

Program EVALPLOT
(Version 2015-2)

by

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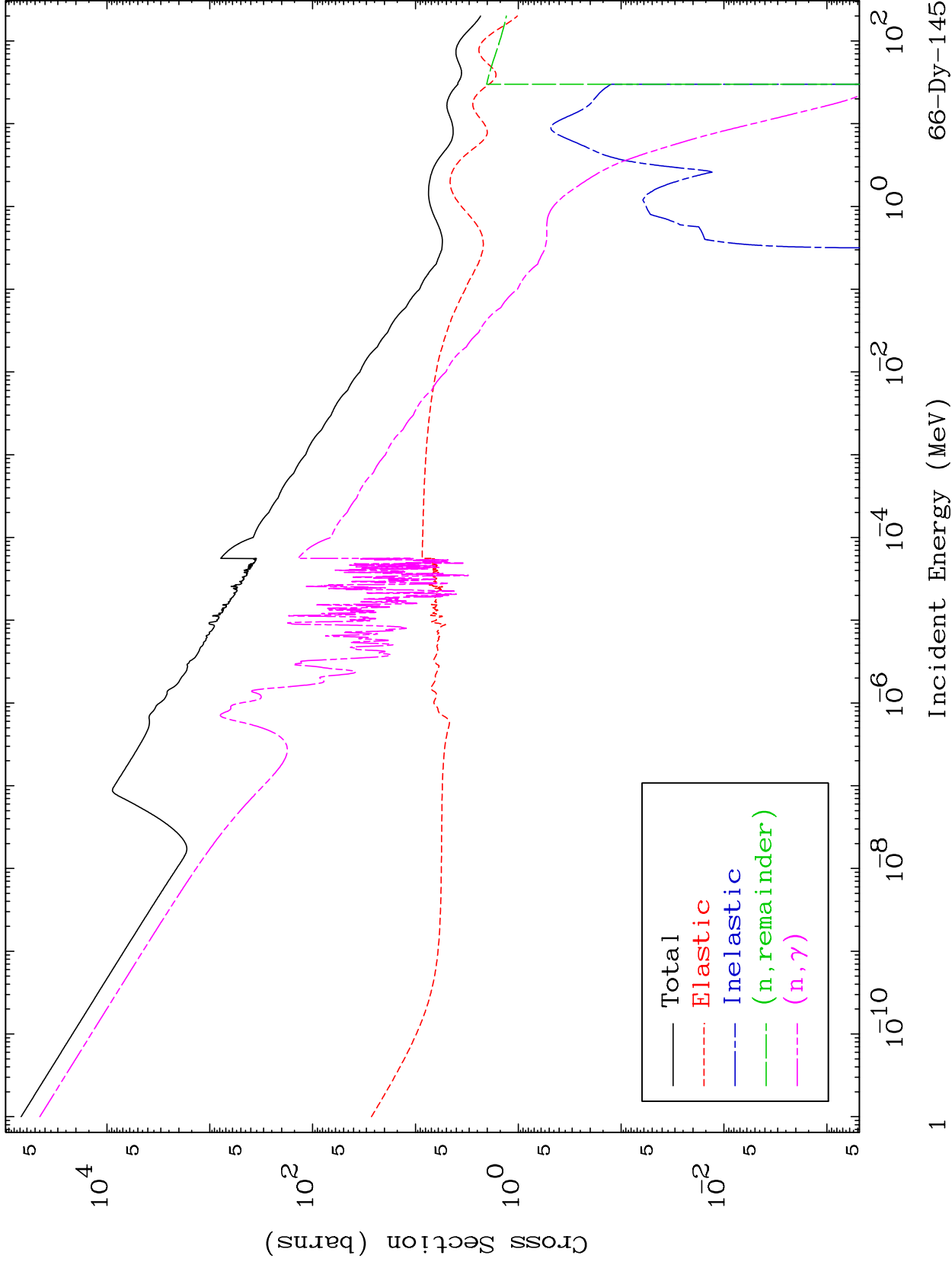
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6593

