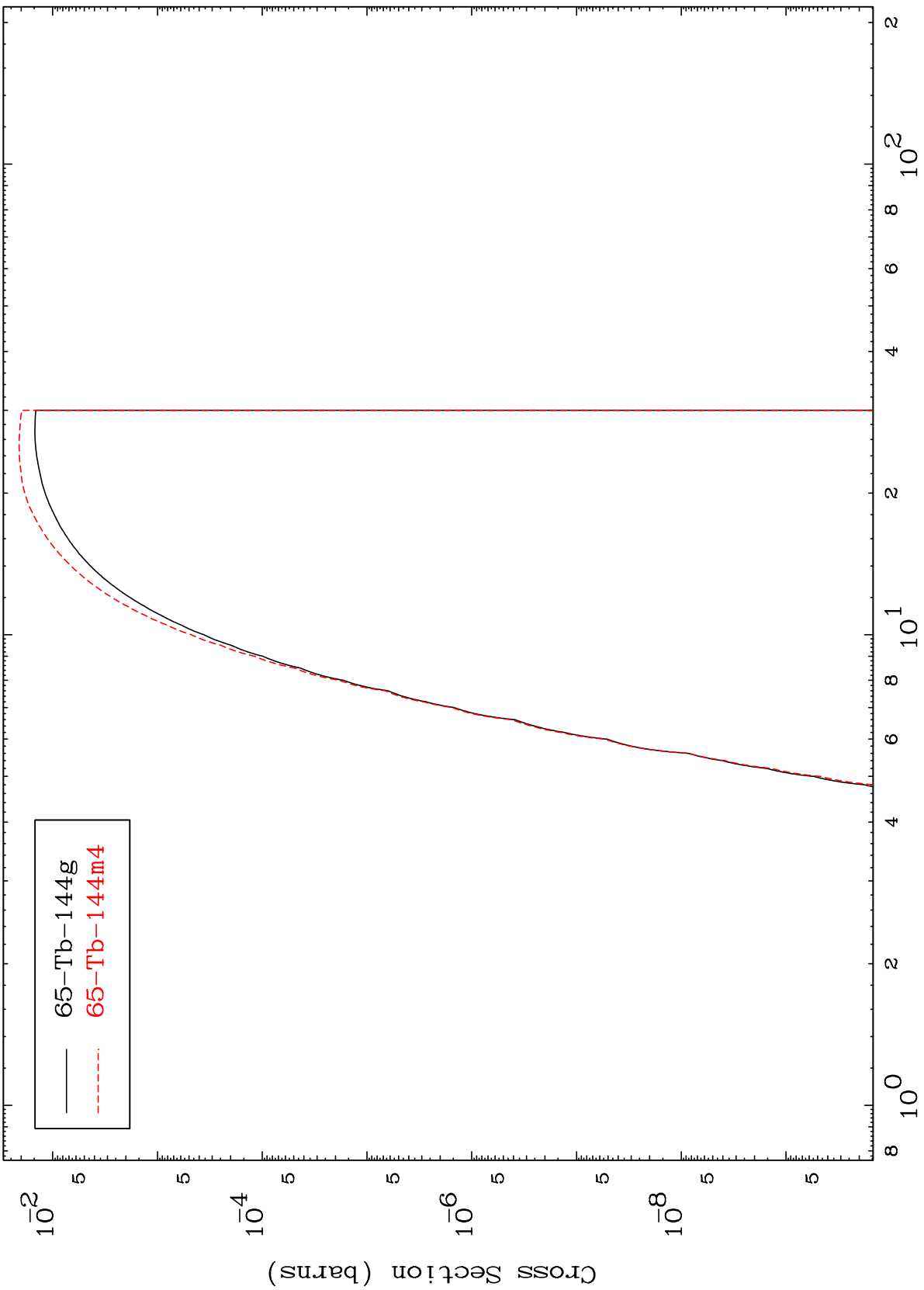


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(n,d)

