

Program EVALPLOT
(Version 2015-2)

by

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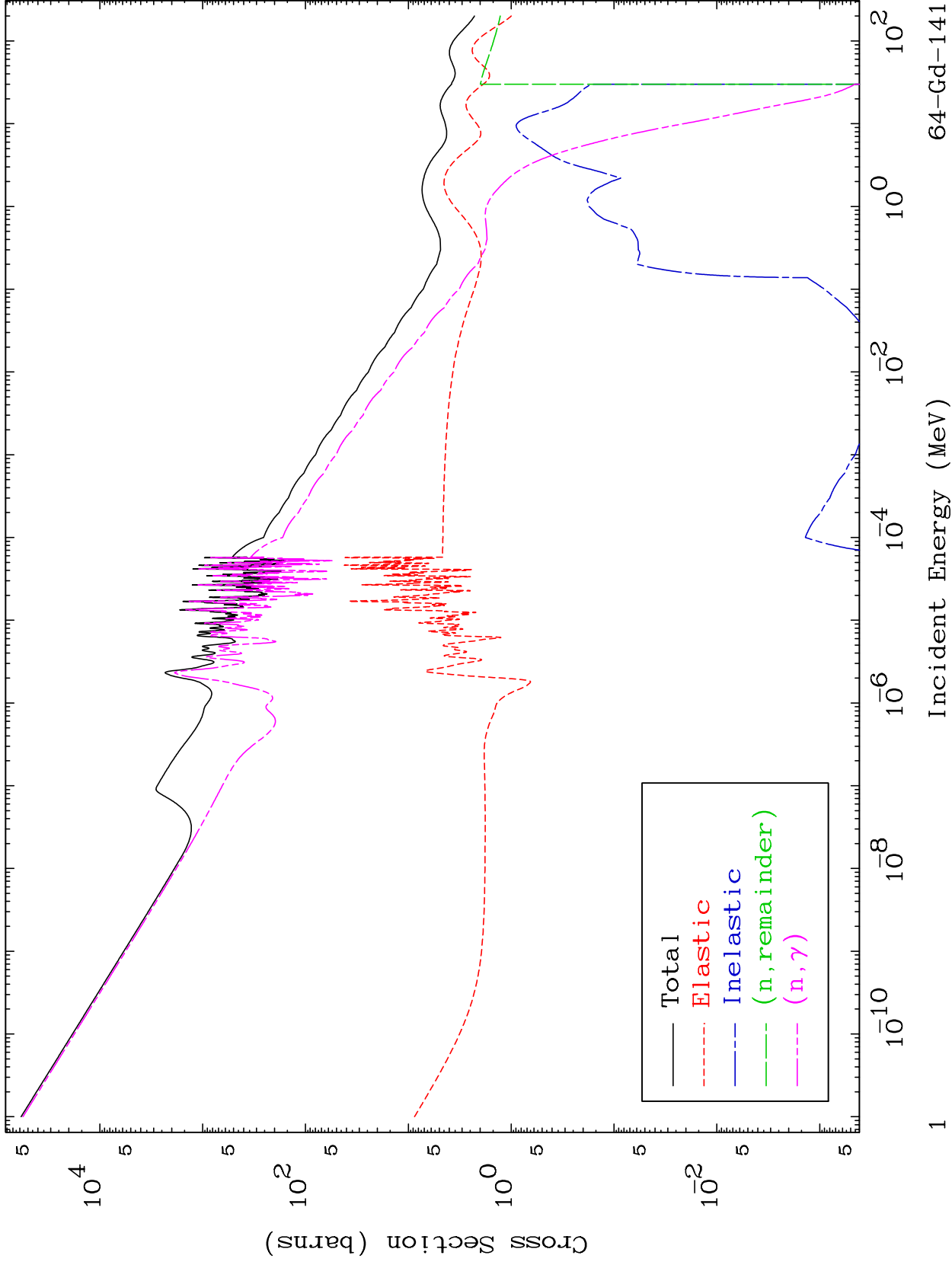
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6393