Major
293 Kelvin Cross Sections

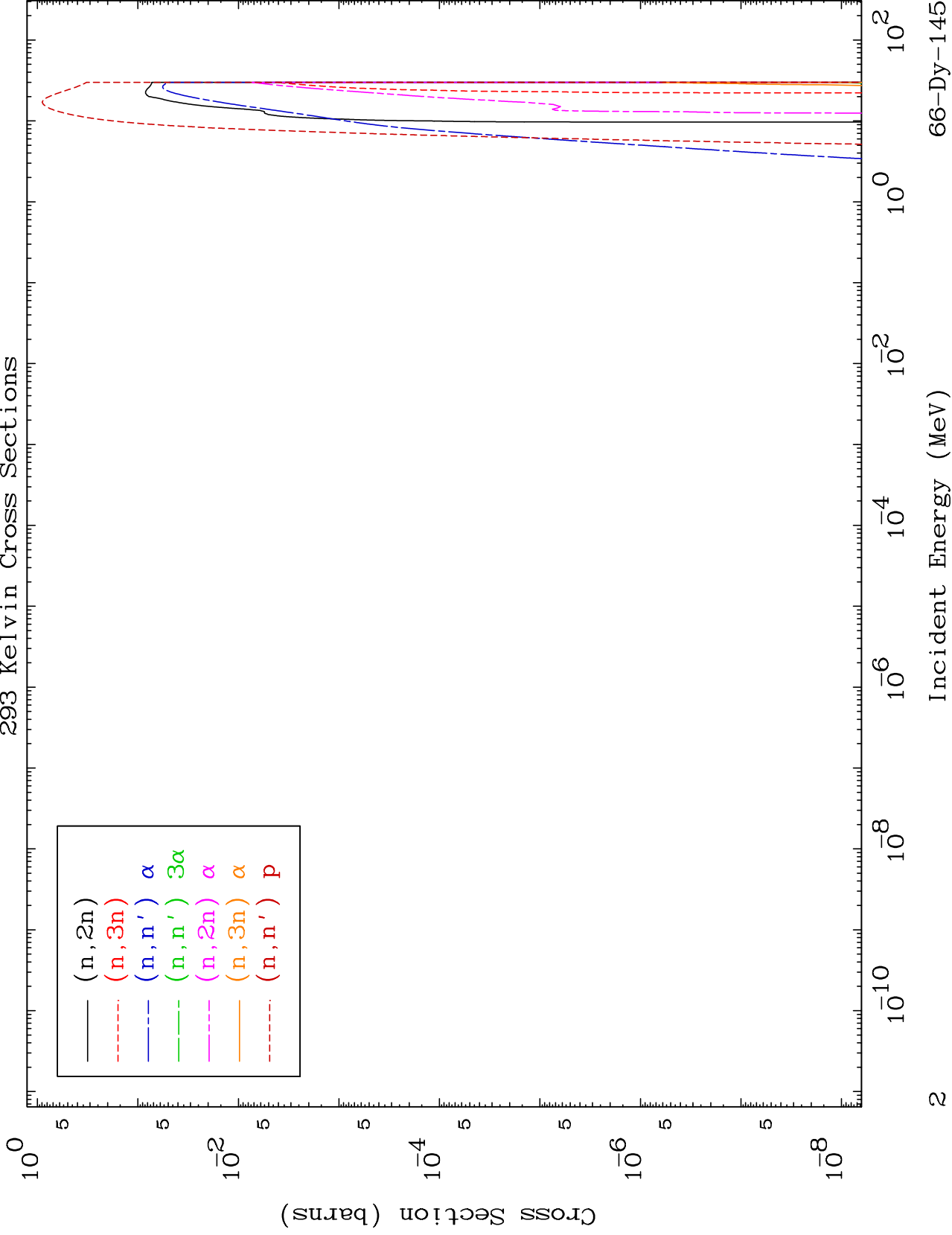
66-Dy-145



MAT 6593

Neutron Production
293 Kelvin Cross Sections

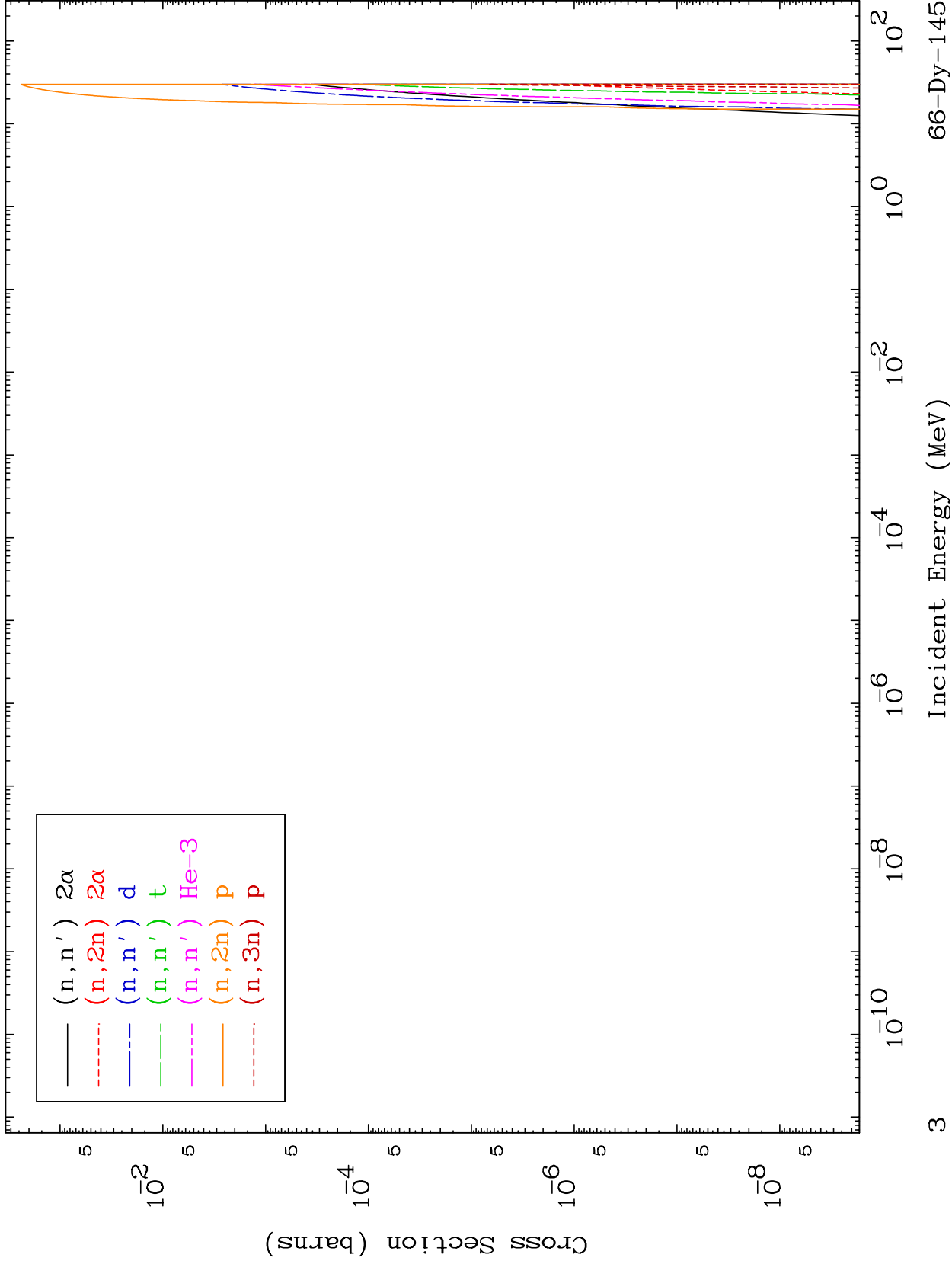
66-Dy-145



MAT 6593

Neutron Production
293 Kelvin Cross Sections

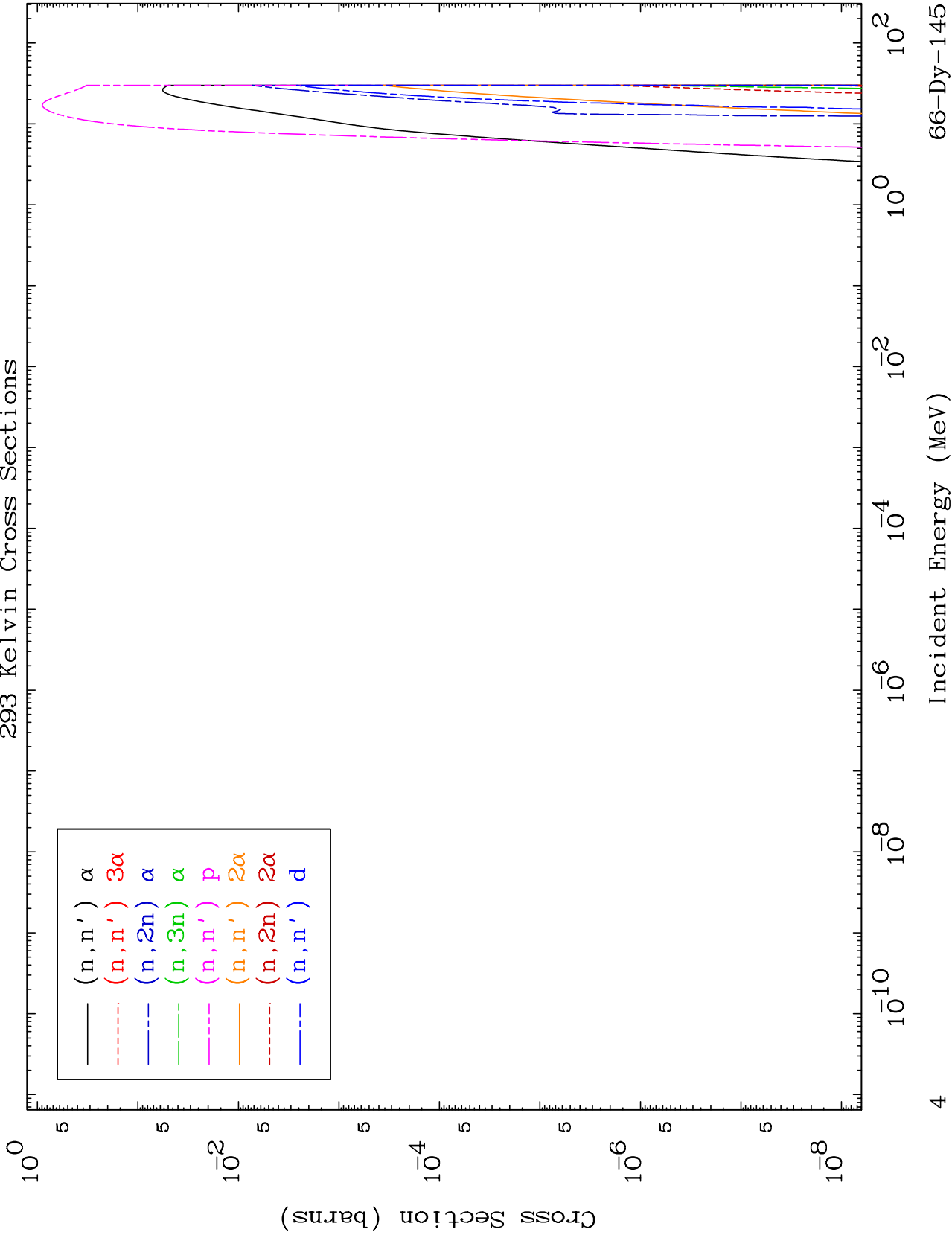
66-Dy-145



MAT 6593

Charged Particle
293 Kelvin Cross Sections

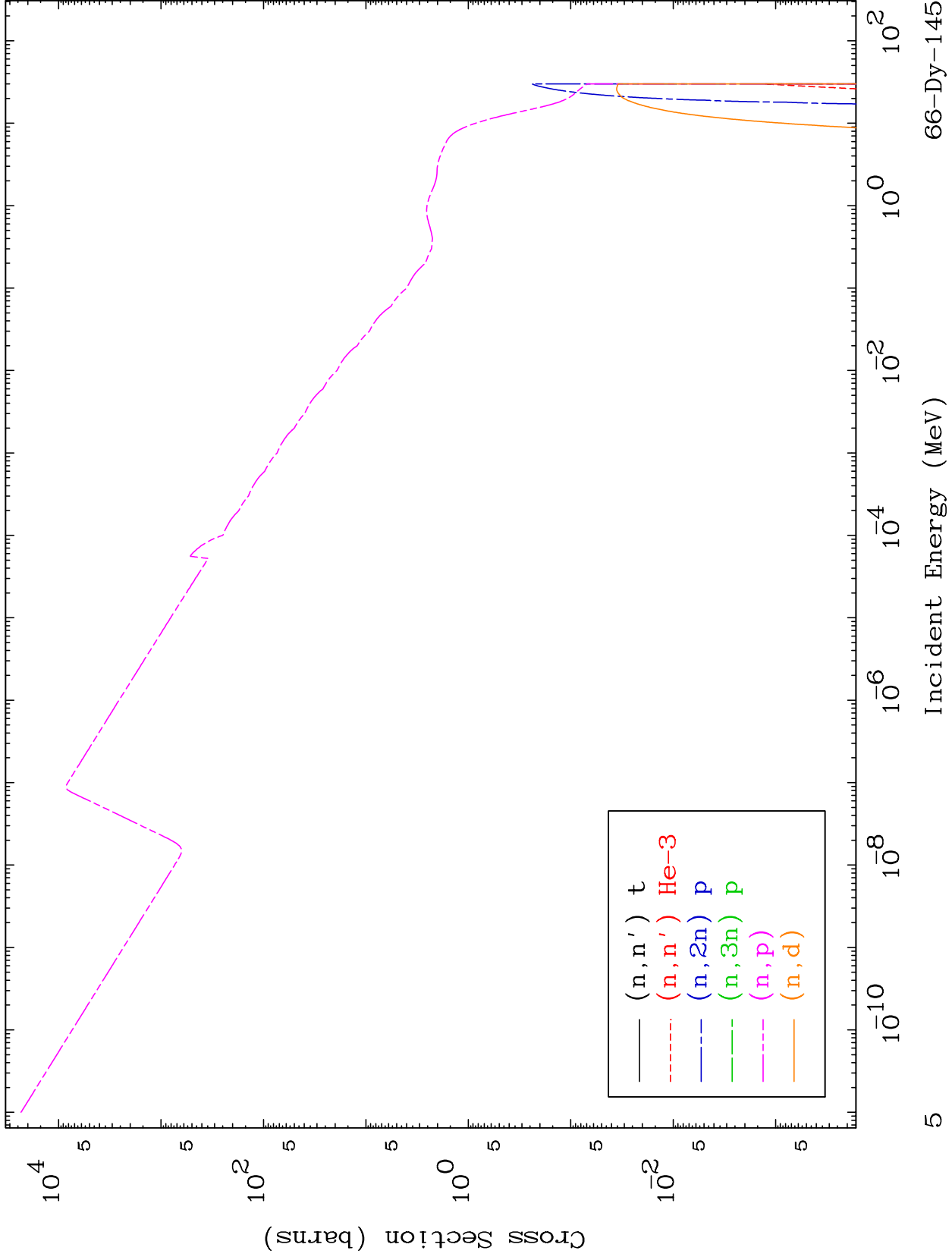
66-Dy-145



MAT 6593

Charged Particle
293 Kelvin Cross Sections

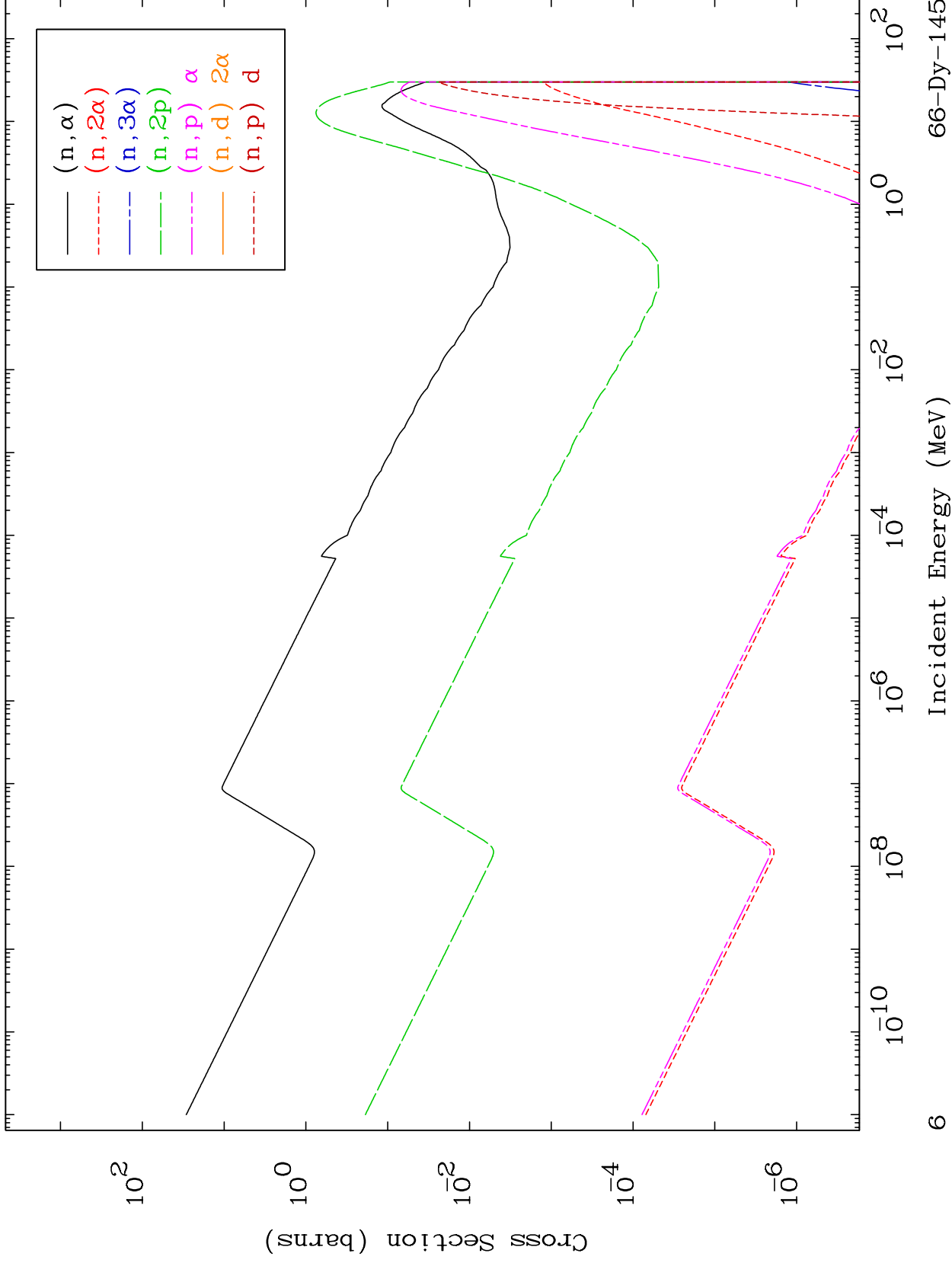
66-Dy-145



MAT 6593

Charged Particle
293 Kelvin Cross Sections

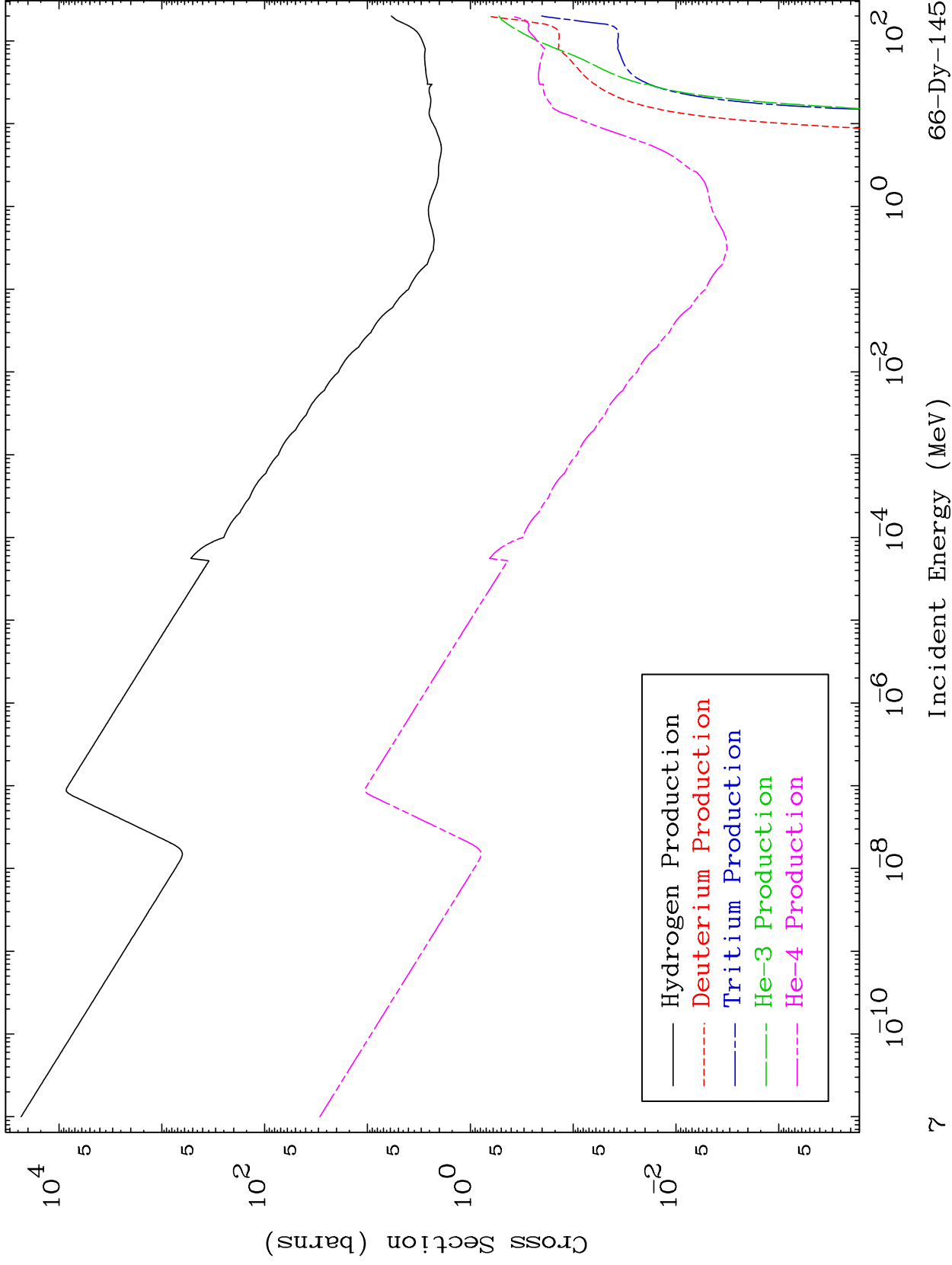
66-Dy-145



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Particle Production
293 Kelvin Cross Sections