66-Dy-145

Radionuclide Production Cross Section



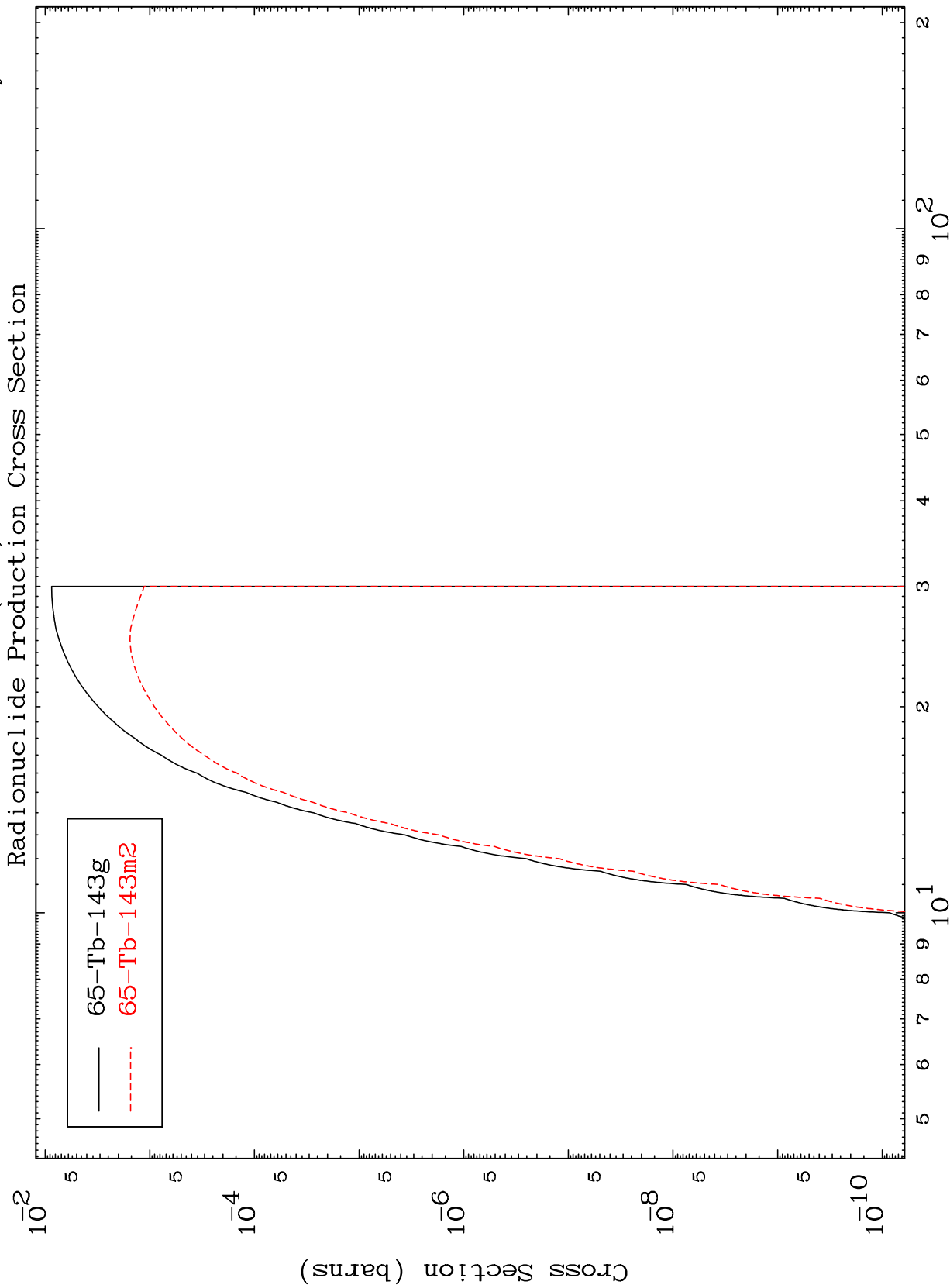
29

Incident Energy (MeV)