Major
293 Kelvin Cross Sections

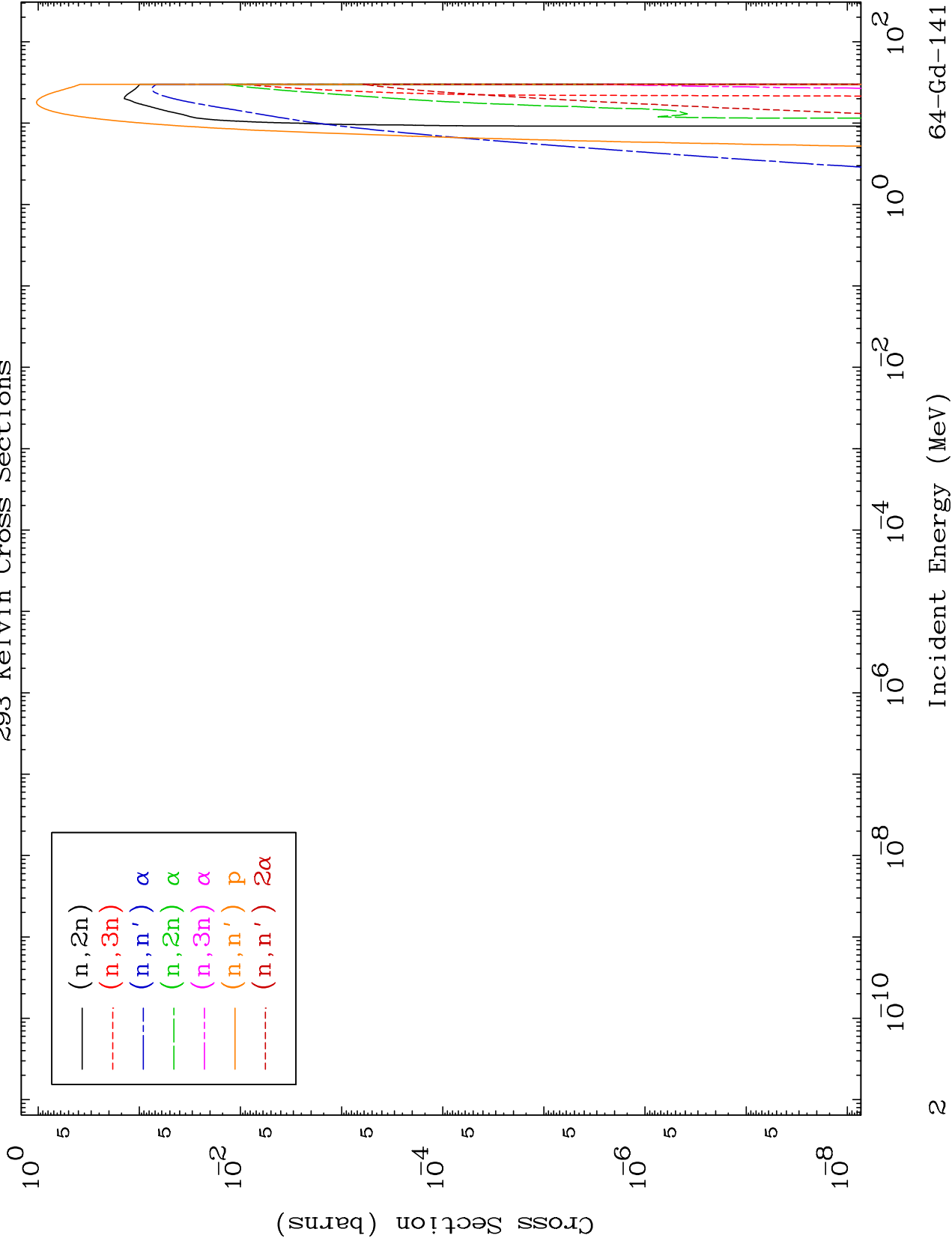
64-Gd-141

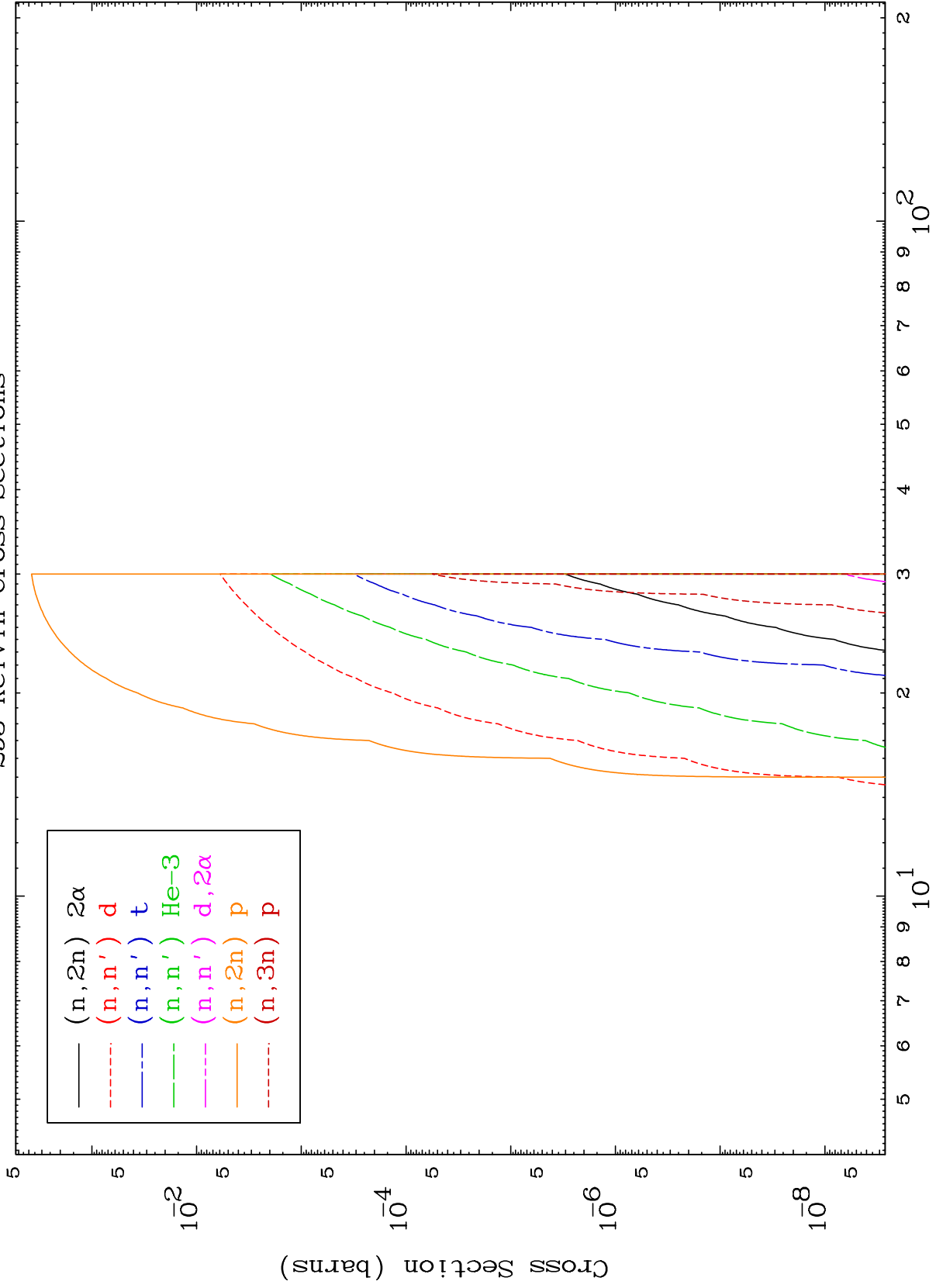


MAT 6393

Neutron Production
293 Kelvin Cross Sections

64-Gd-141

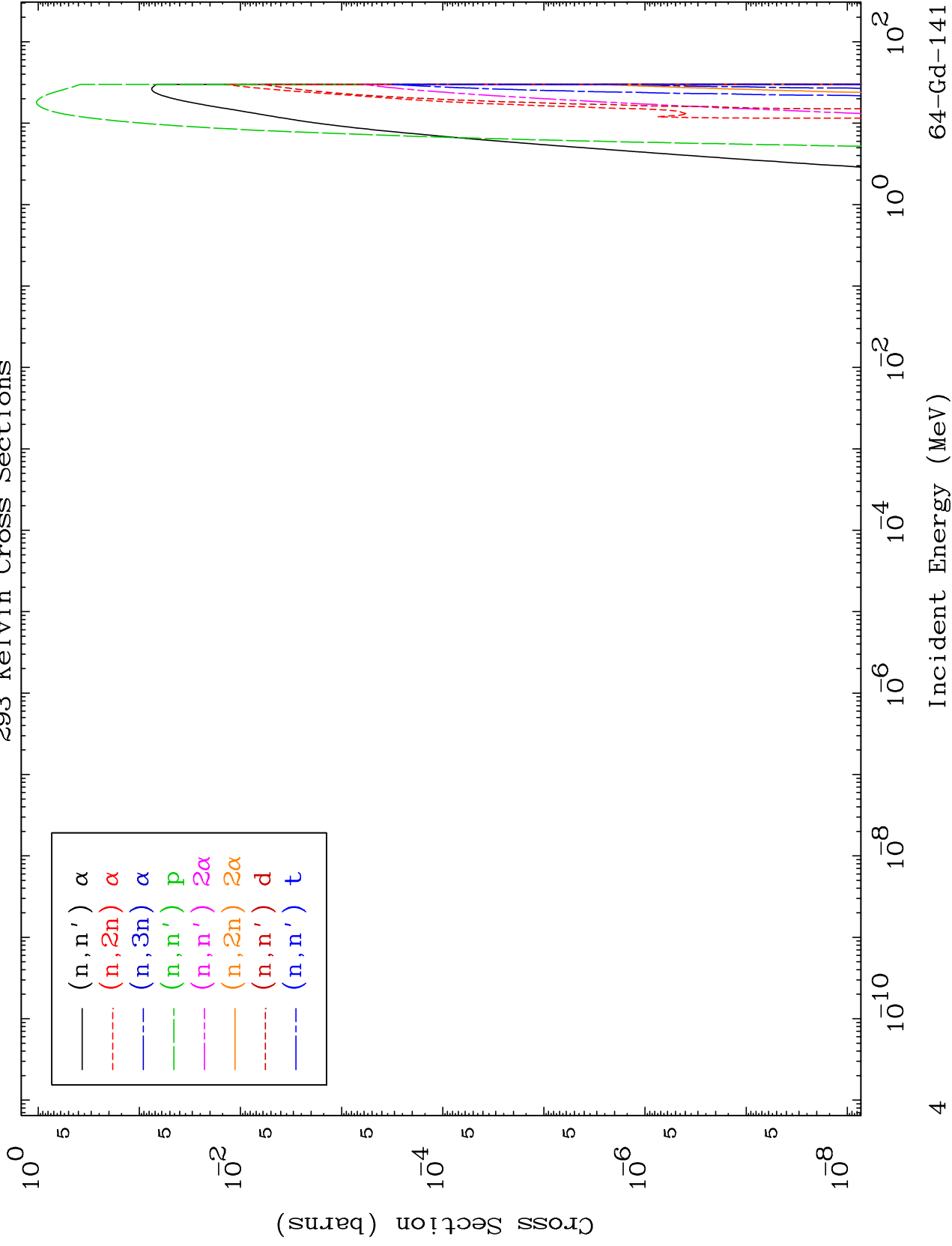