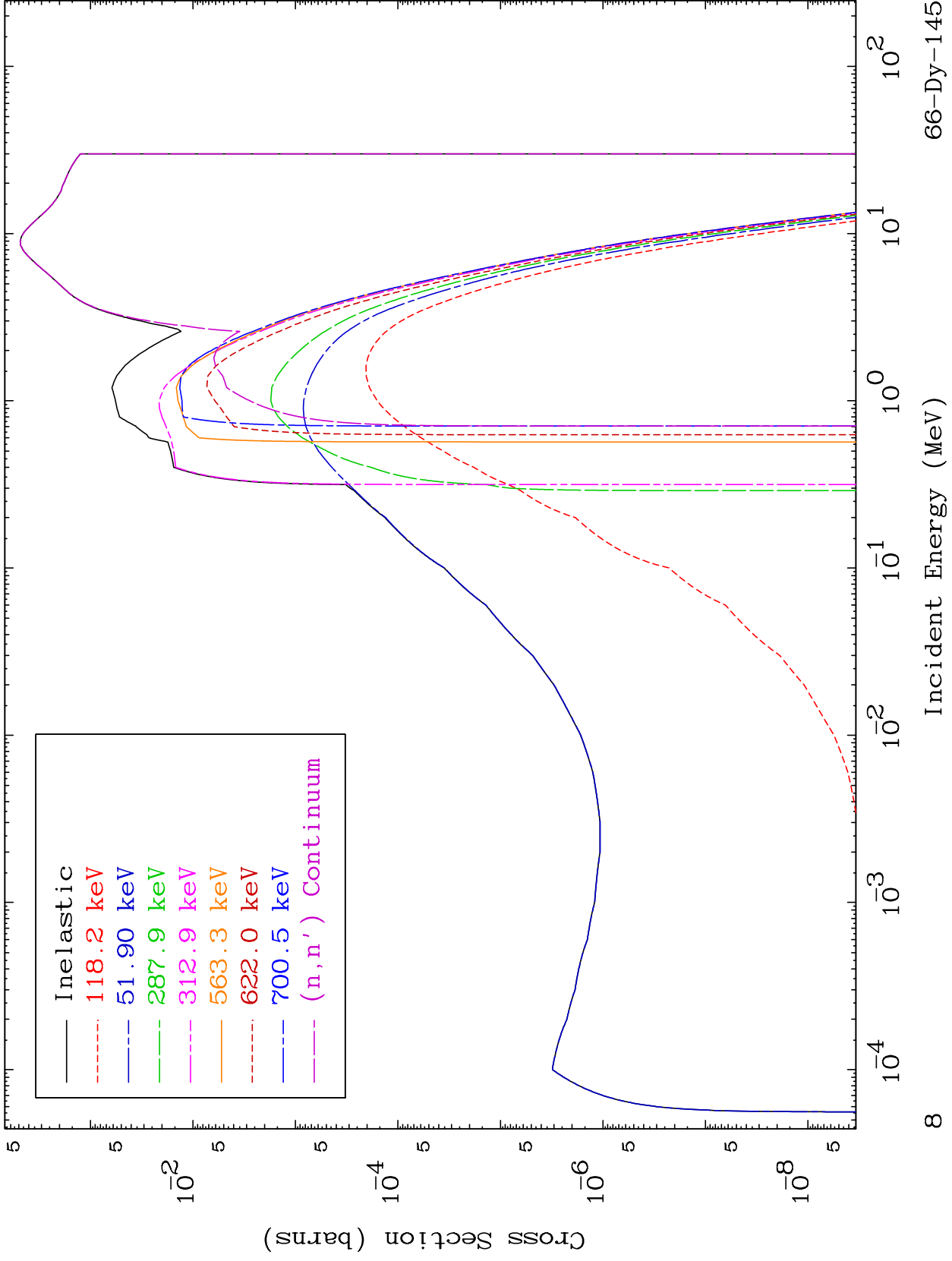
66-Dy-145



MAT 6593

(n,n') Level
293 Kelvin Cross Sections

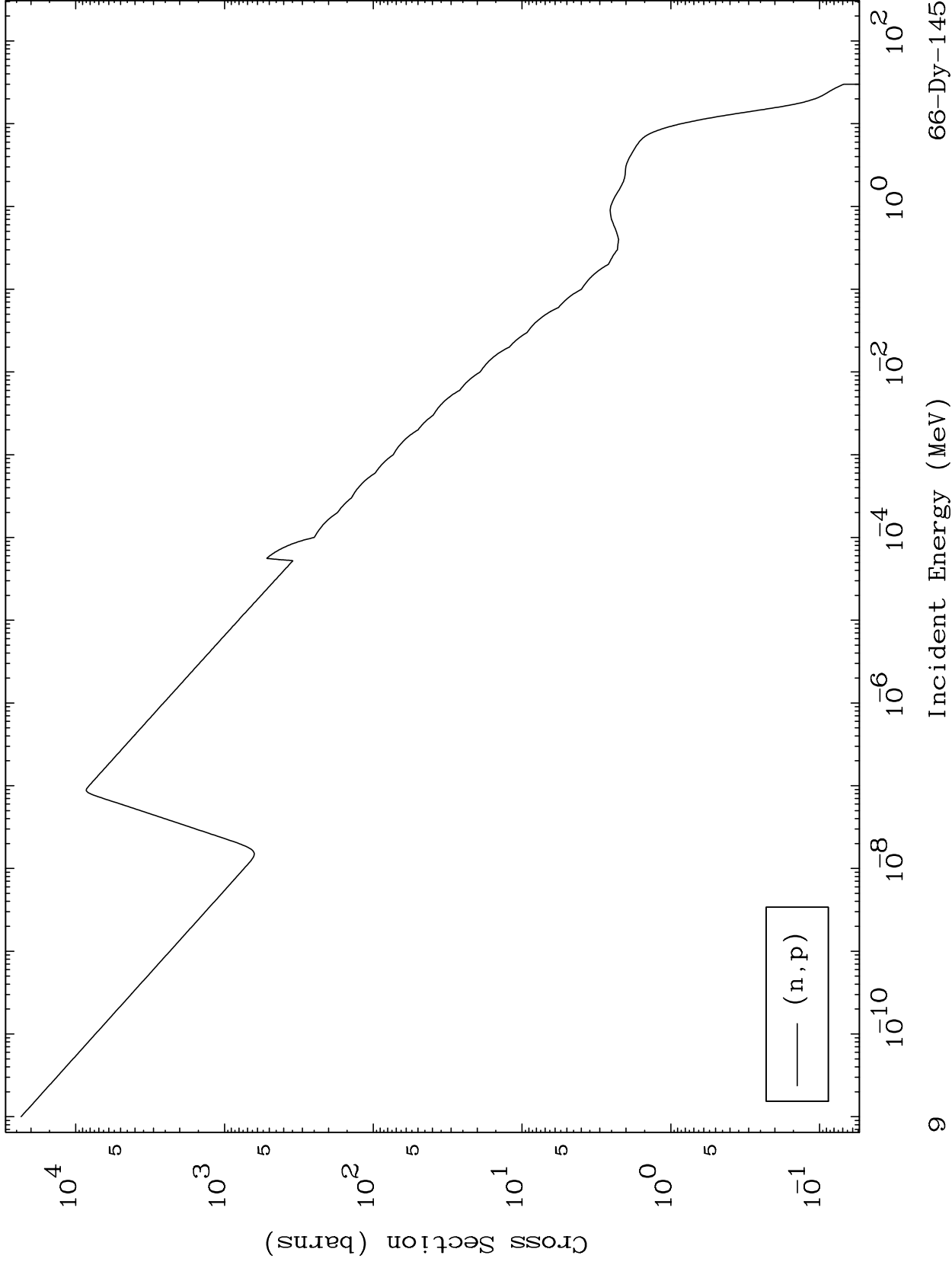
66-Dy-145



MAT 6593

(n,p) Levels
293 Kelvin Cross Sections

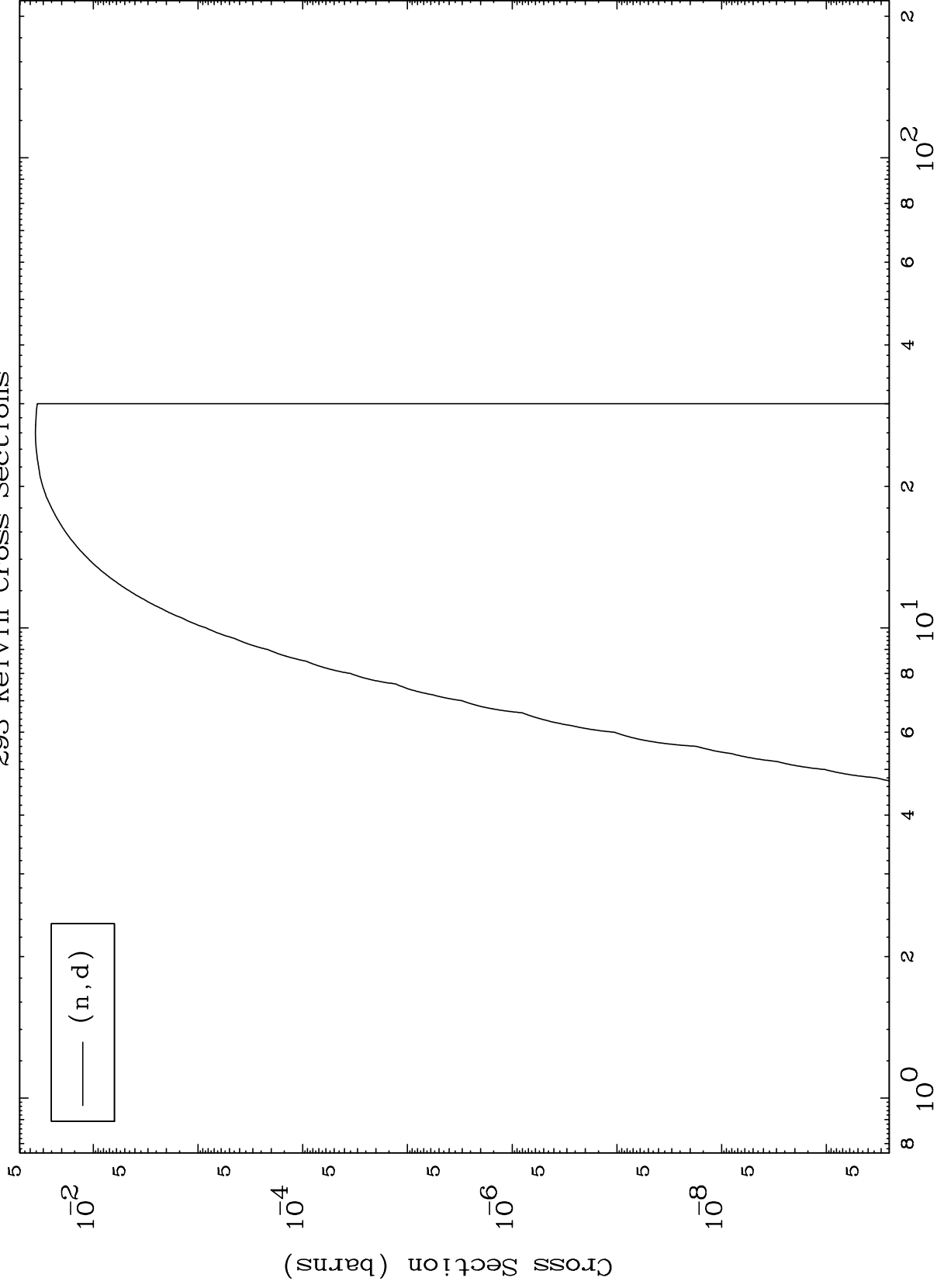
66-Dy-145



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(n,d) Levels
293 Kelvin Cross Sections

66-Dy-145



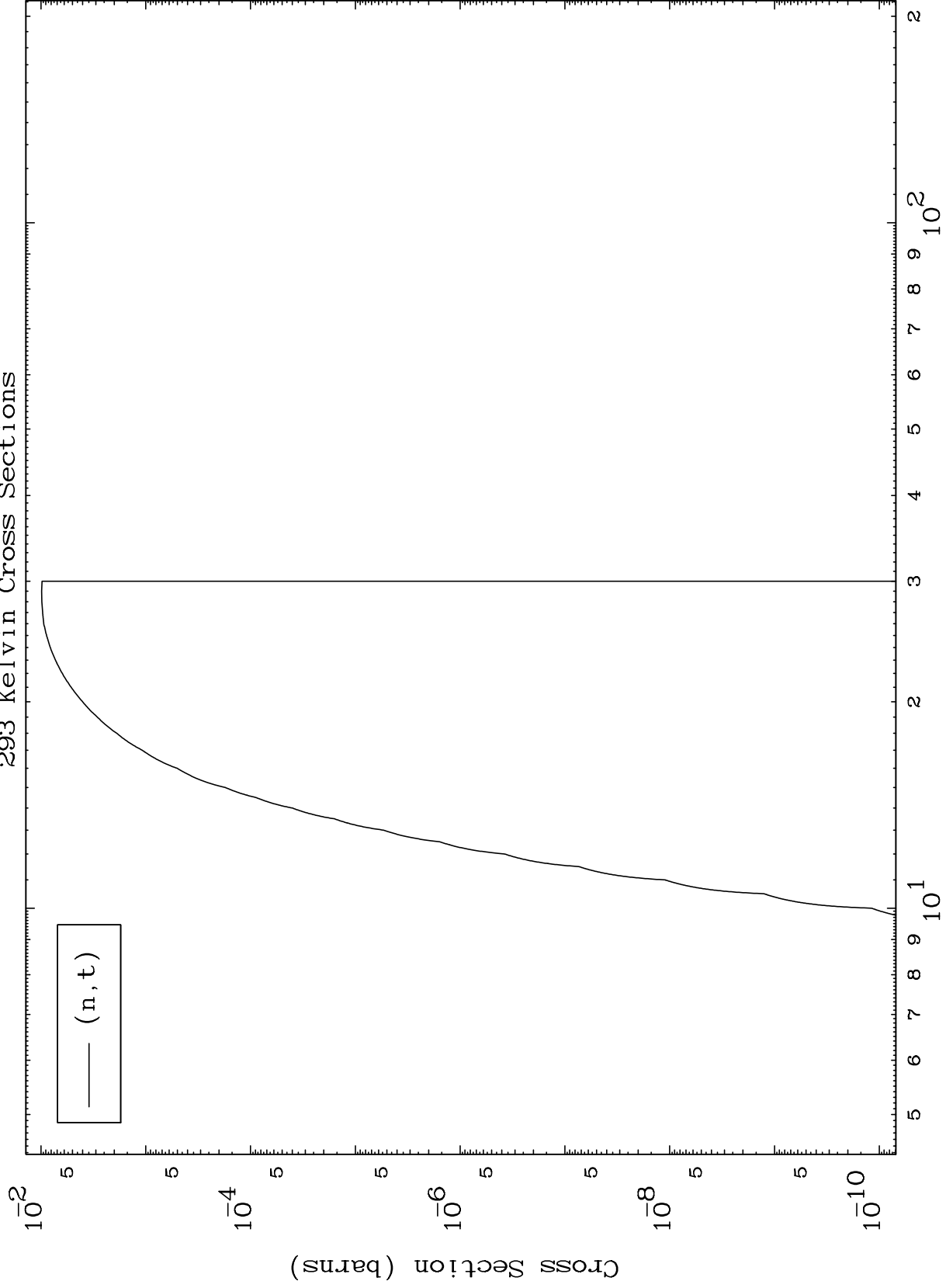
Incident Energy (MeV)

66-Dy-145

MAT 6593

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-145



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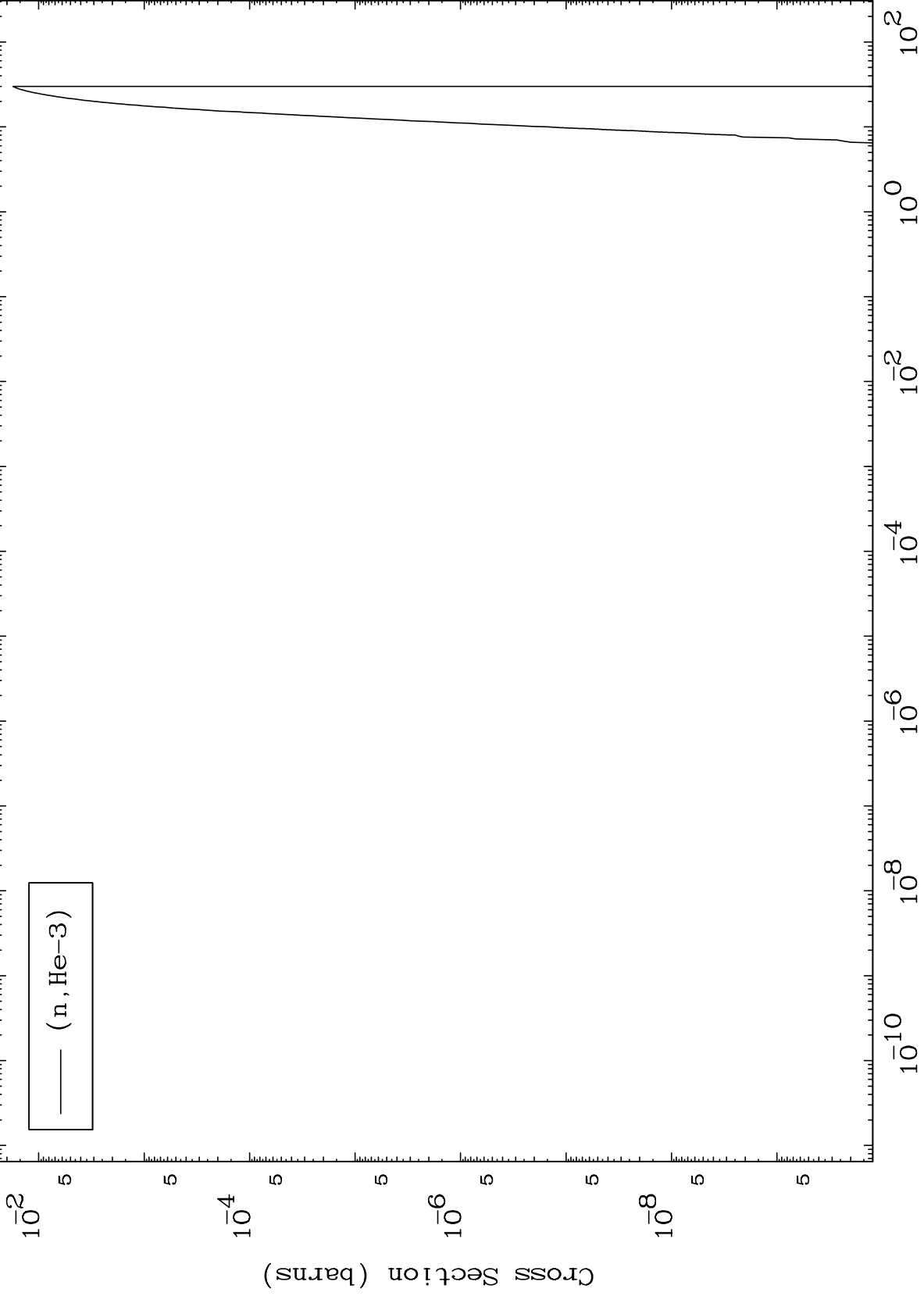
Incident Energy (MeV)

66-Dy-145

MAT 6593

(n,He3) Levels
293 Kelvin Cross Sections

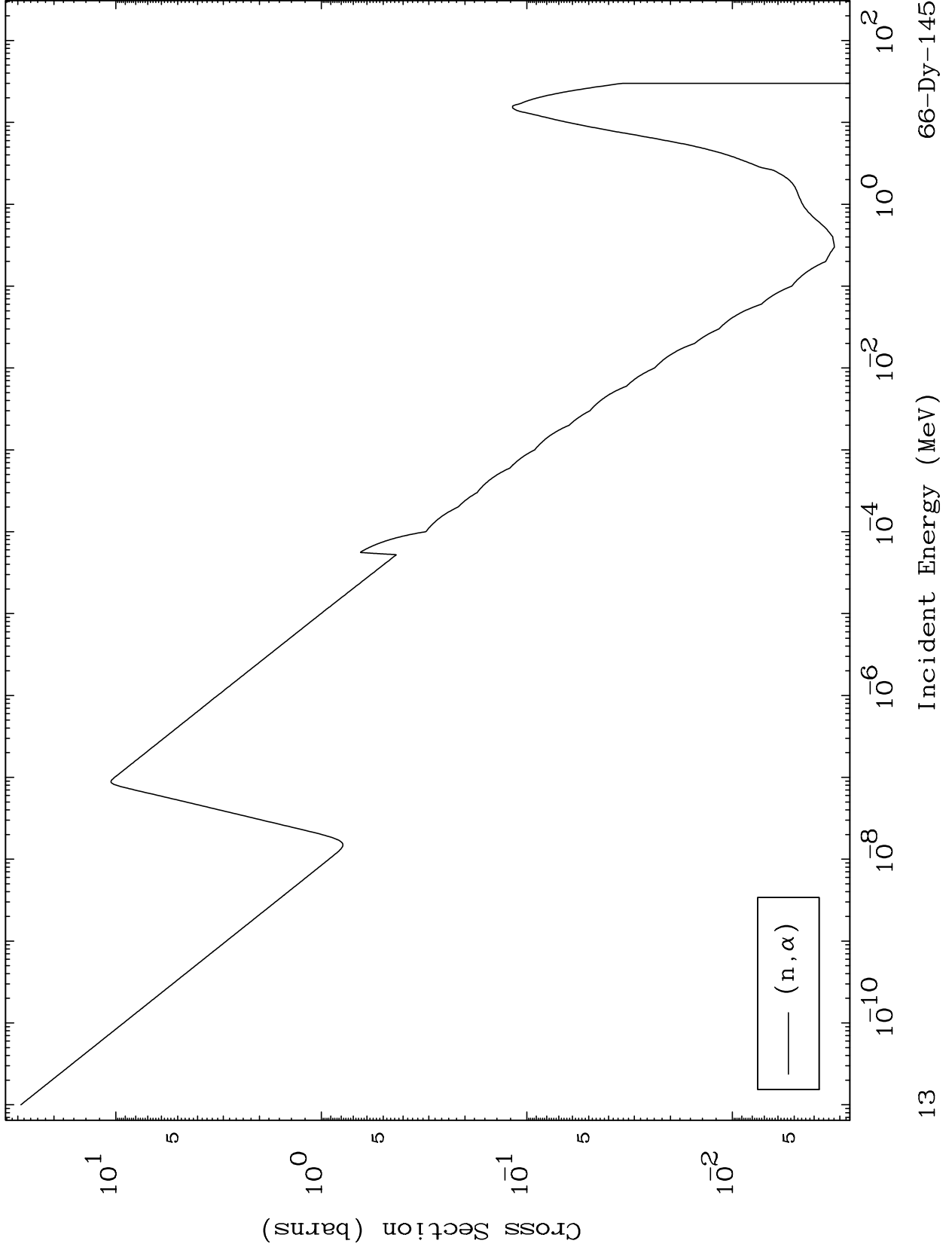
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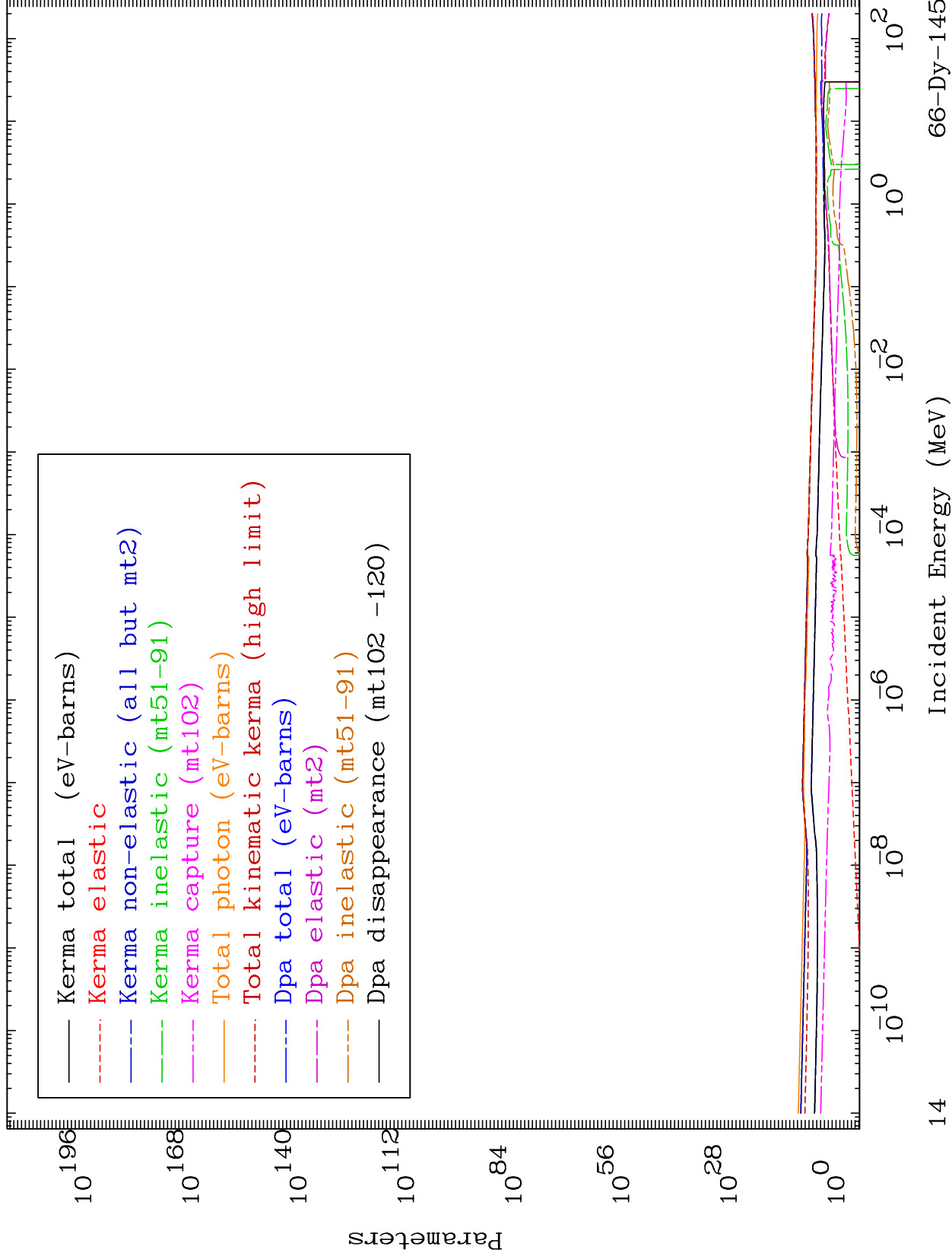