66-Dy-145

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66-Dy-145



30

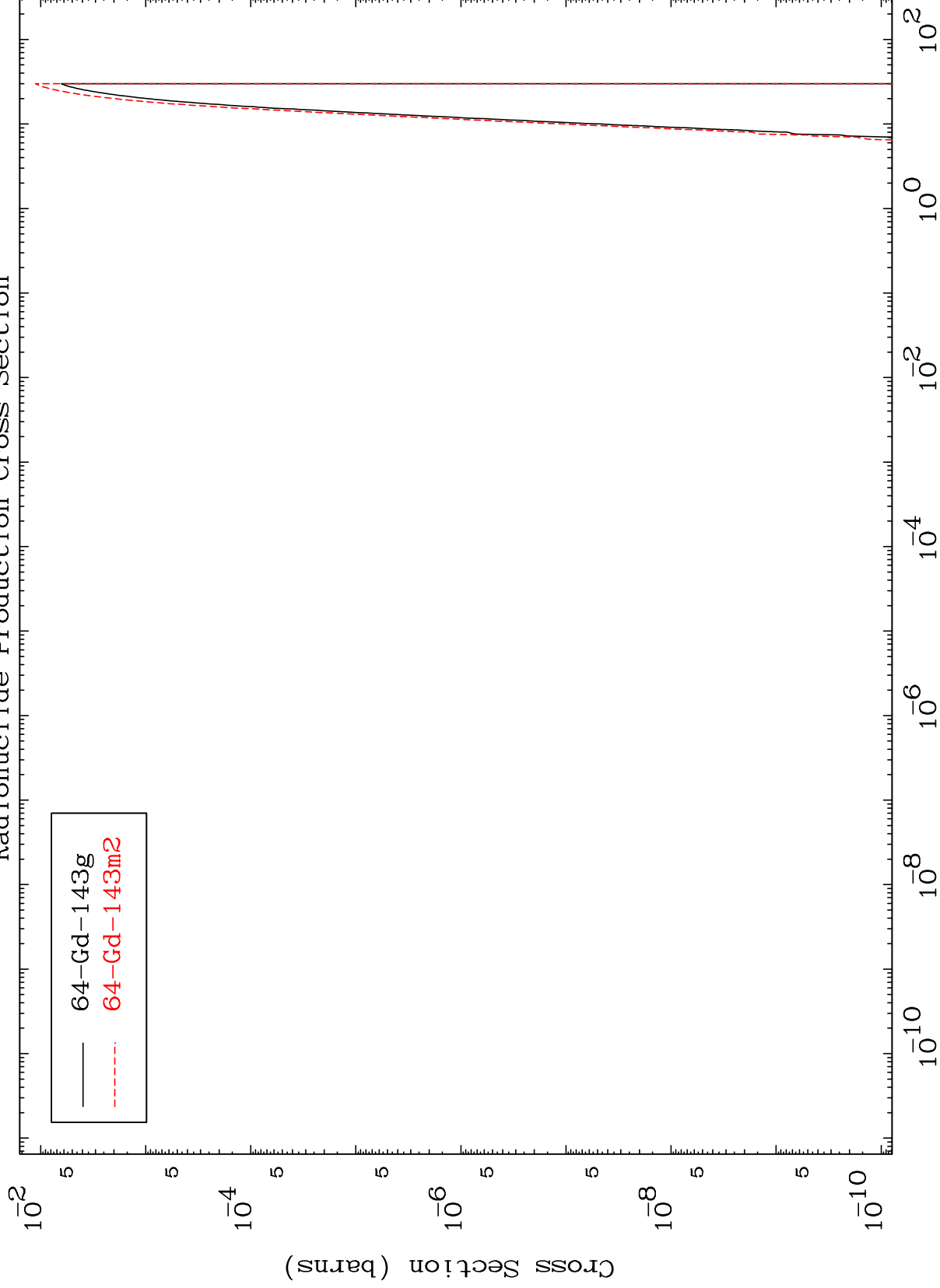
66-Dy-145

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(n,He-3)