MAT 6393

Charged Particle
293 Kelvin Cross Sections

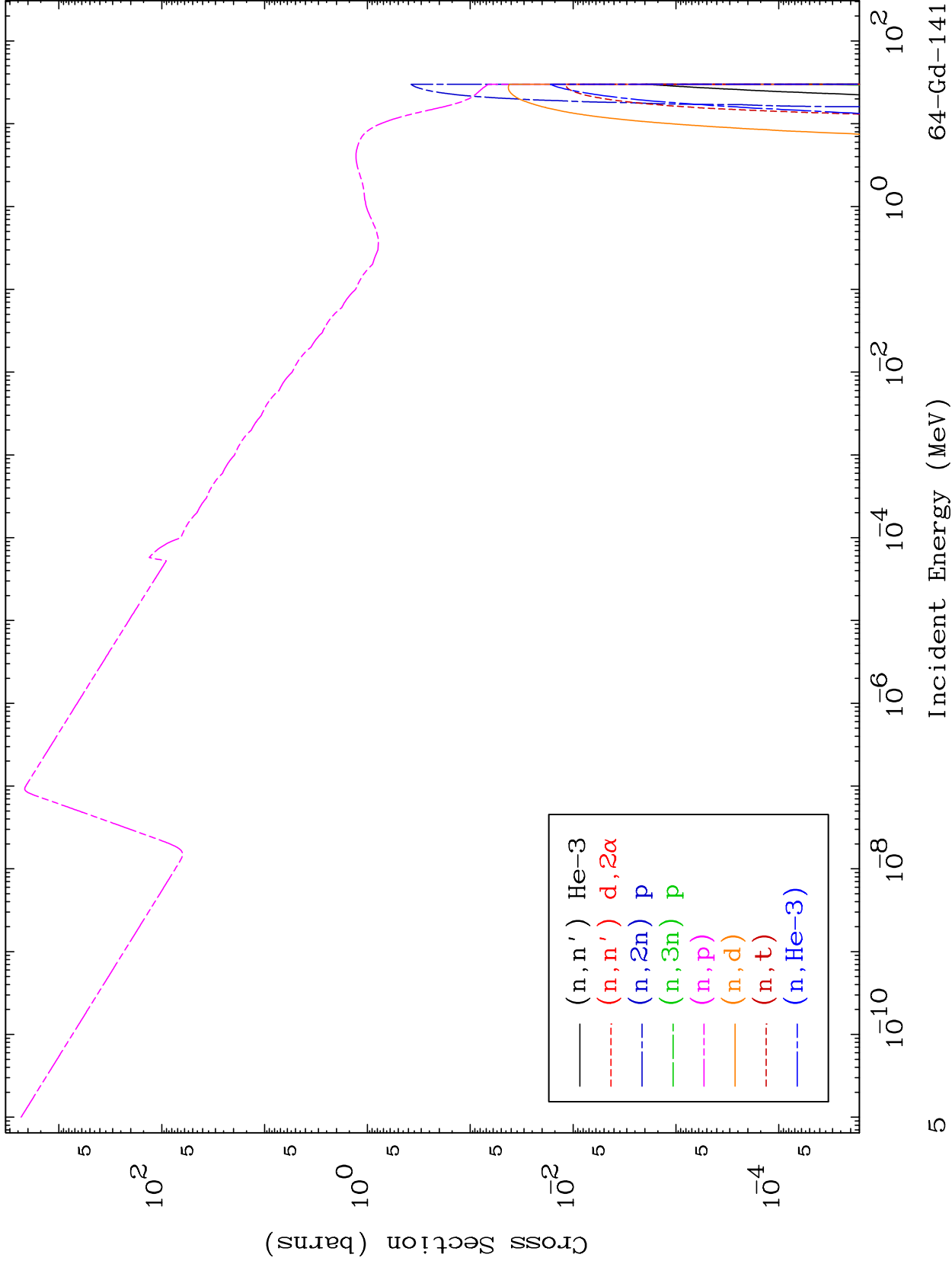
64-Gd-141



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Charged Particle
293 Kelvin Cross Sections