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(n,α) Levels
293 Kelvin Cross Sections

66-Dy-145

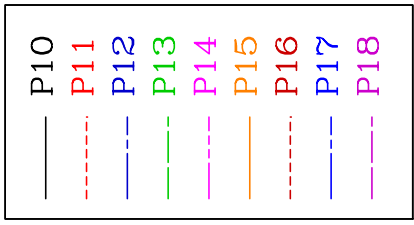
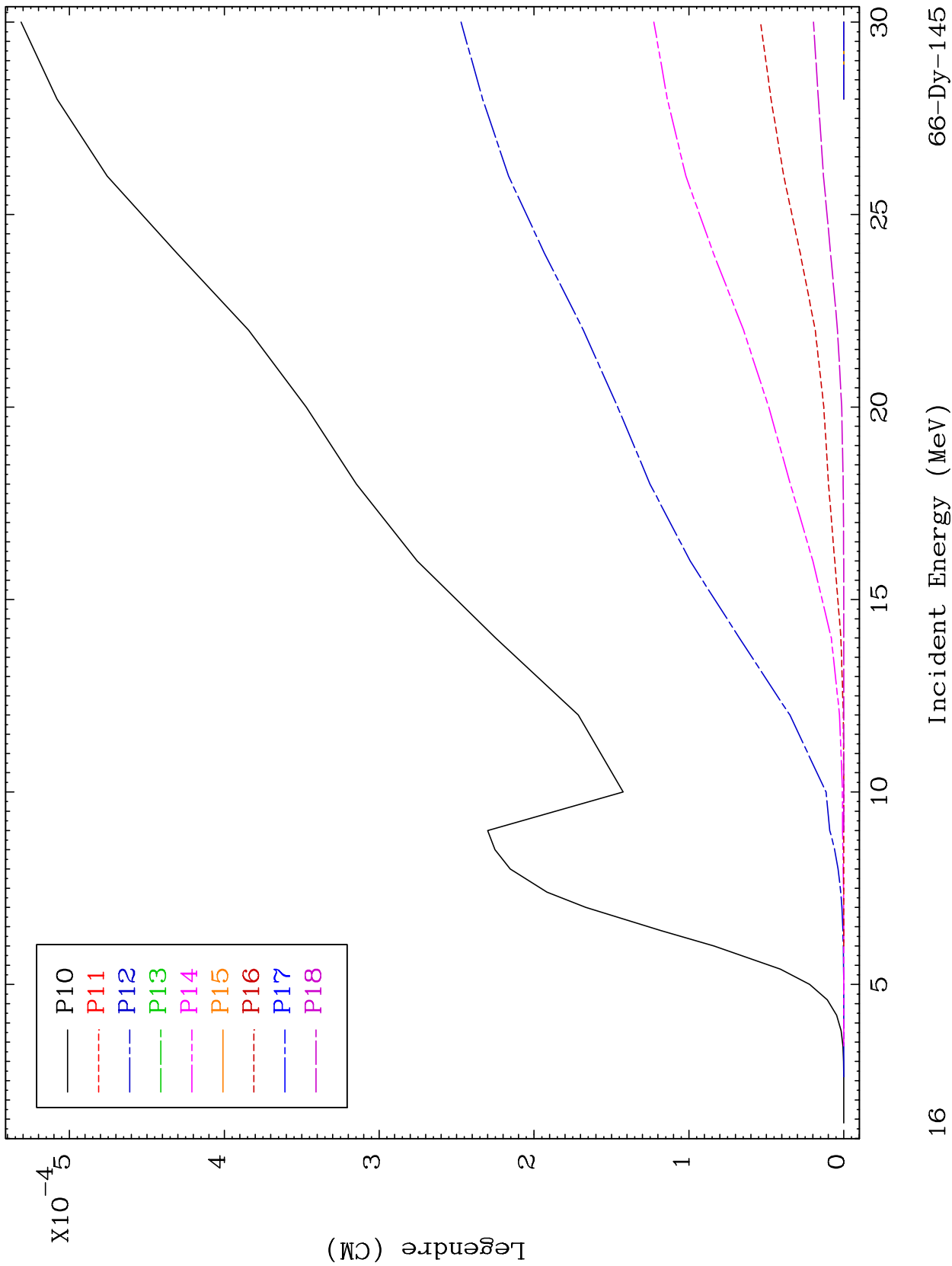




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Elastic Legendre Coefficients

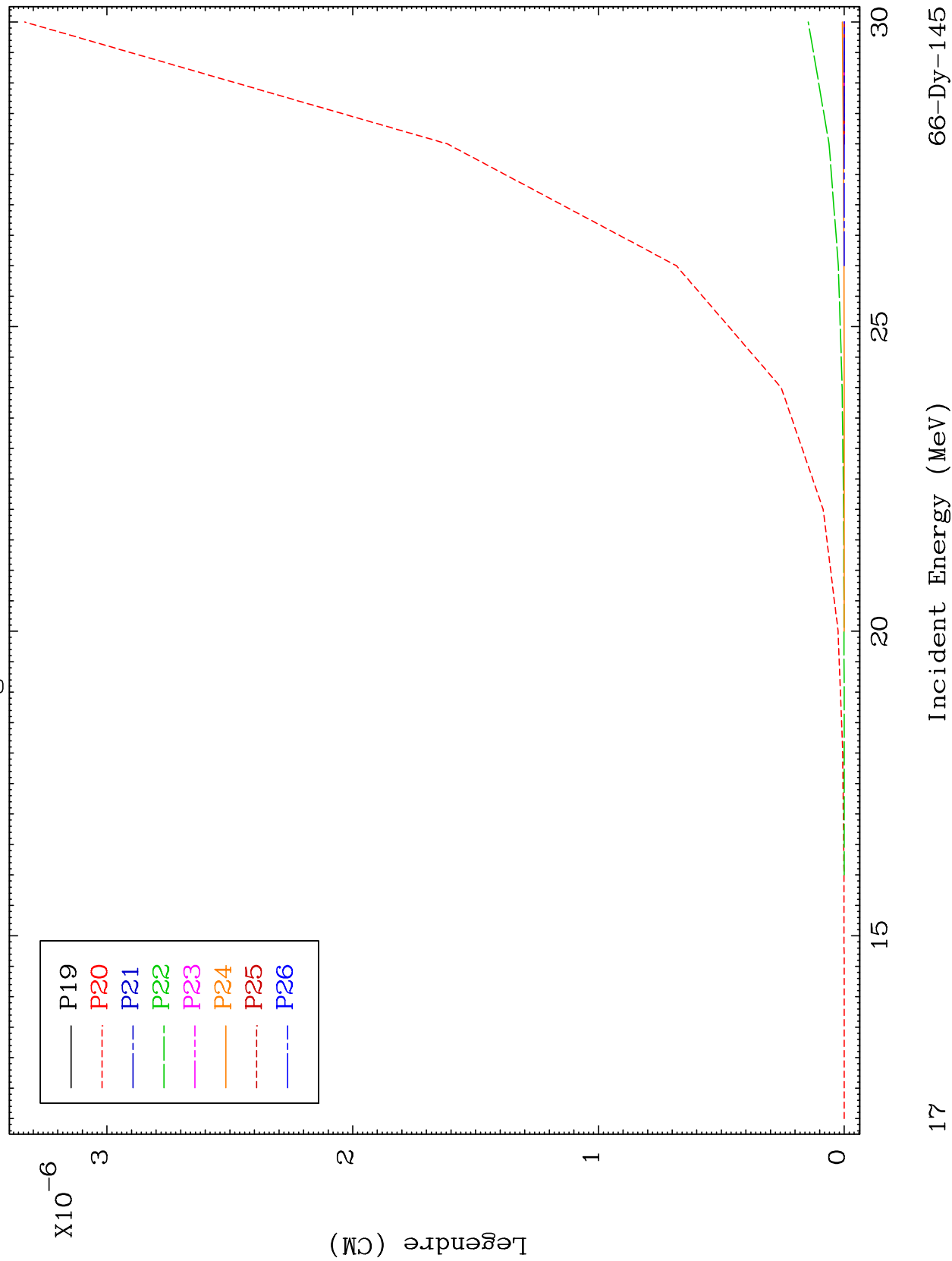
66-Dy-145



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Elastic Legendre Coefficients

66-Dy-145



17

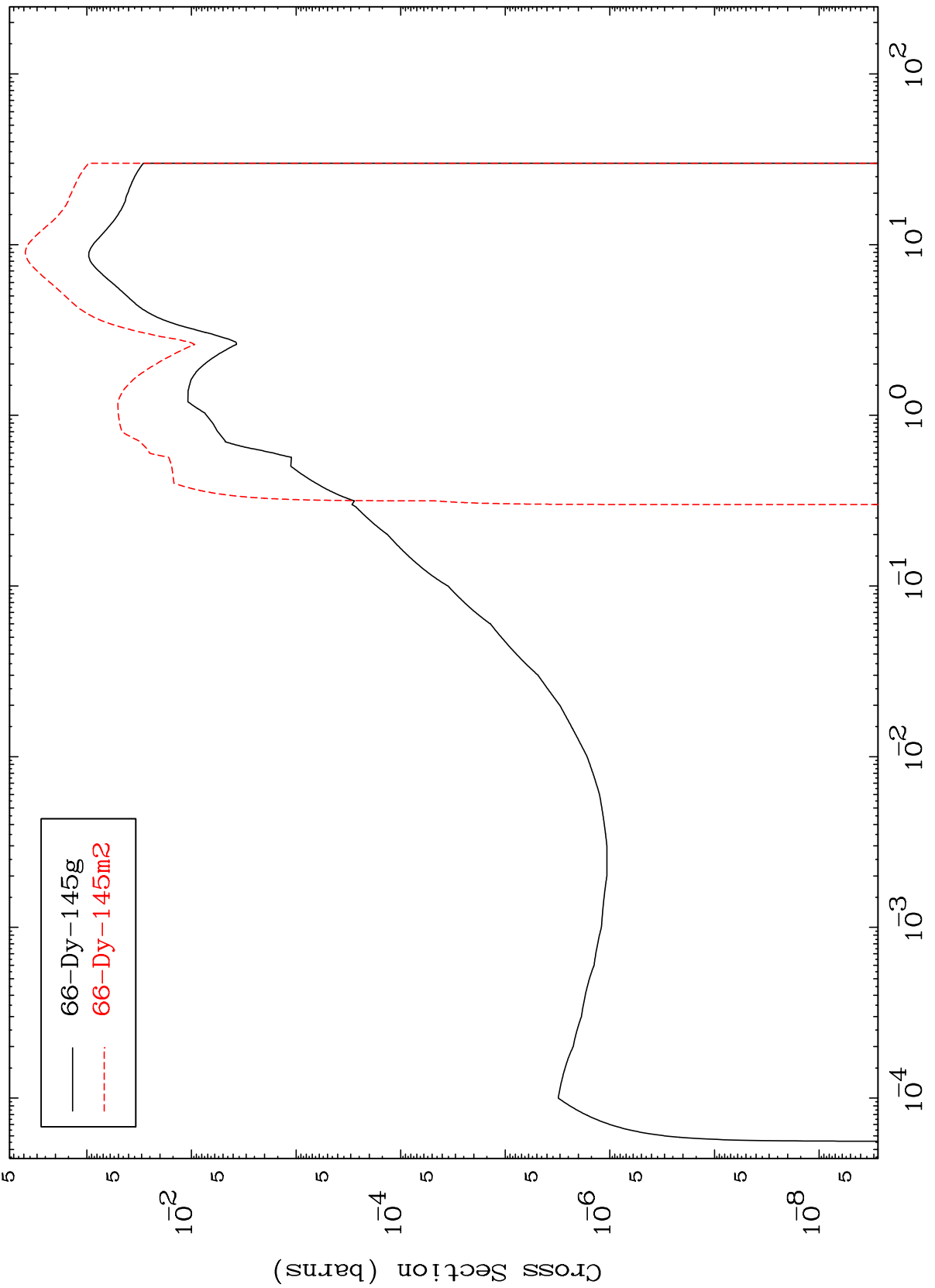
Incident Energy (MeV)