66-Dy-145

Radionuclide Production Cross Section

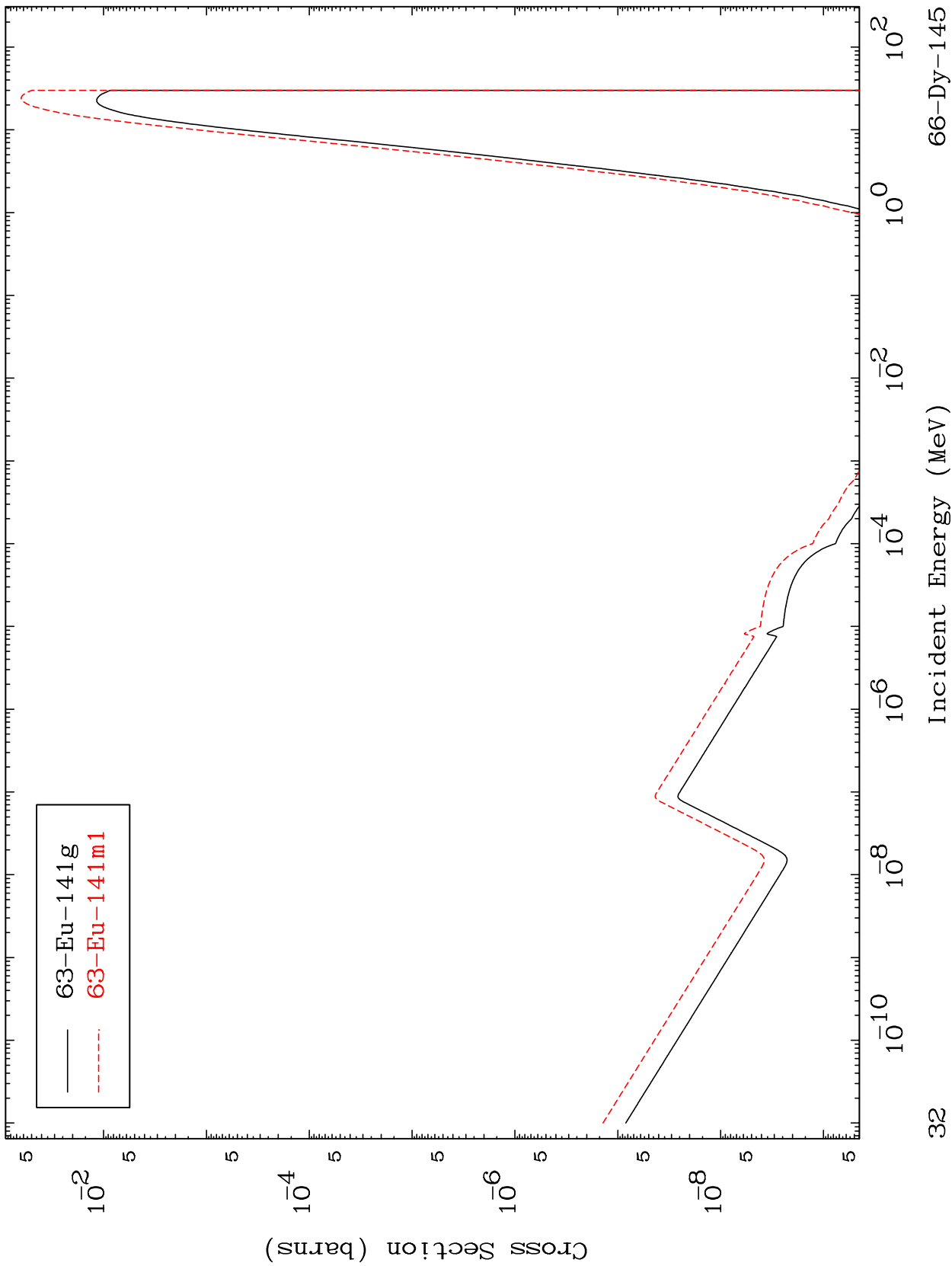


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(n,p) α

66-Dy-145

Radionuclide Production Cross Section