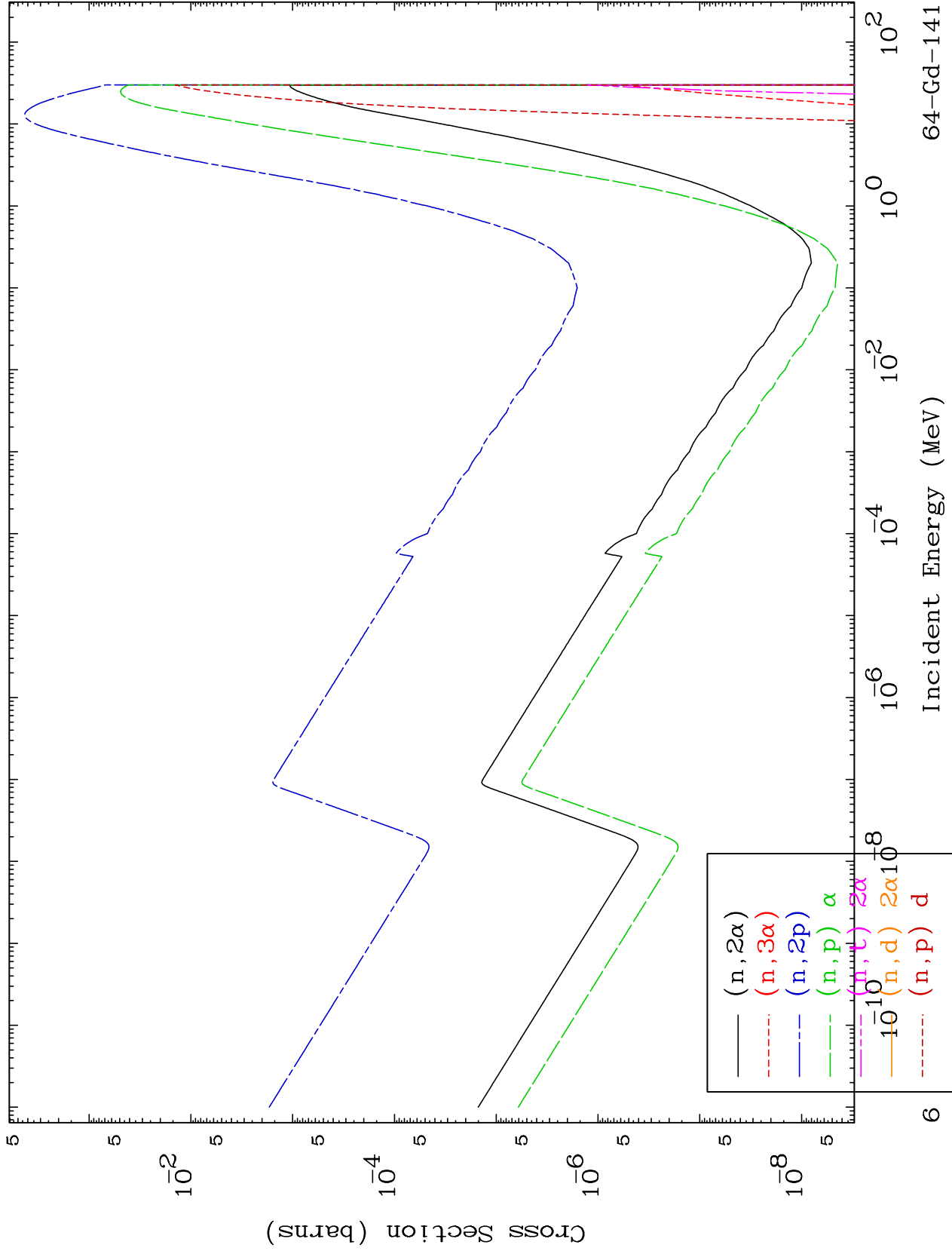
64-Gd-141



MAT 6393

Charged Particle
293 Kelvin Cross Sections

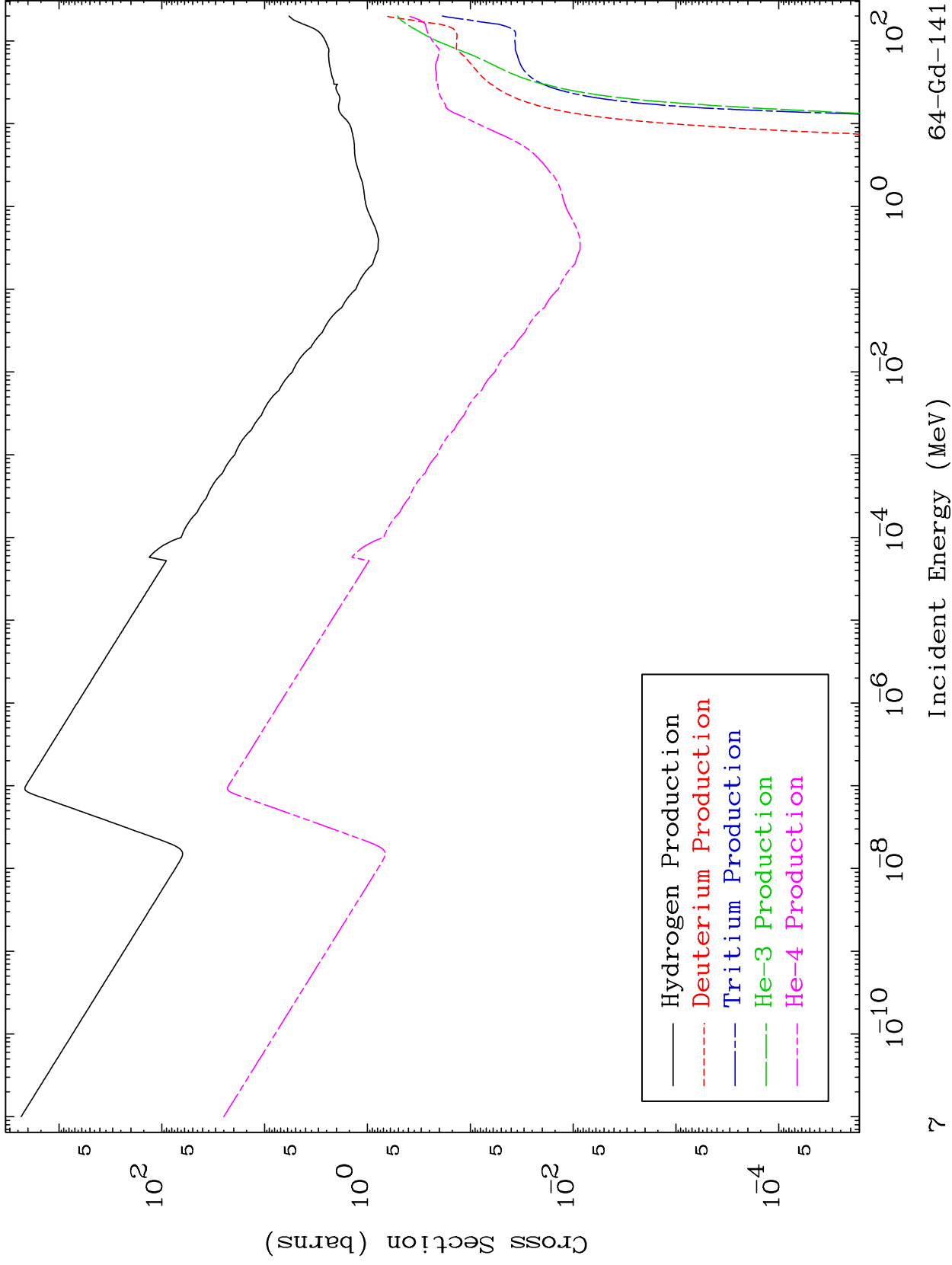
64-Gd-141



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Particle Production
293 Kelvin Cross Sections

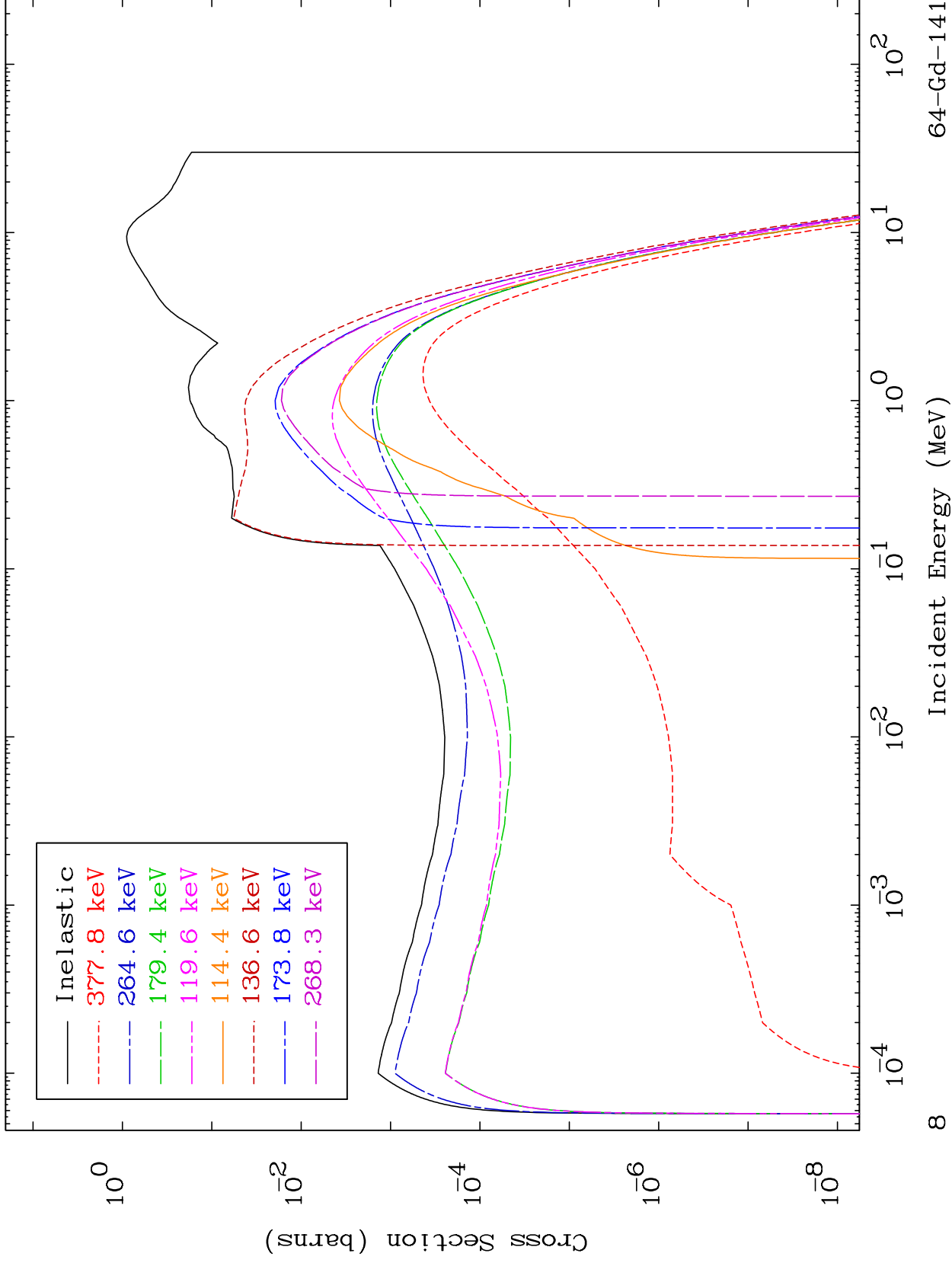
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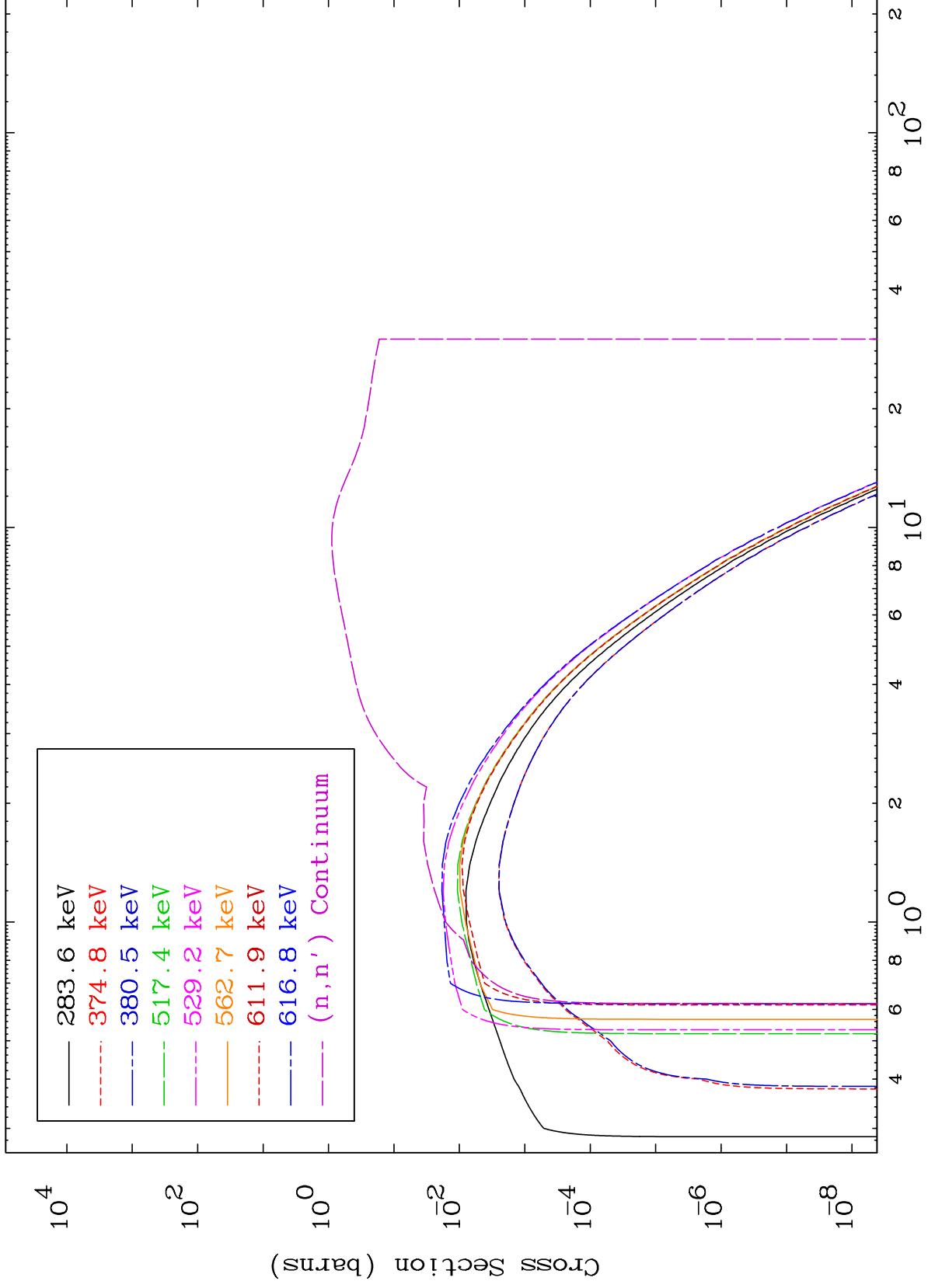