66-Dy-145

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66-Dy-145

Inelastic
Radionuclide Production Cross Section



18

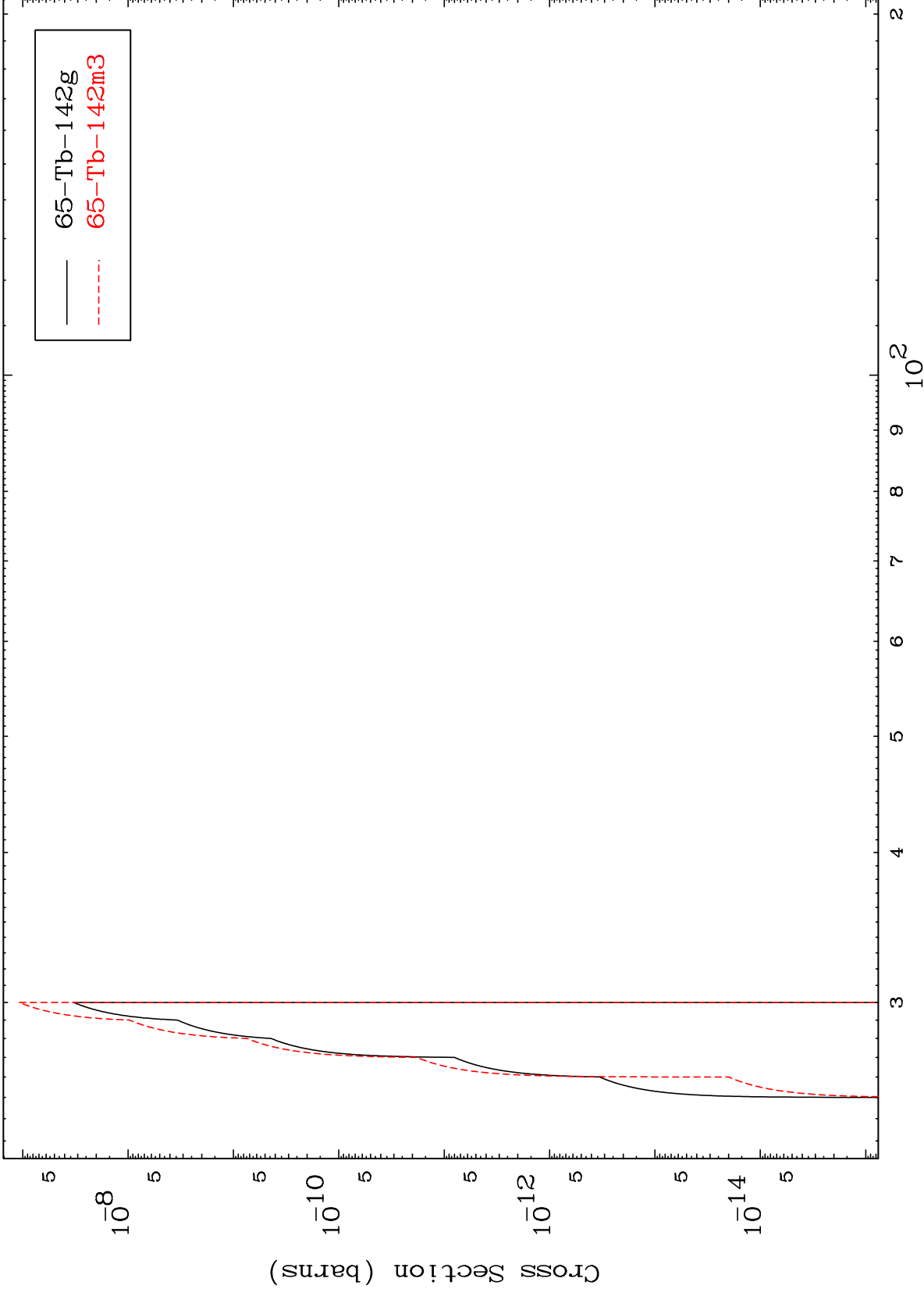
66-Dy-145

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(n,2n) d

66-Dy-145

Radionuclide Production Cross Section



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

19

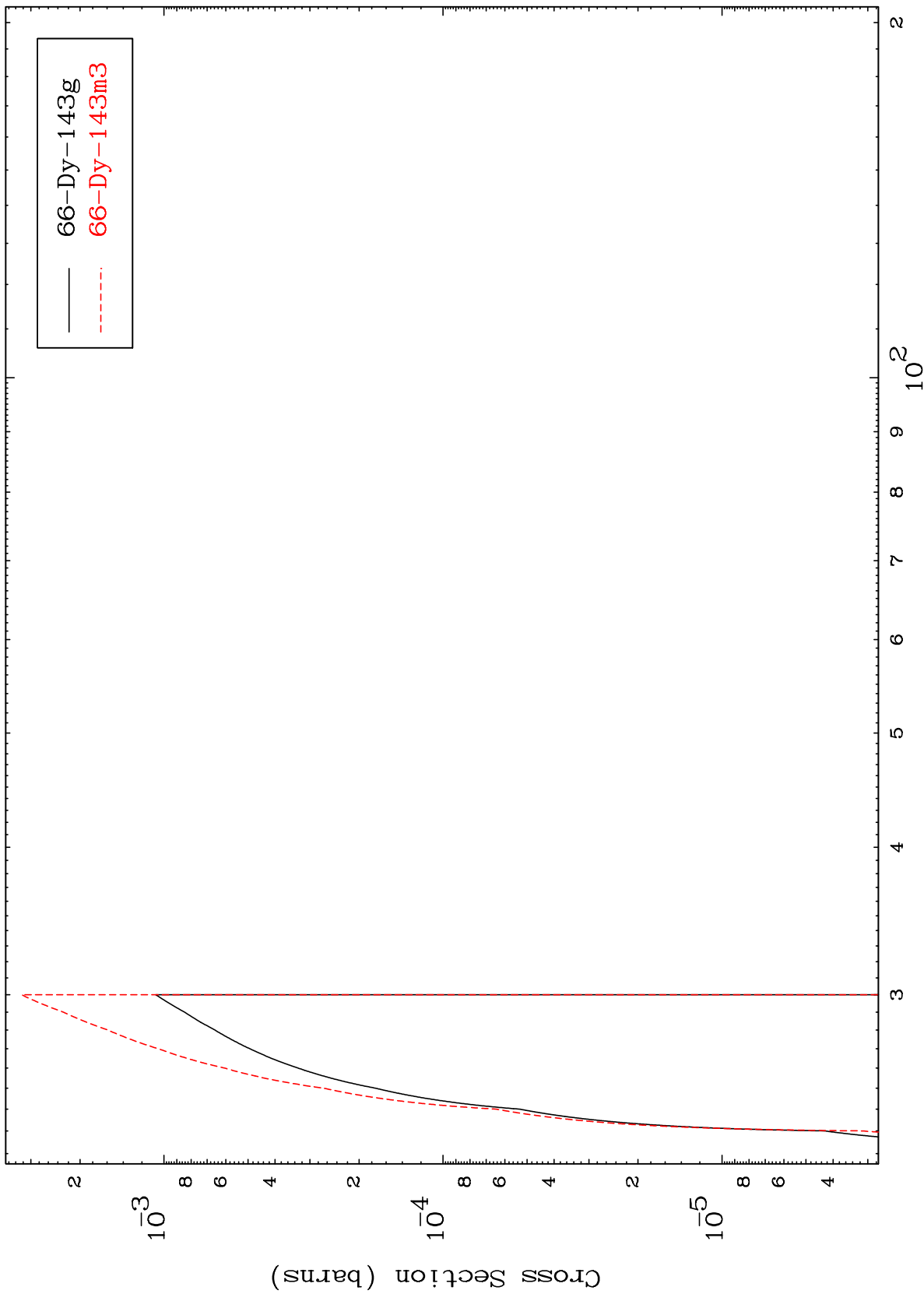
Incident Energy (MeV)