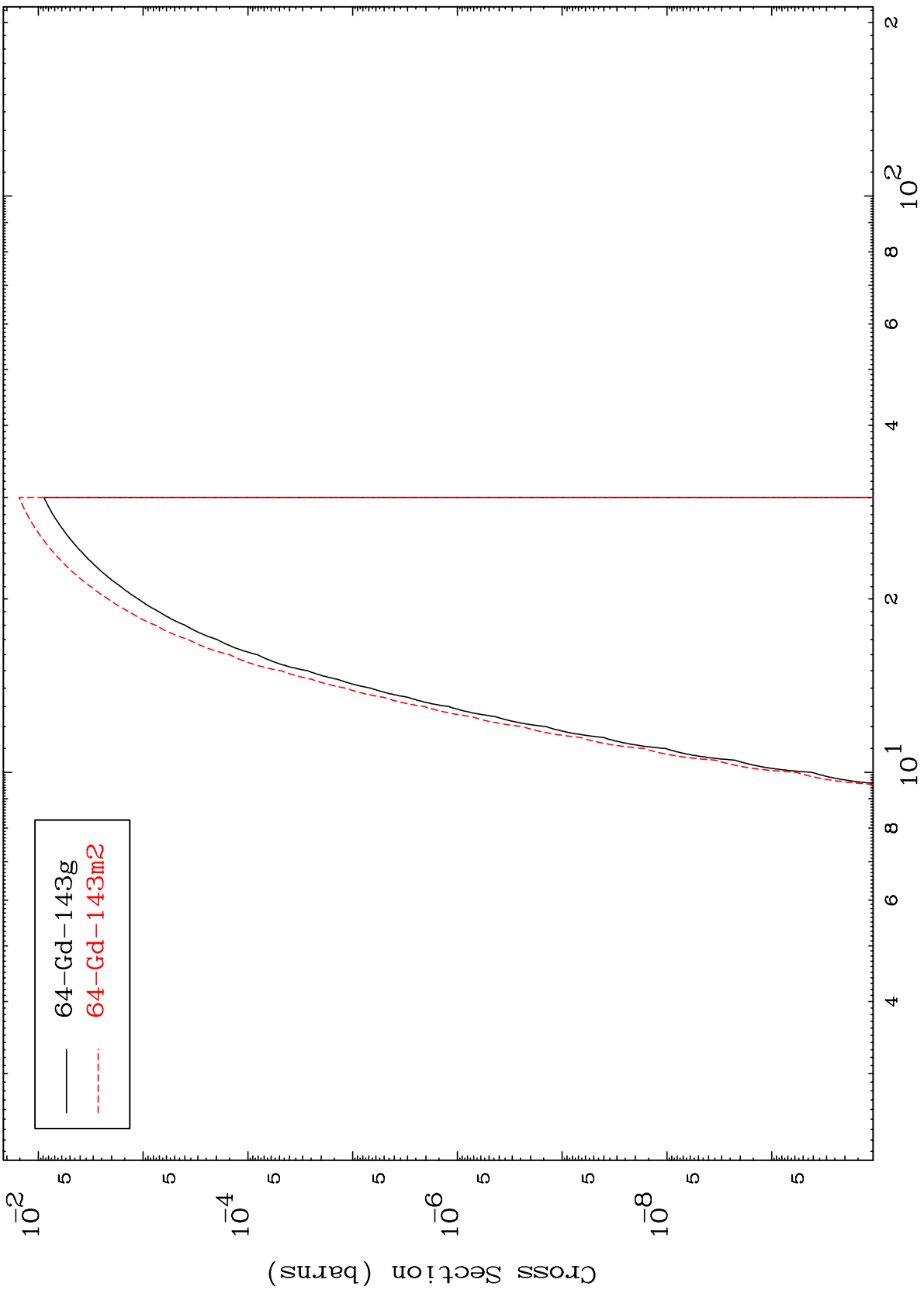


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(n,p) d

⁶⁶Dy-145

Radionuclide Production Cross Section



Legend:
— 64-Gd-143g
- - - 64-Gd-143m2