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(n,n') Level
293 Kelvin Cross Sections

64-Gd-141

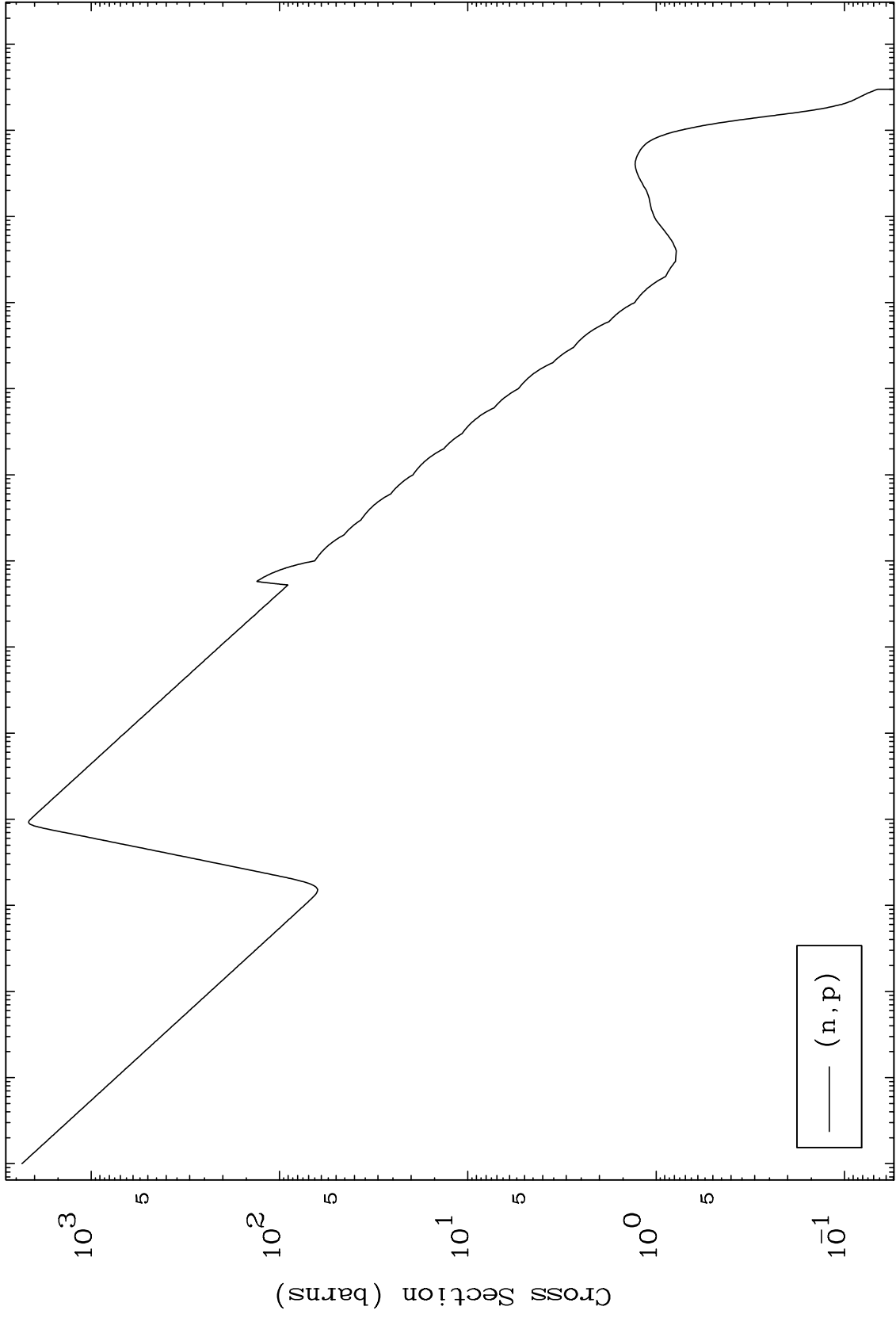




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(n,p) Levels
293 Kelvin Cross Sections

64-Gd-141



(n,p)