66-Dy-145

MAT 6593

66-Dy-145

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

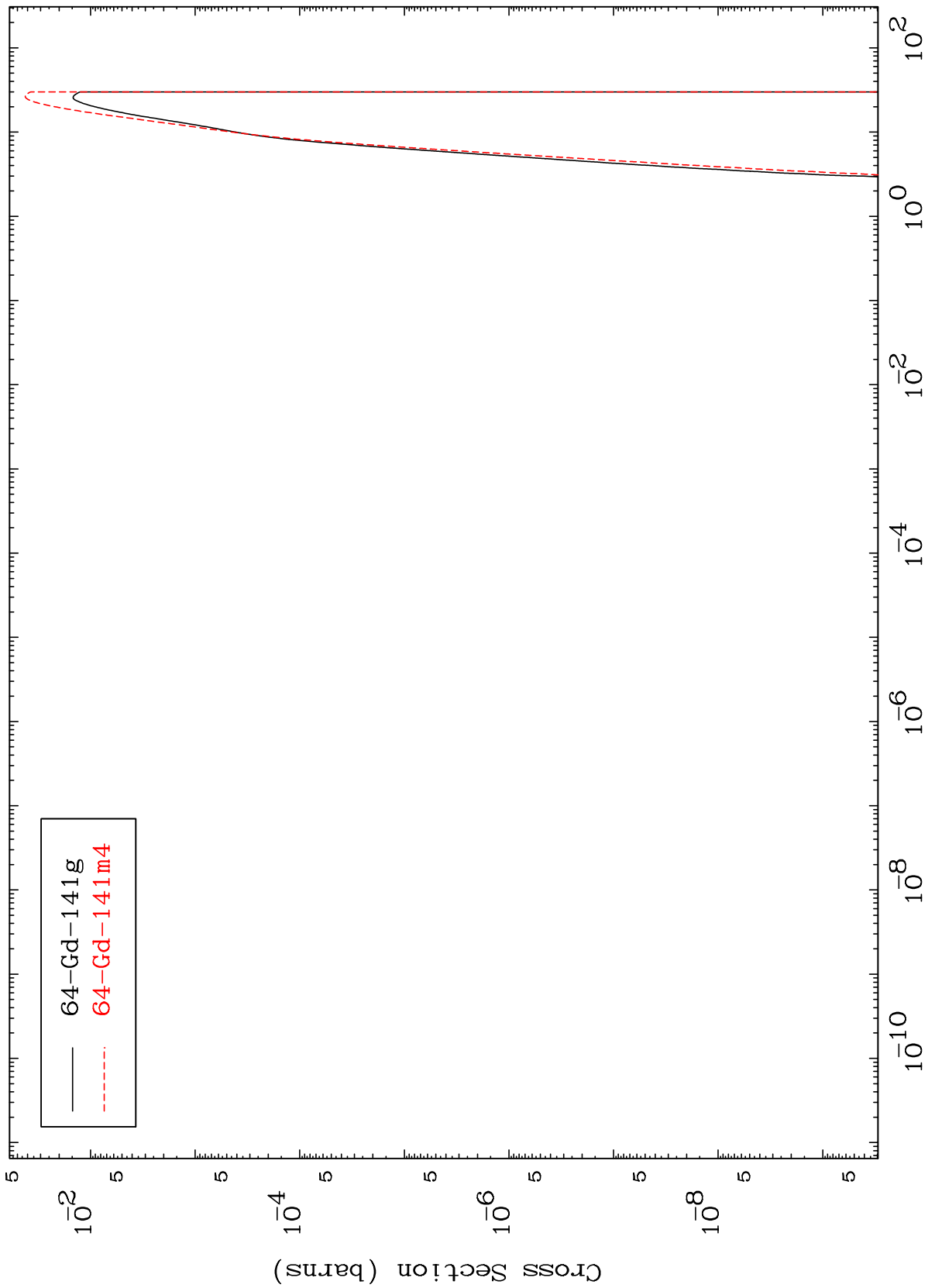
66-Dy-145

MAT 6593

(n, n') α

66-Dy-145

Radionuclide Production Cross Section

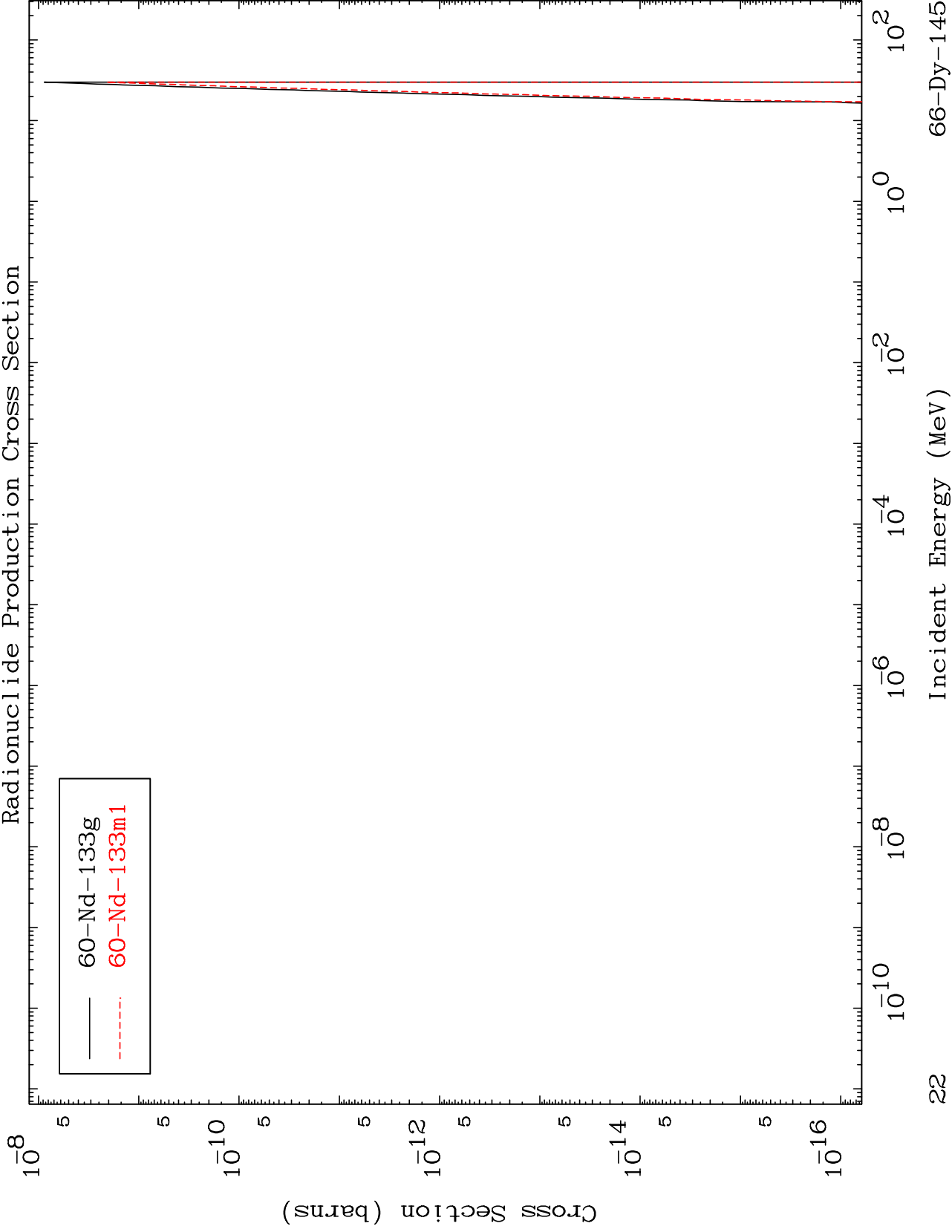


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(n,n') 3 α

66-Dy-145

Radionuclide Production Cross Section

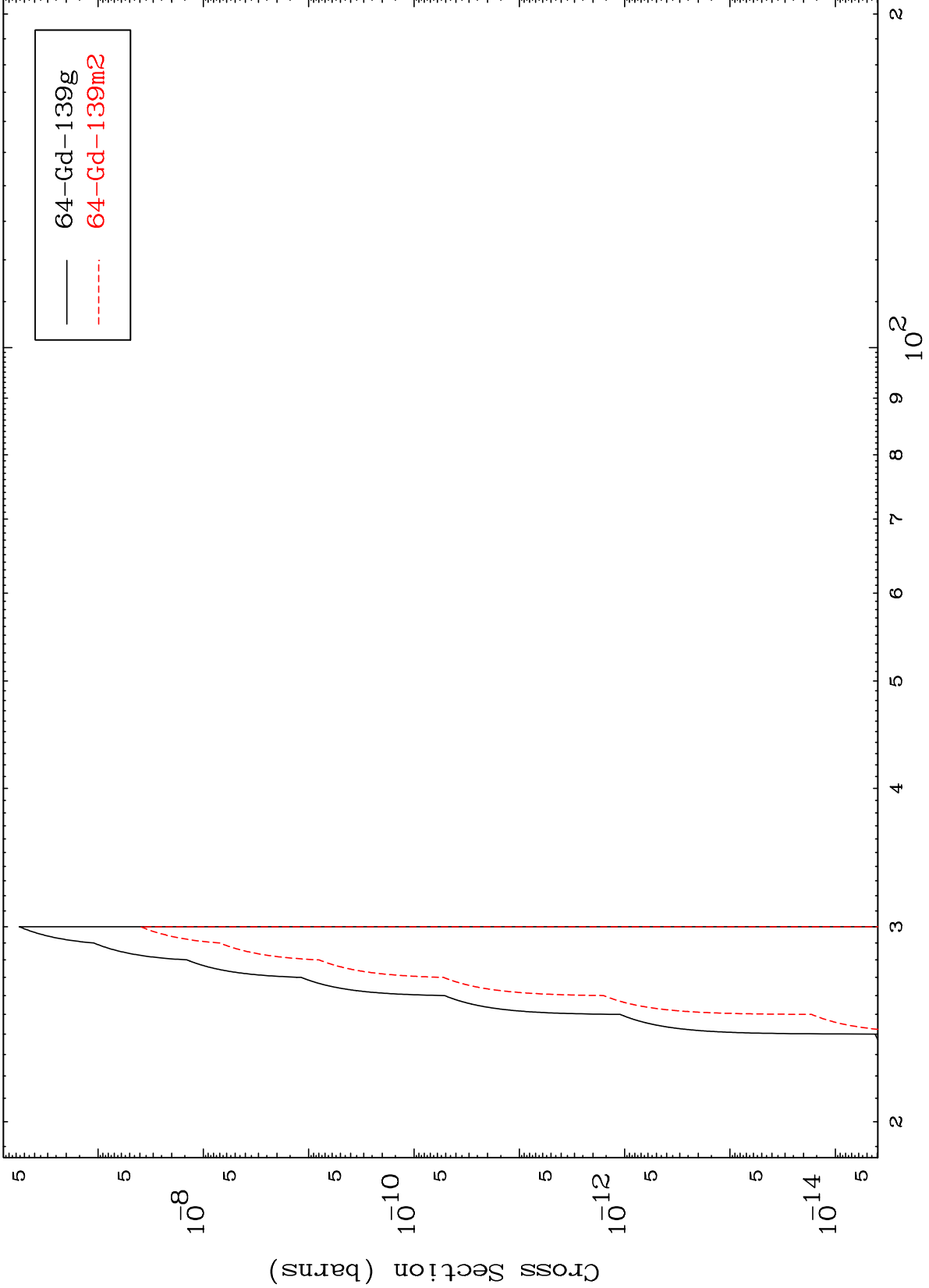


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(n,3n) α

66-Dy-145

Radionuclide Production Cross Section



23

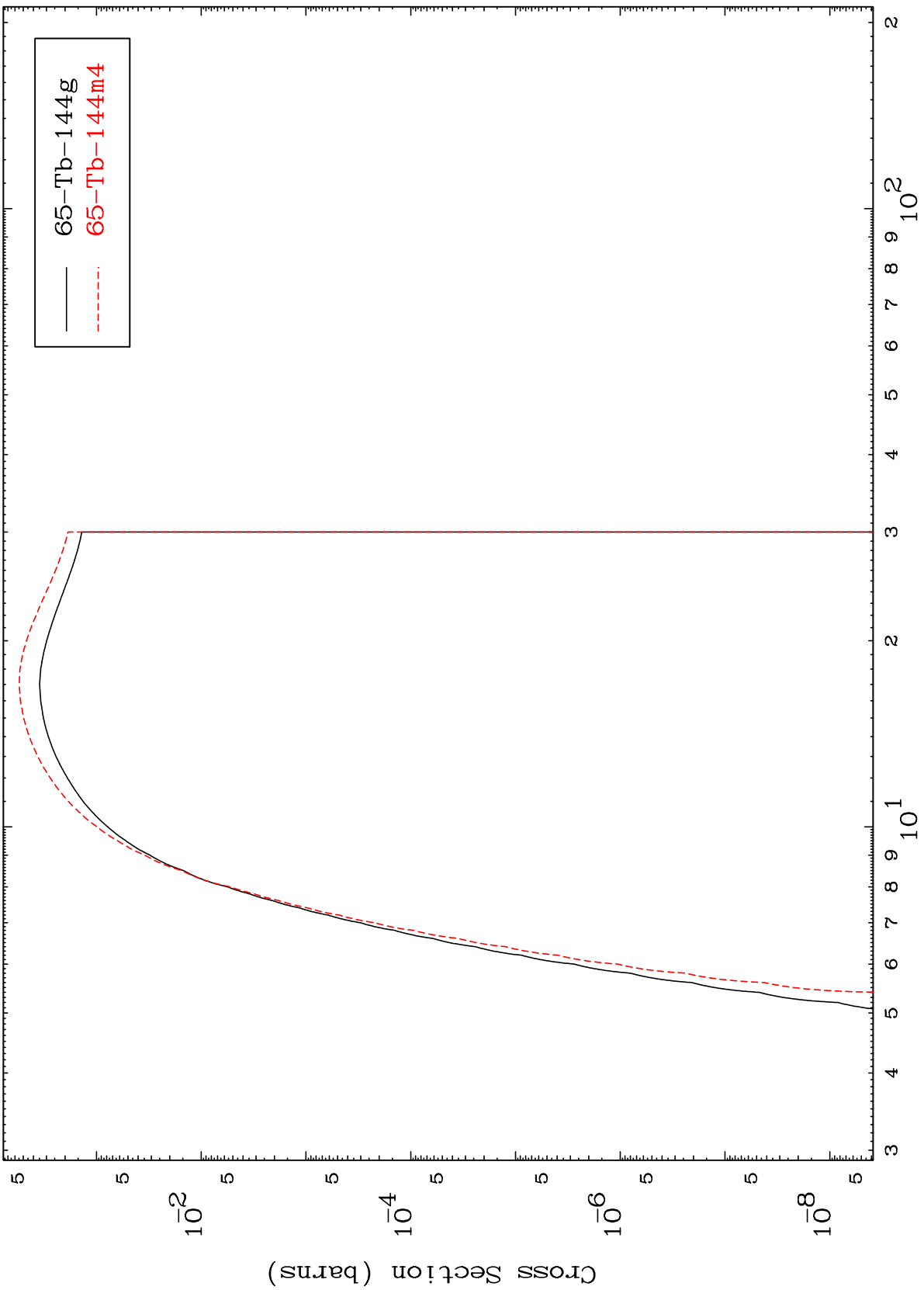
Incident Energy (MeV)

66-Dy-145

MAT 6593

66-Dy-145

(n, n') p
Radionuclide Production Cross Section



24

Incident Energy (MeV)

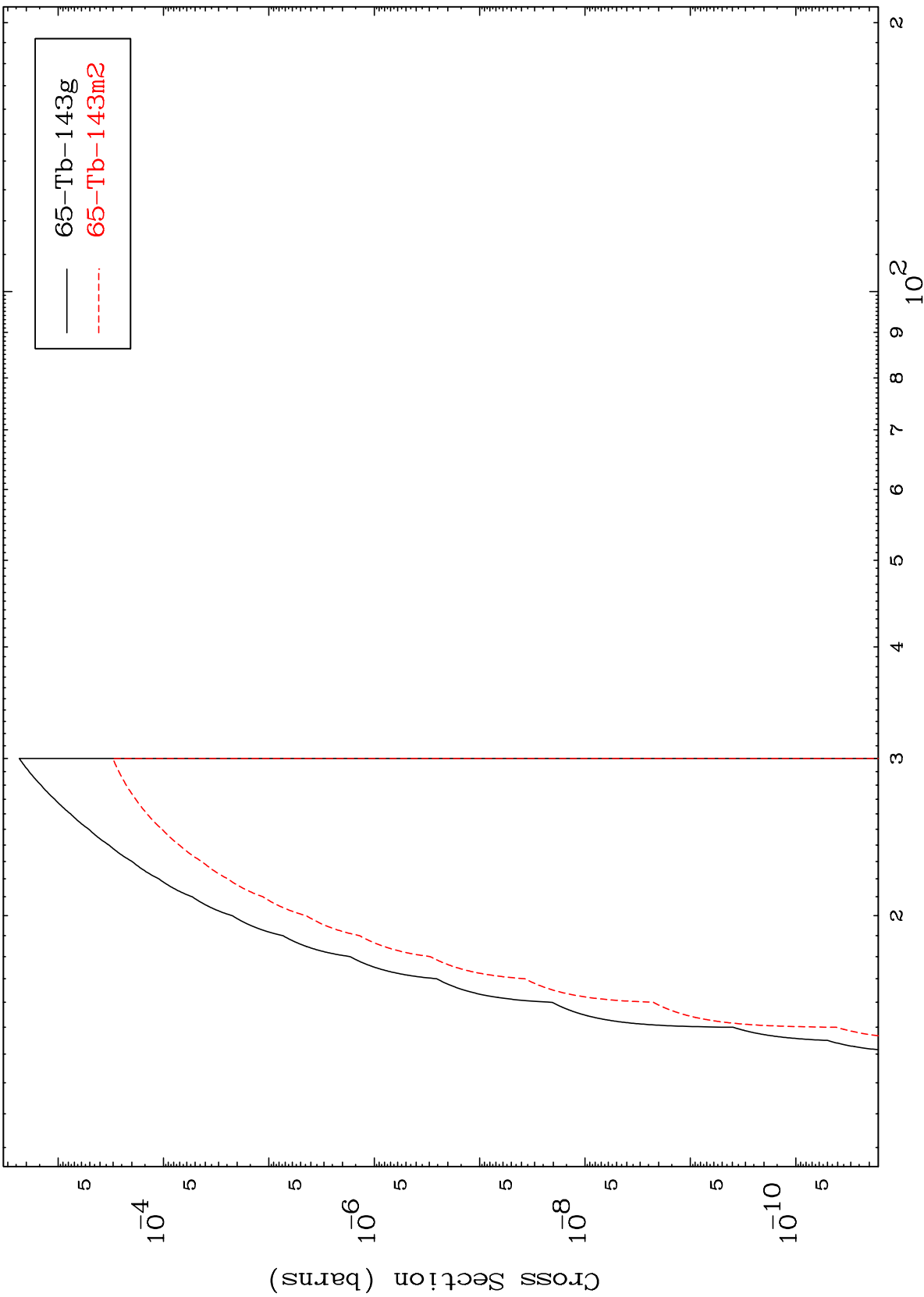
66-Dy-145

MAT 6593

(n,n') d

66-Dy-145

Radionuclide Production Cross Section



25

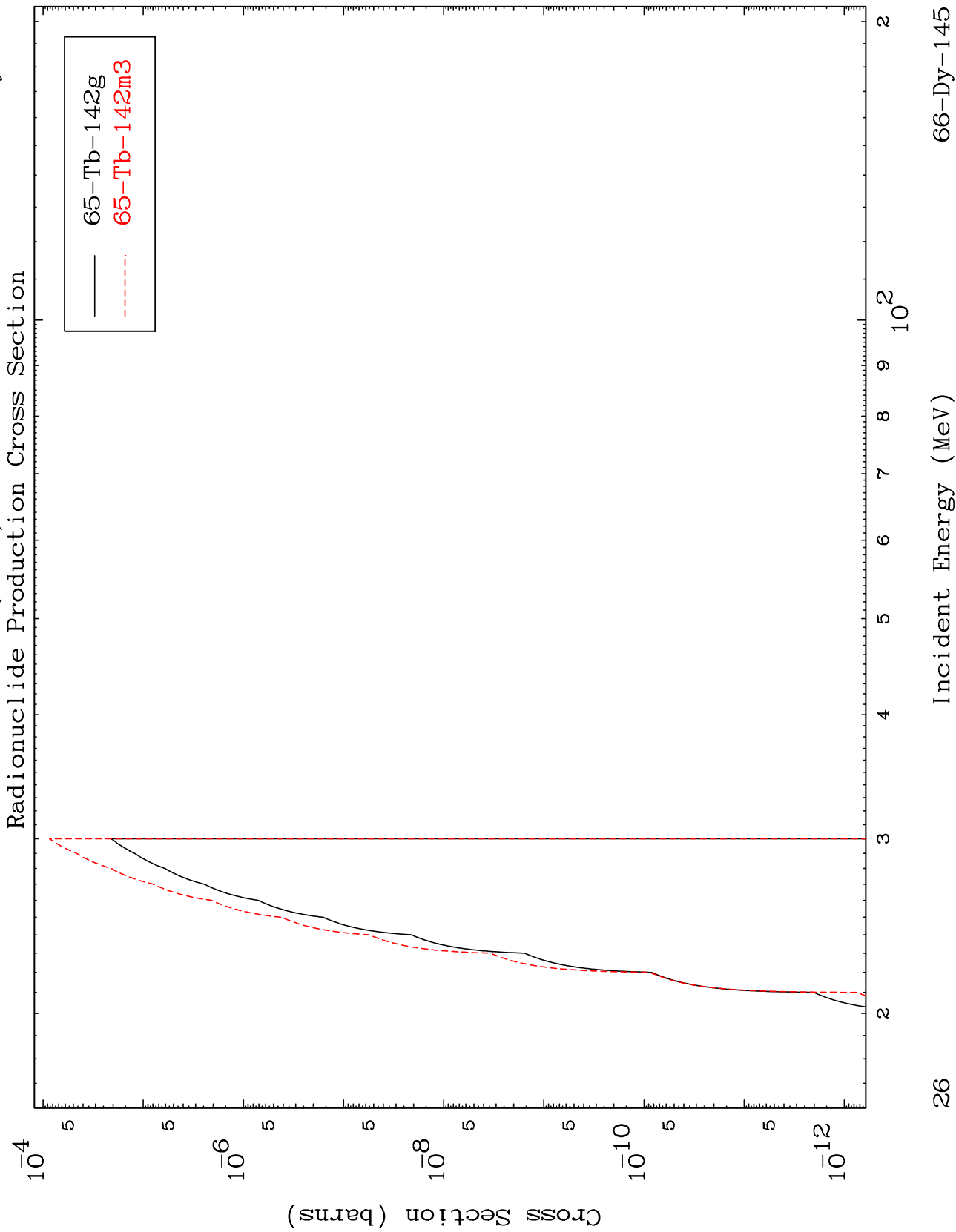
Incident Energy (MeV)

66-Dy-145

MAT 6593

(n,n') t

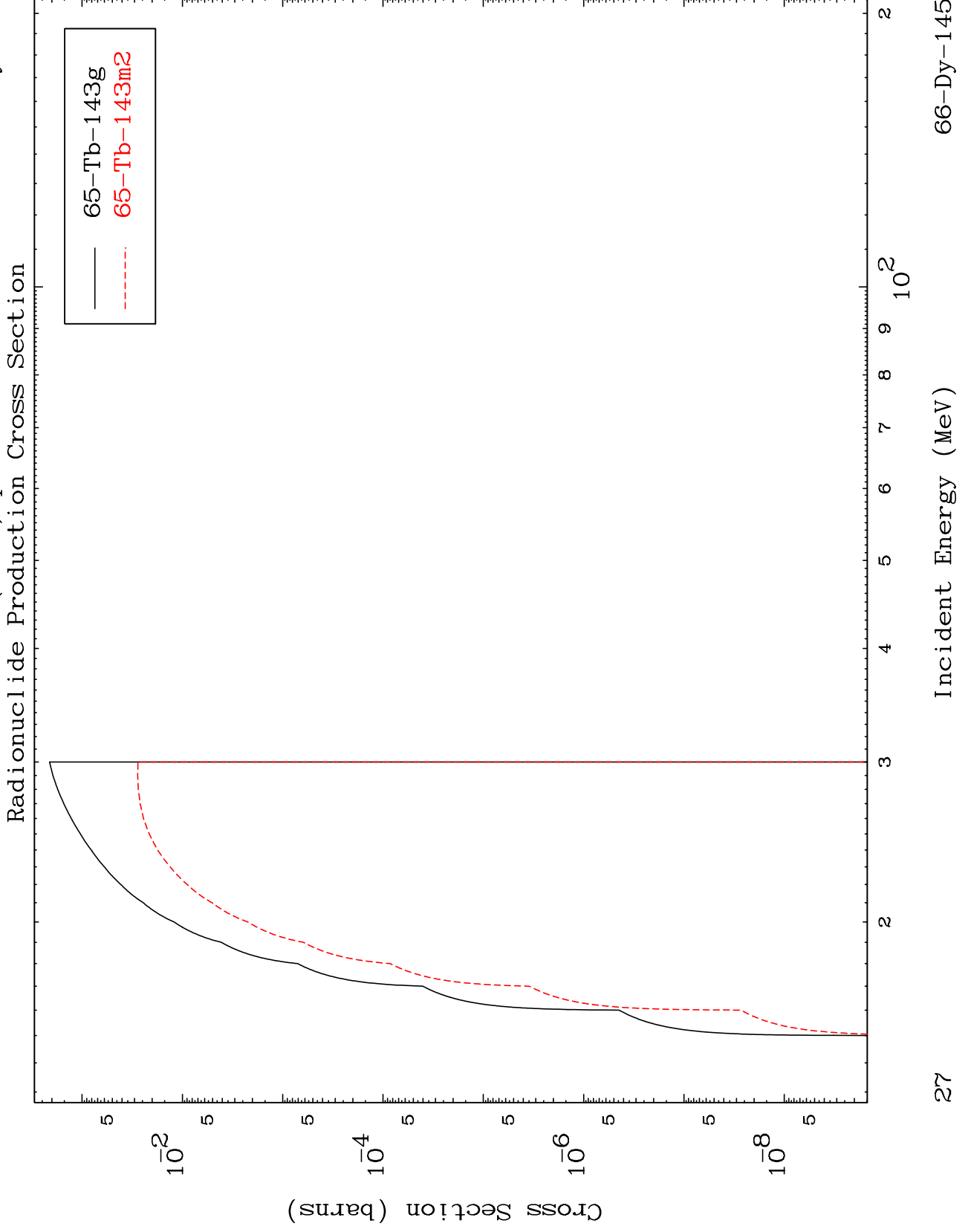
66-Dy-145



26

Incident Energy (MeV)

66-Dy-145

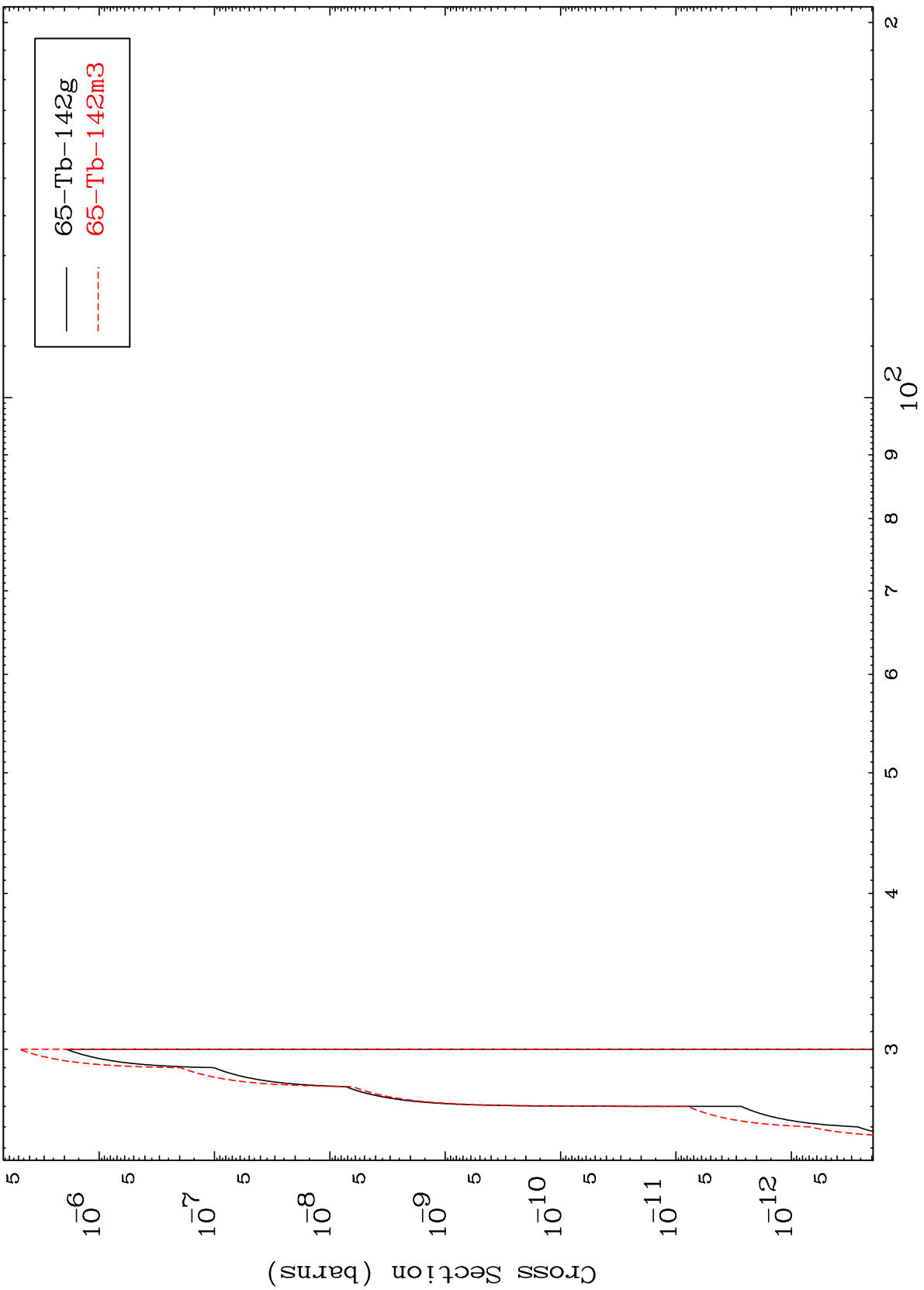


MAT 6593

(n,3n) p

66-Dy-145

Radionuclide Production Cross Section



28

Incident Energy (MeV)

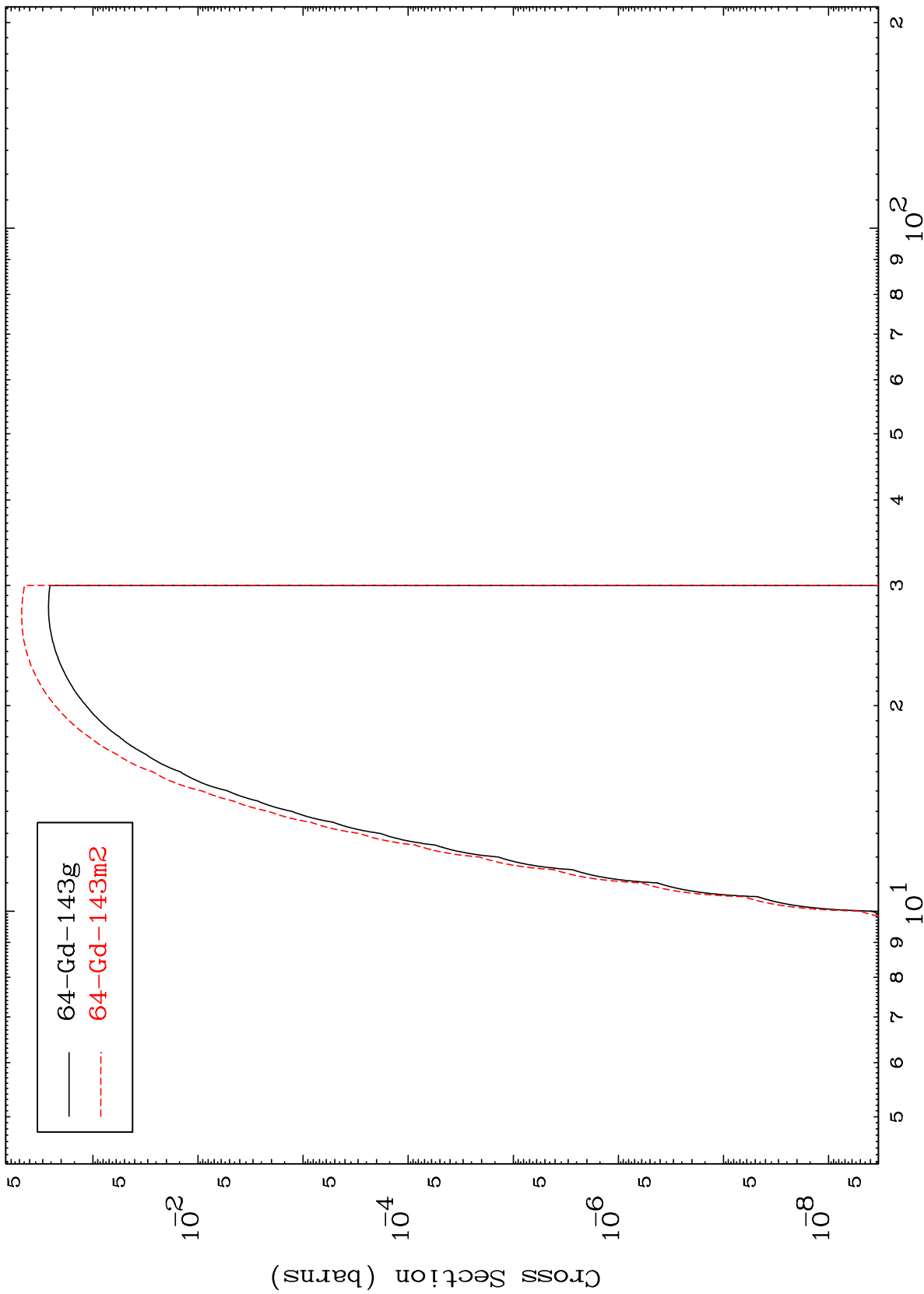
66-Dy-145

MAT 6593

(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



29

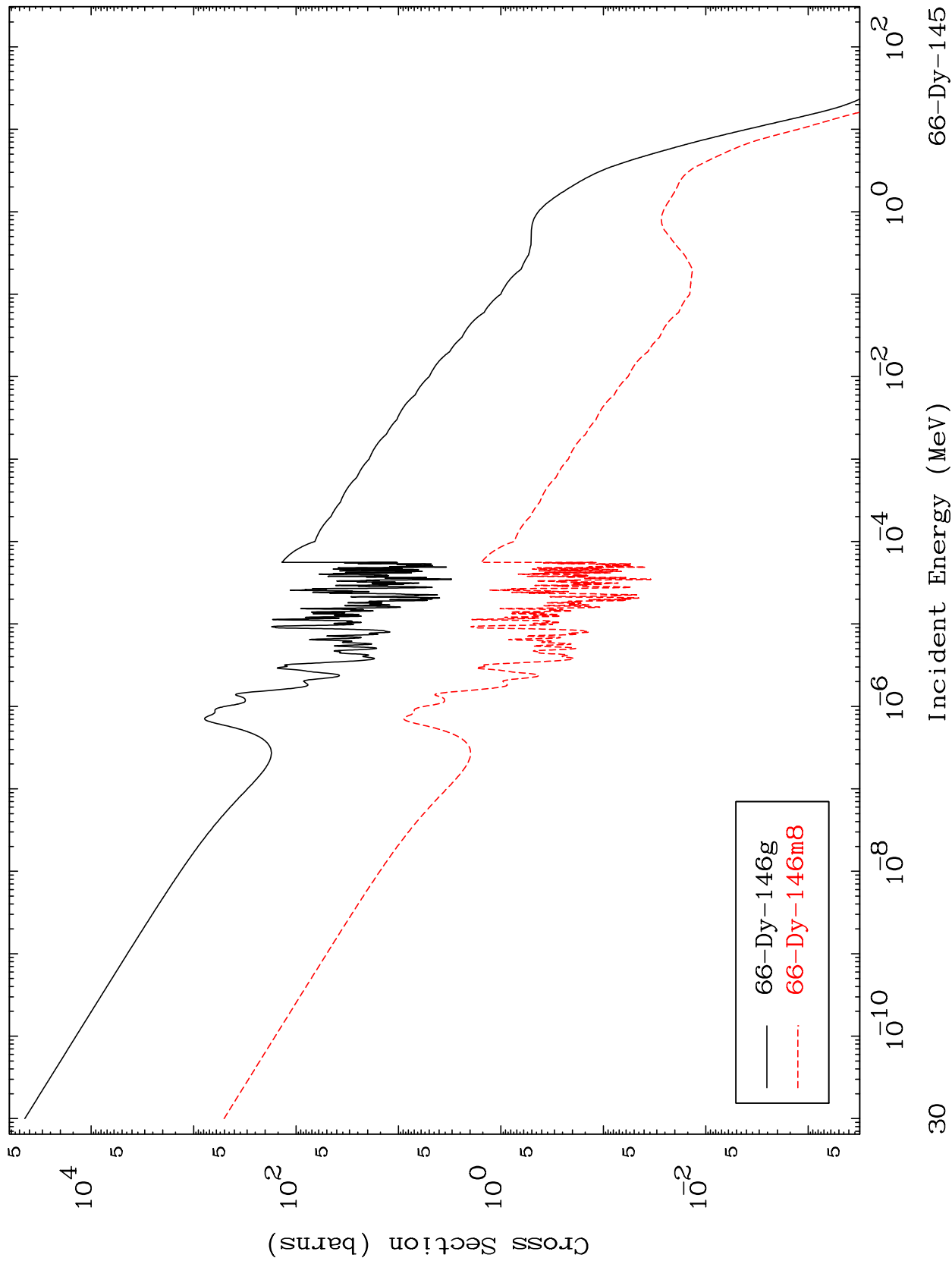
Incident Energy (MeV)

66-Dy-145

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66-Dy-145

(n, γ)
Radionuclide Production Cross Section

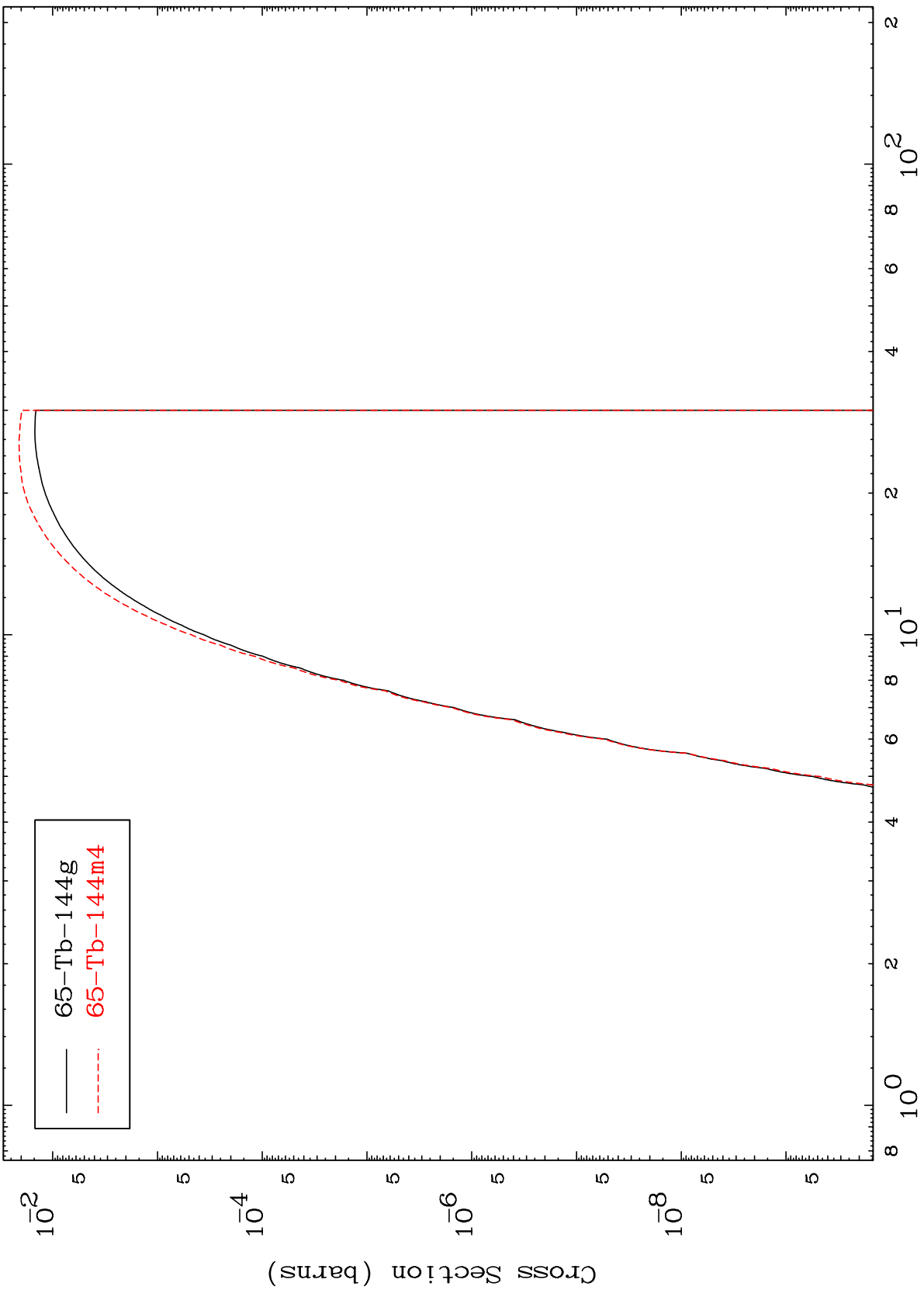


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(n,d)

66-Dy-145

Radionuclide Production Cross Section



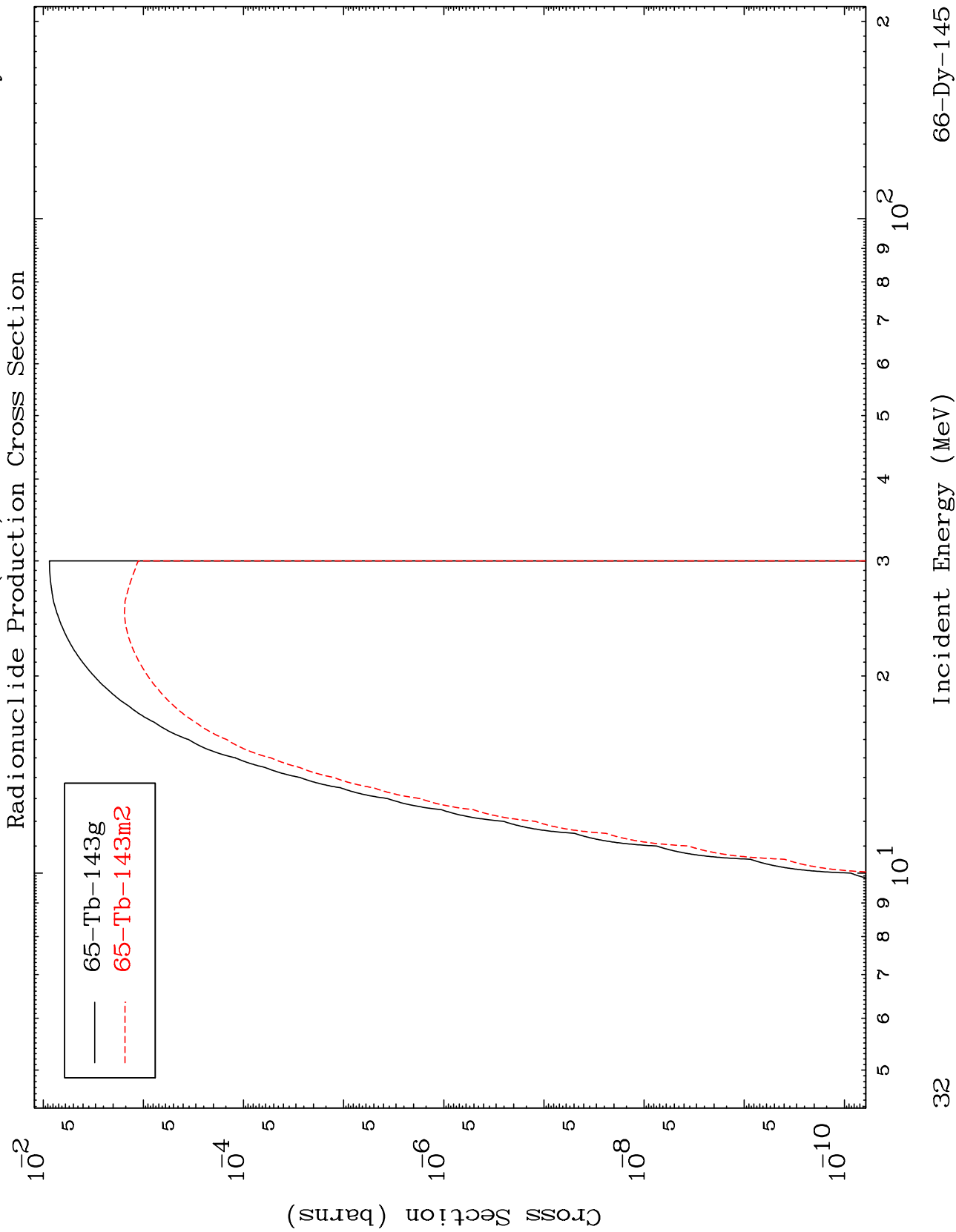
31

Incident Energy (MeV)