10

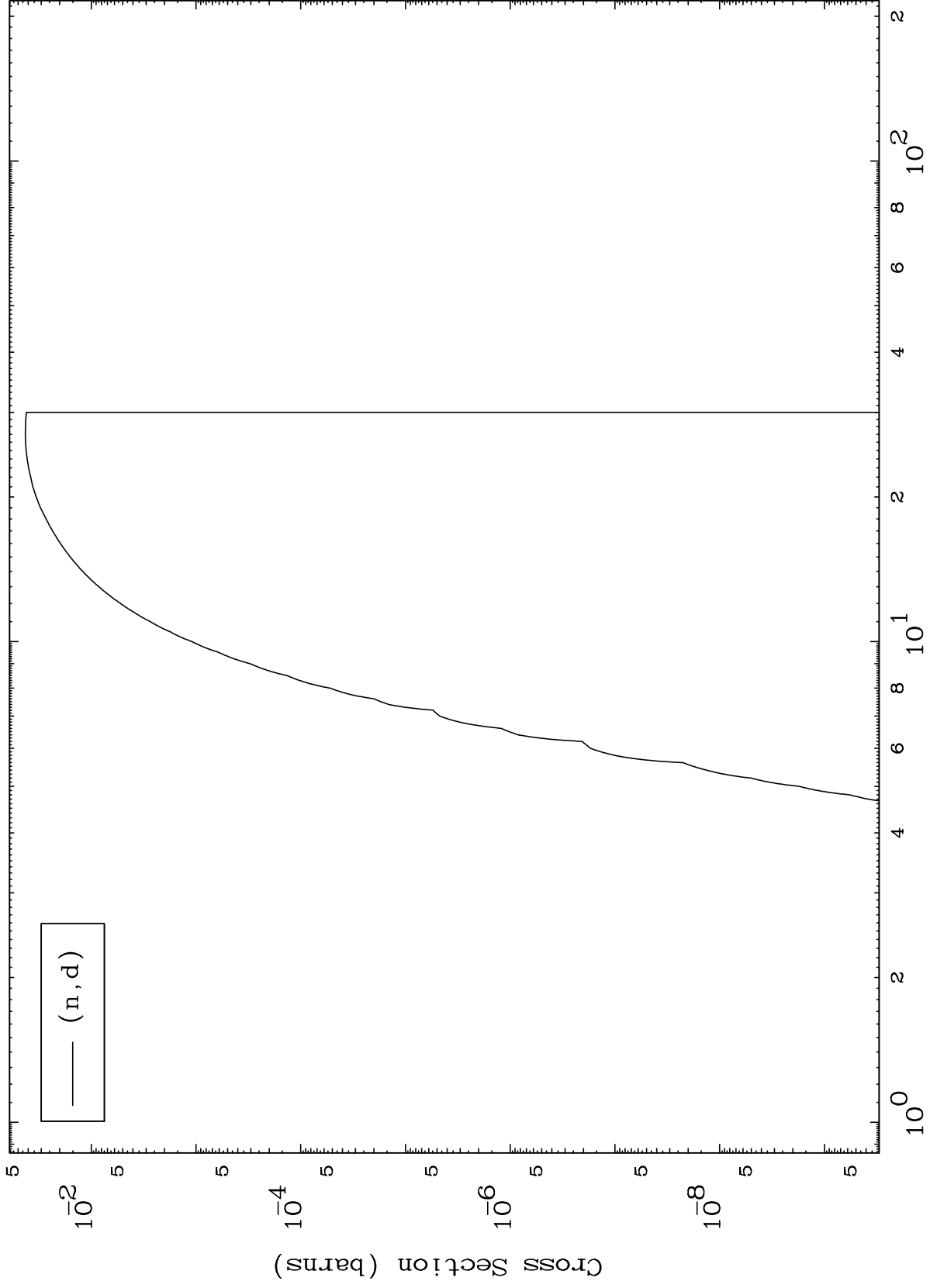
Incident Energy (MeV)

64-Gd-141

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(n,d) Levels
293 Kelvin Cross Sections

64-Gd-141



11

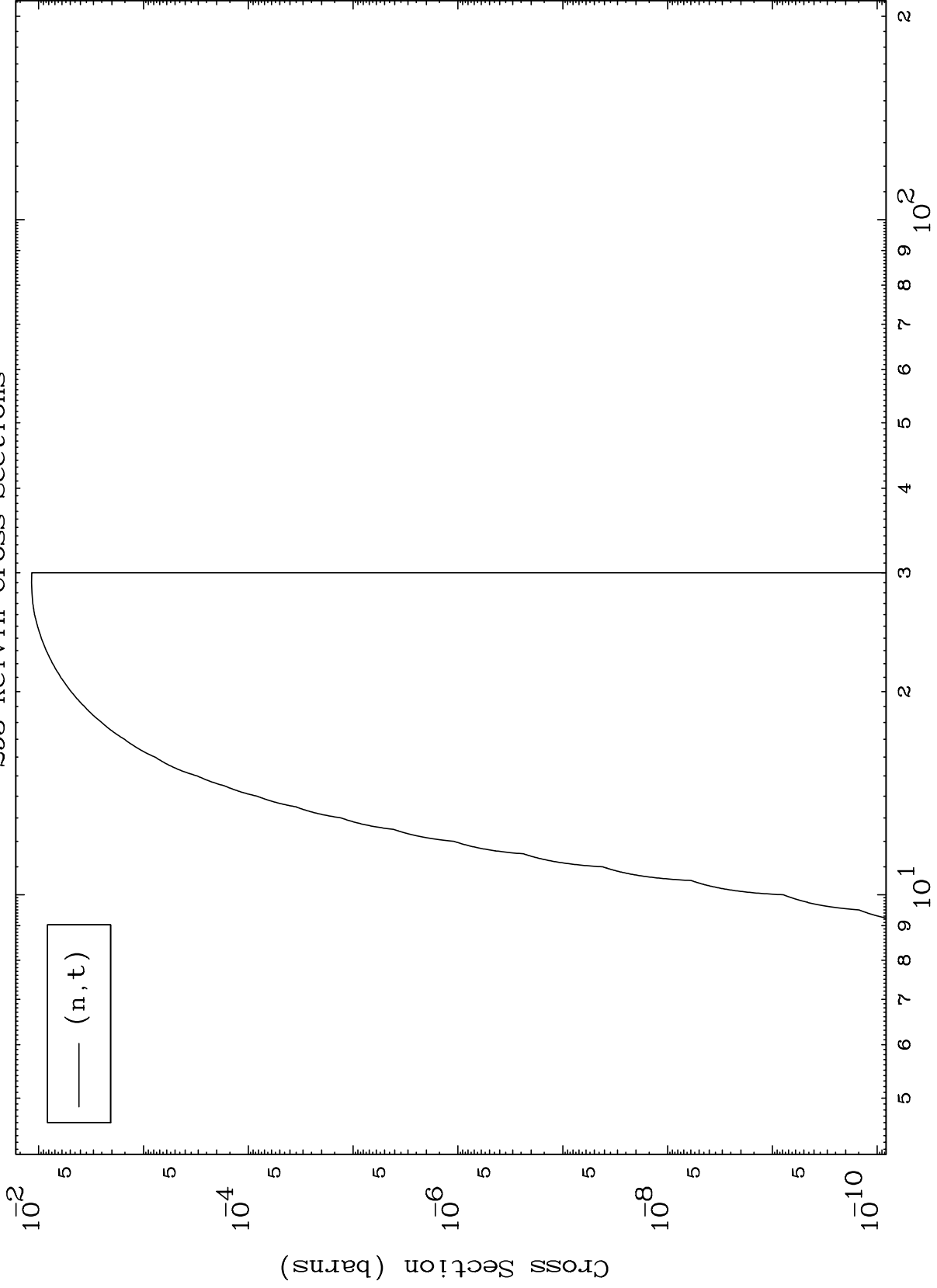
Incident Energy (MeV)

64-Gd-141

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(n,t) Levels
293 Kelvin Cross Sections

64-Gd-141



12

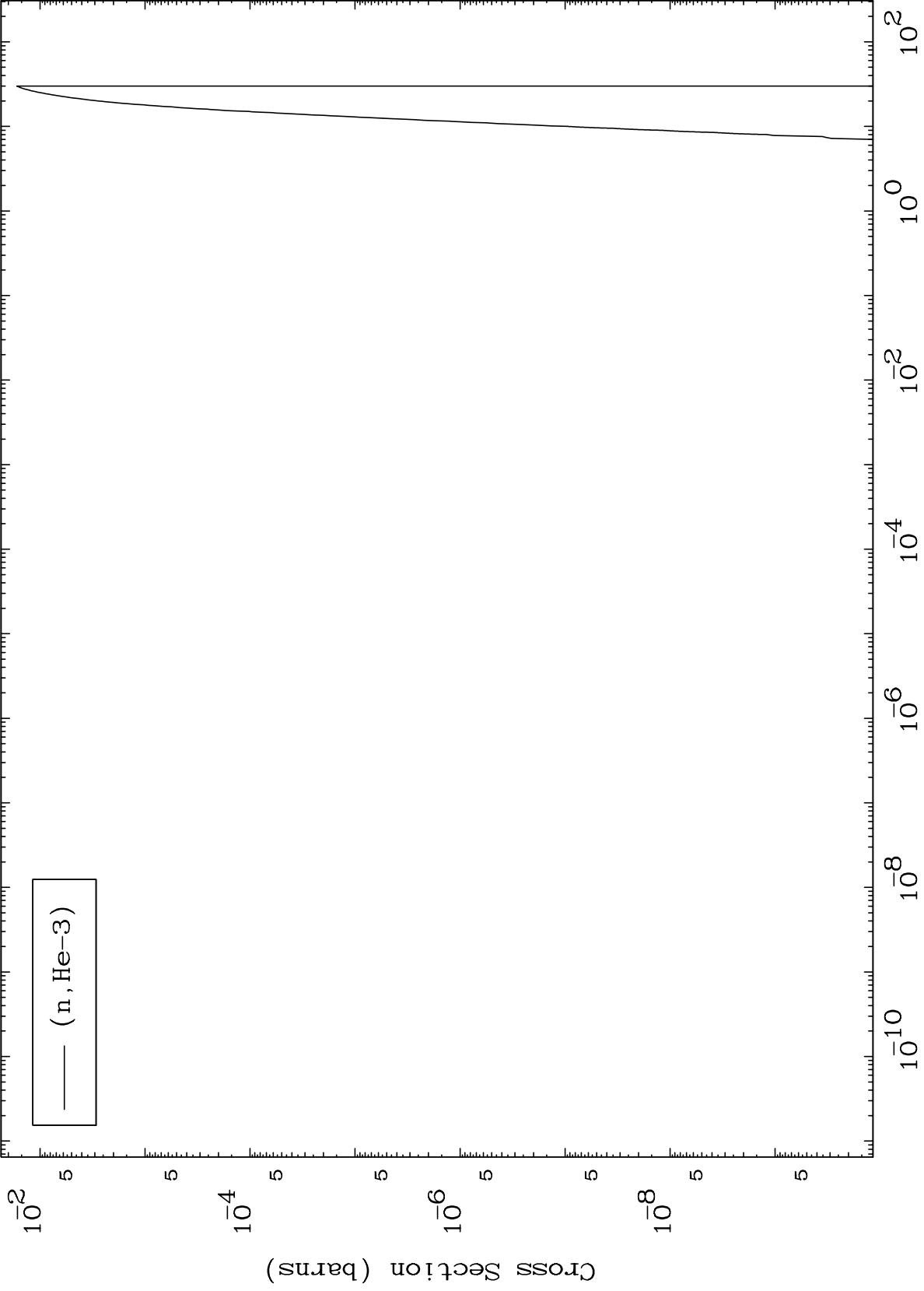
Incident Energy (MeV)

64-Gd-141

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(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-141



13

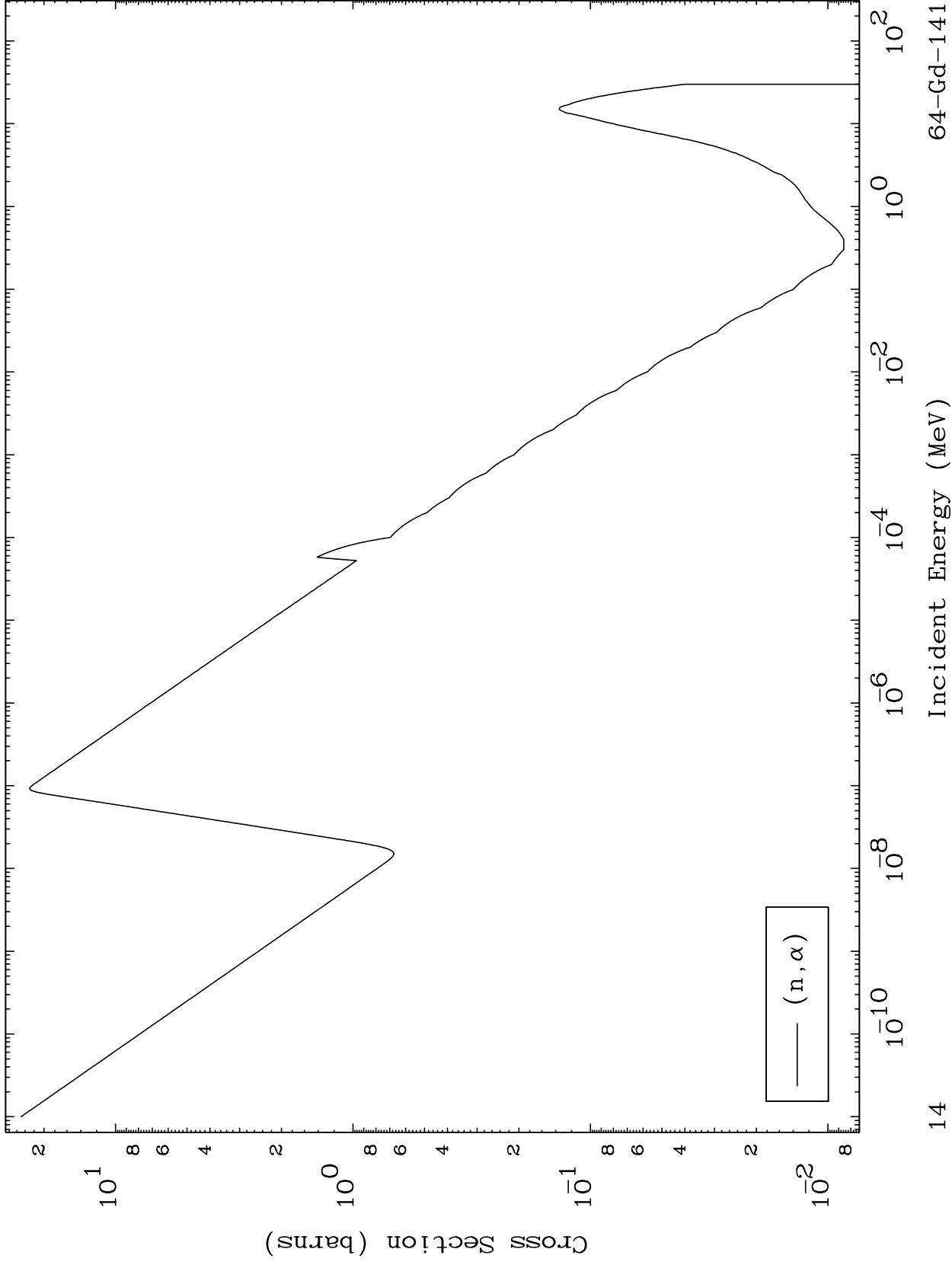
Incident Energy (MeV)