66-Dy-145

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66-Dy-145



32

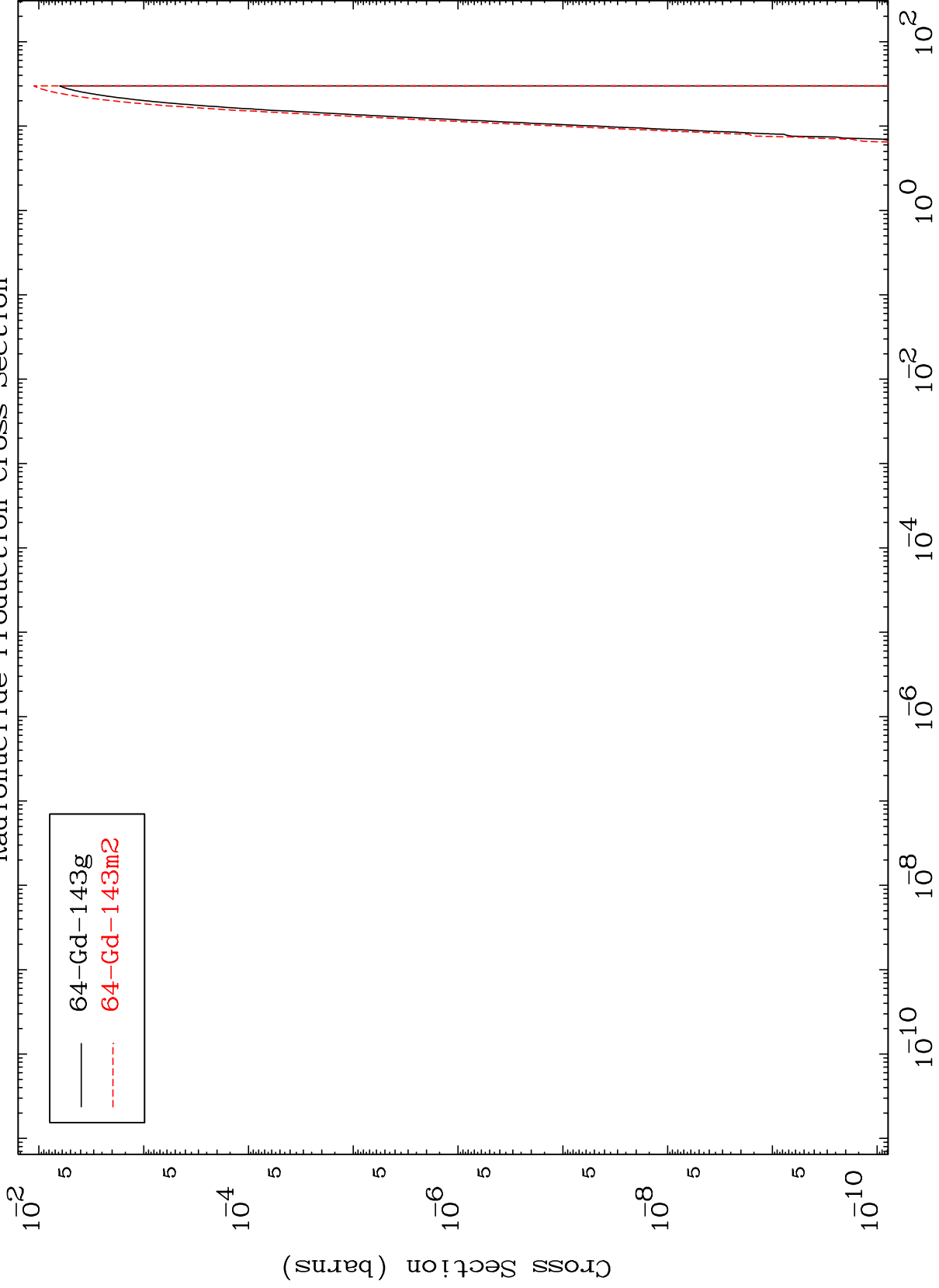
66-Dy-145

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(n,He-3)

66-Dy-145

Radionuclide Production Cross Section

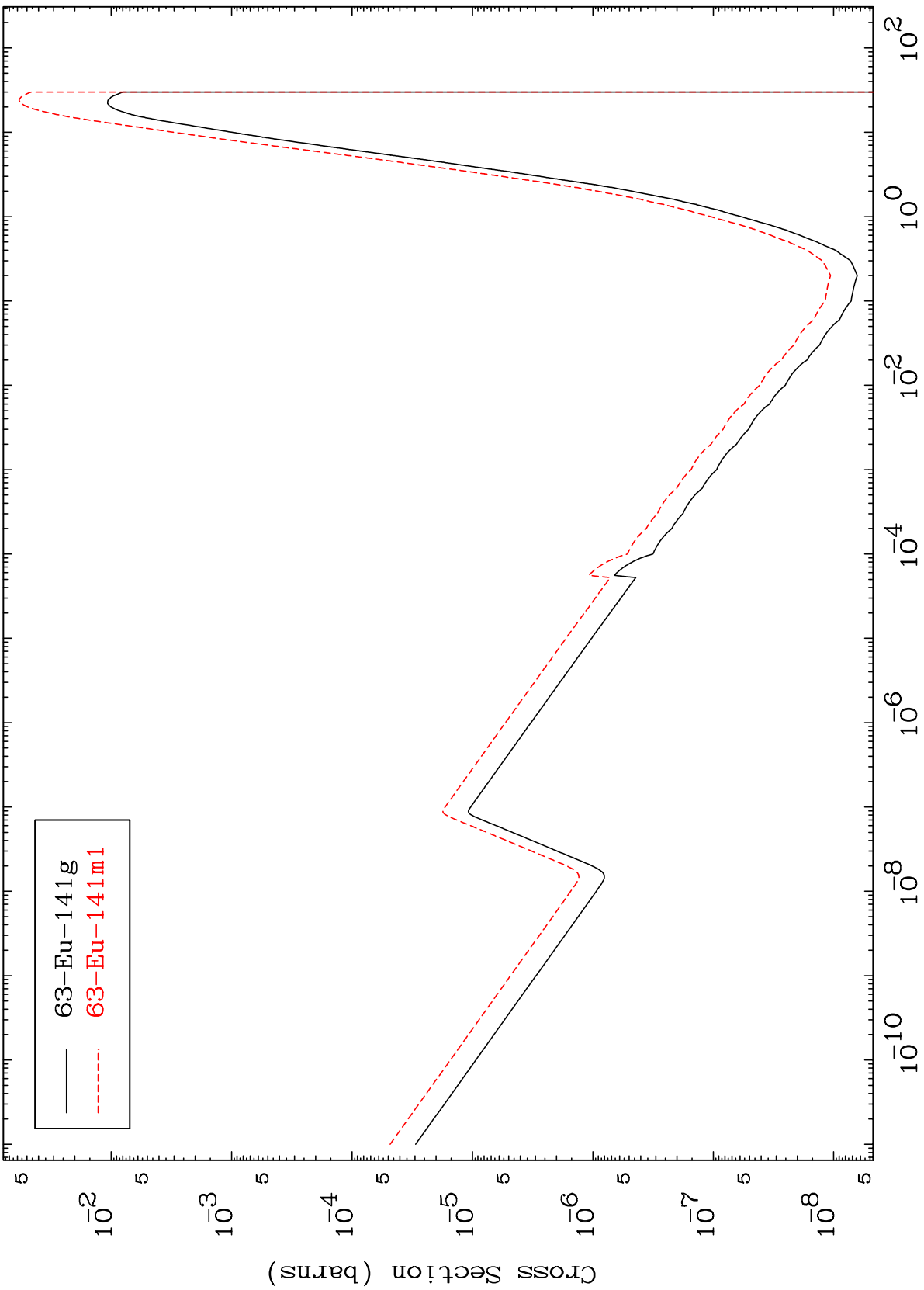


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(n,p) α

66-Dy-145

Radionuclide Production Cross Section



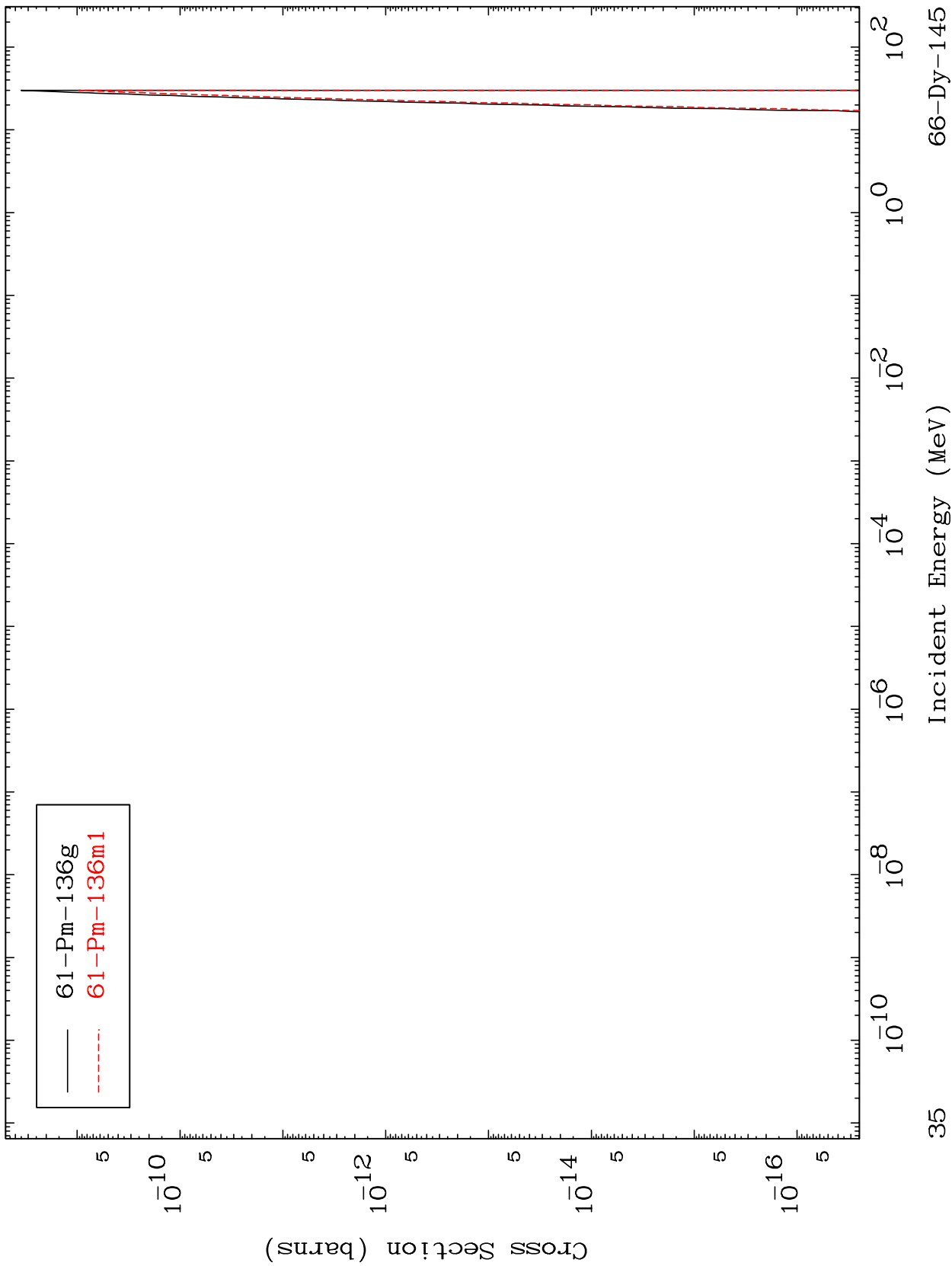
63-Eu-141g
63-Eu-141m1

MAT 6593

(n,d) 2α

66-Dy-145

Radionuclide Production Cross Section



35

Incident Energy (MeV)

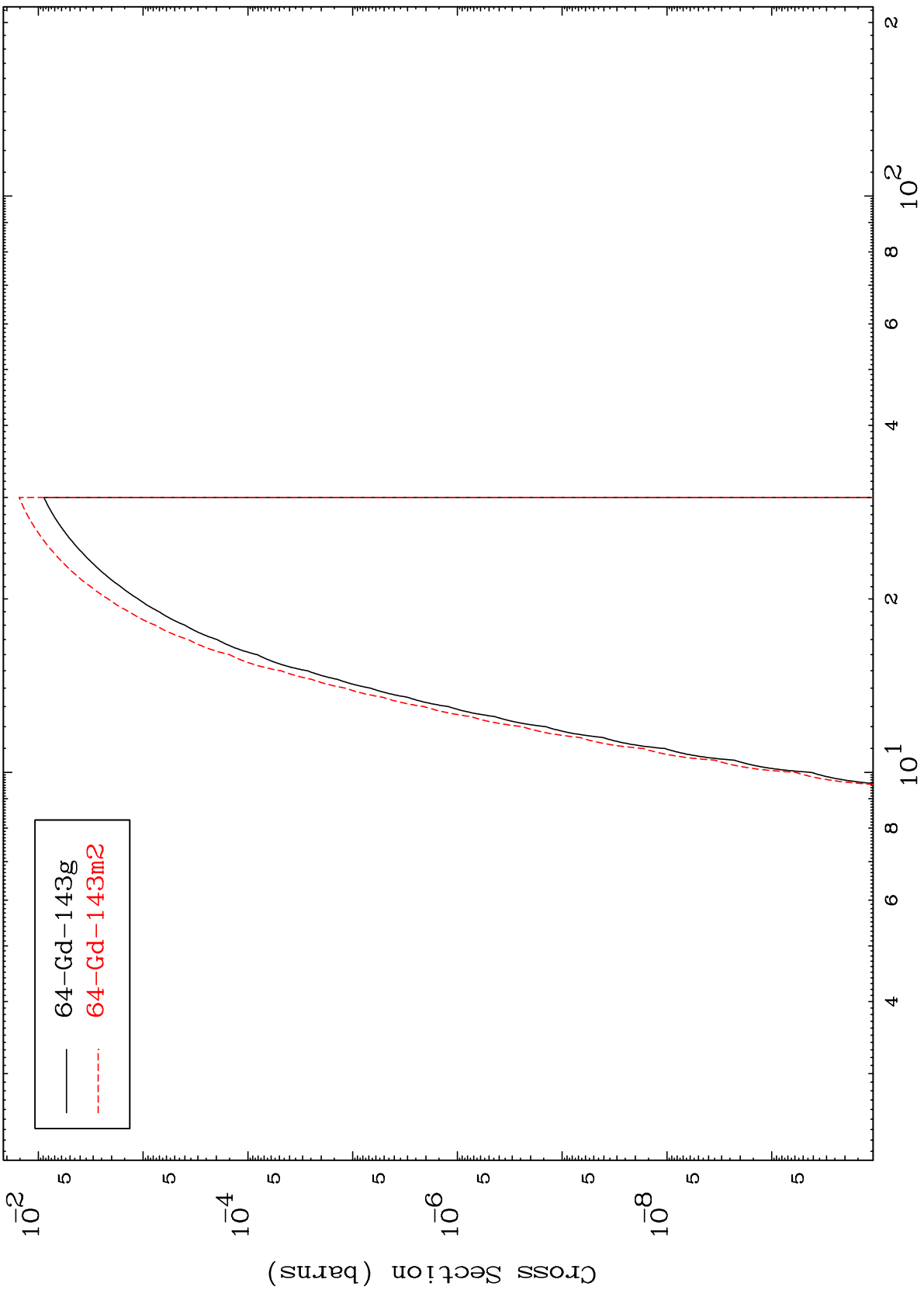
66-Dy-145

MAT 6593

(n,p) d

⁶⁶Dy-145

Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

36

Incident Energy (MeV)

⁶⁶Dy-145