64-Gd-141

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(n, α) Levels
293 Kelvin Cross Sections

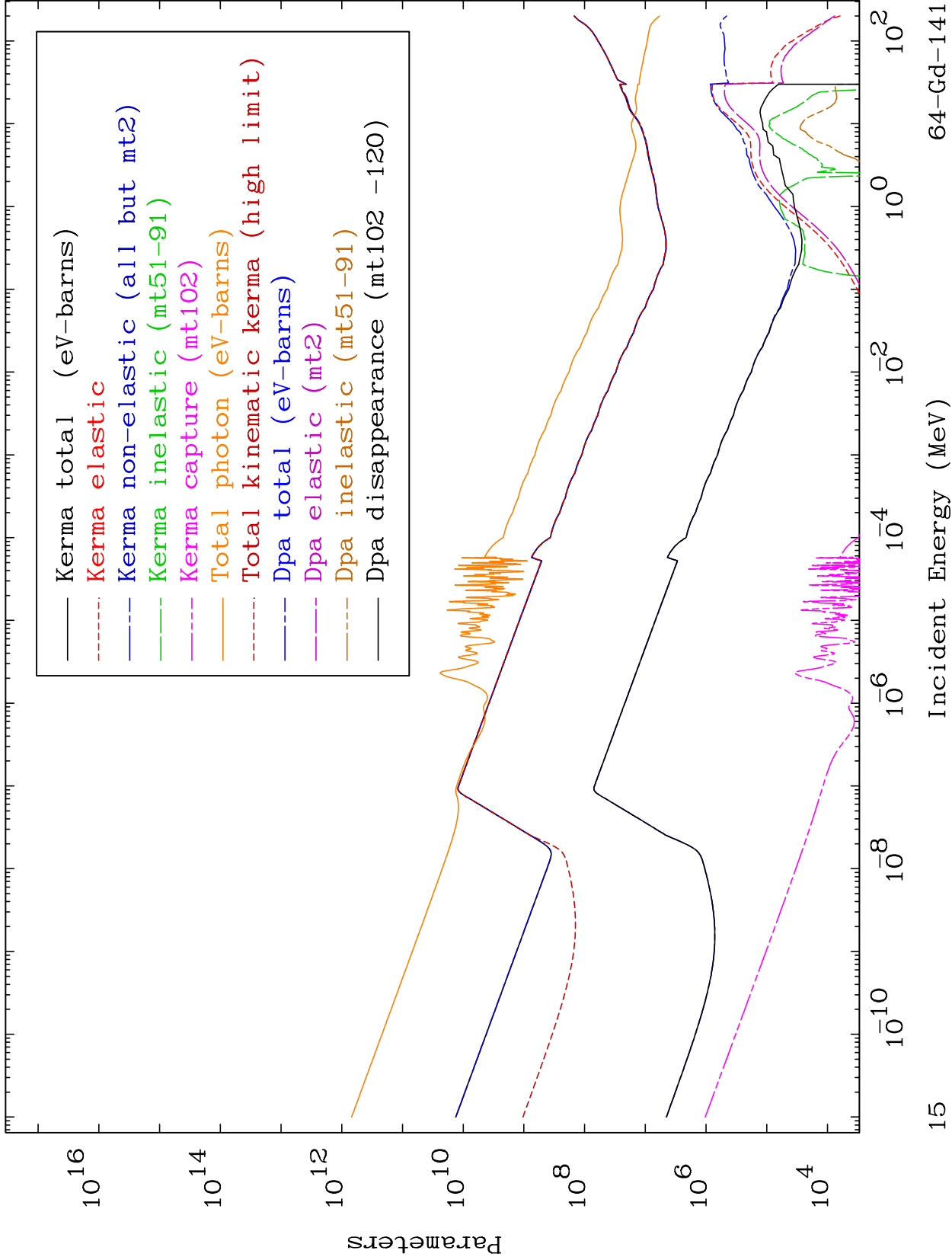
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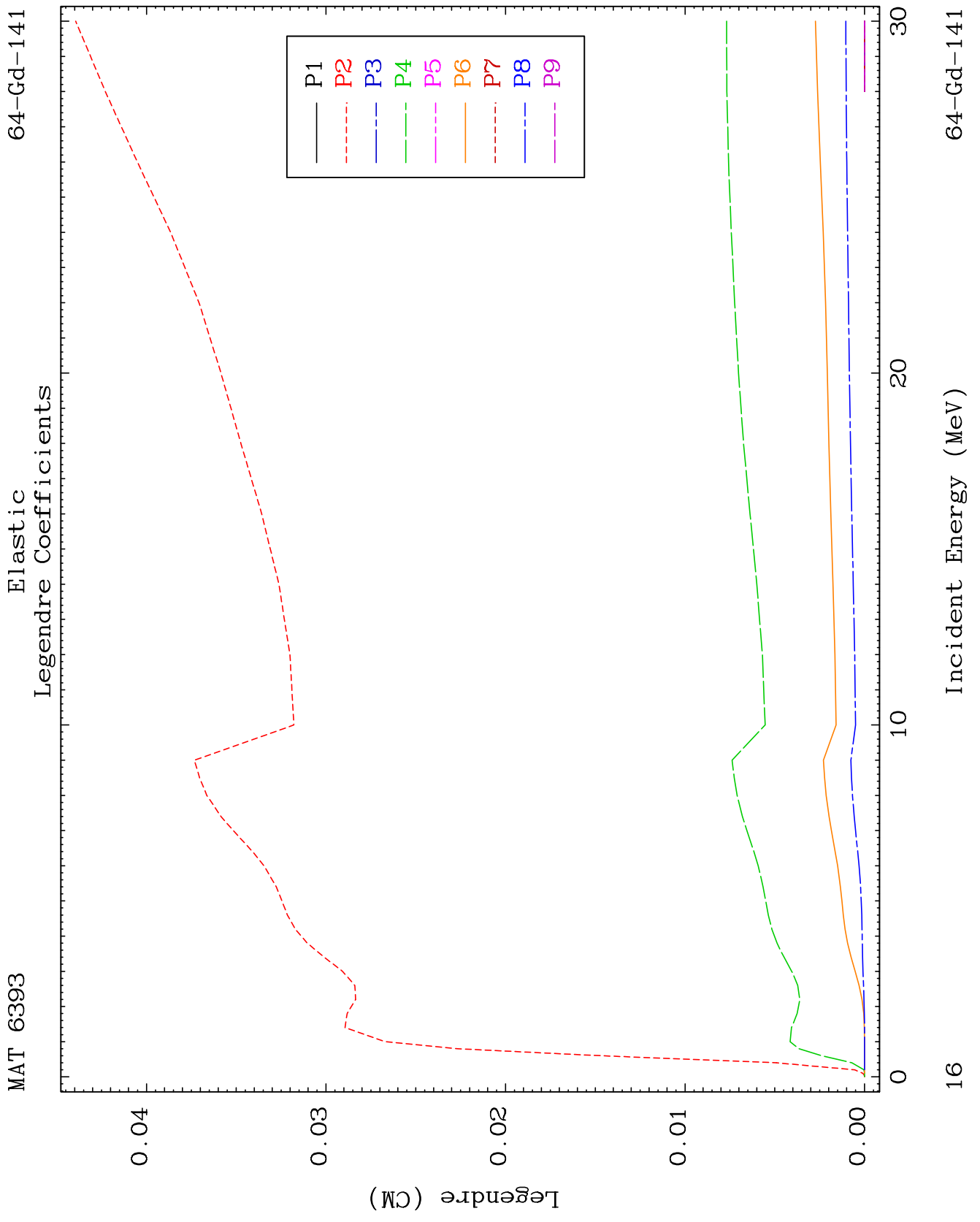


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Incident Energy (MeV)

64-Gd-141

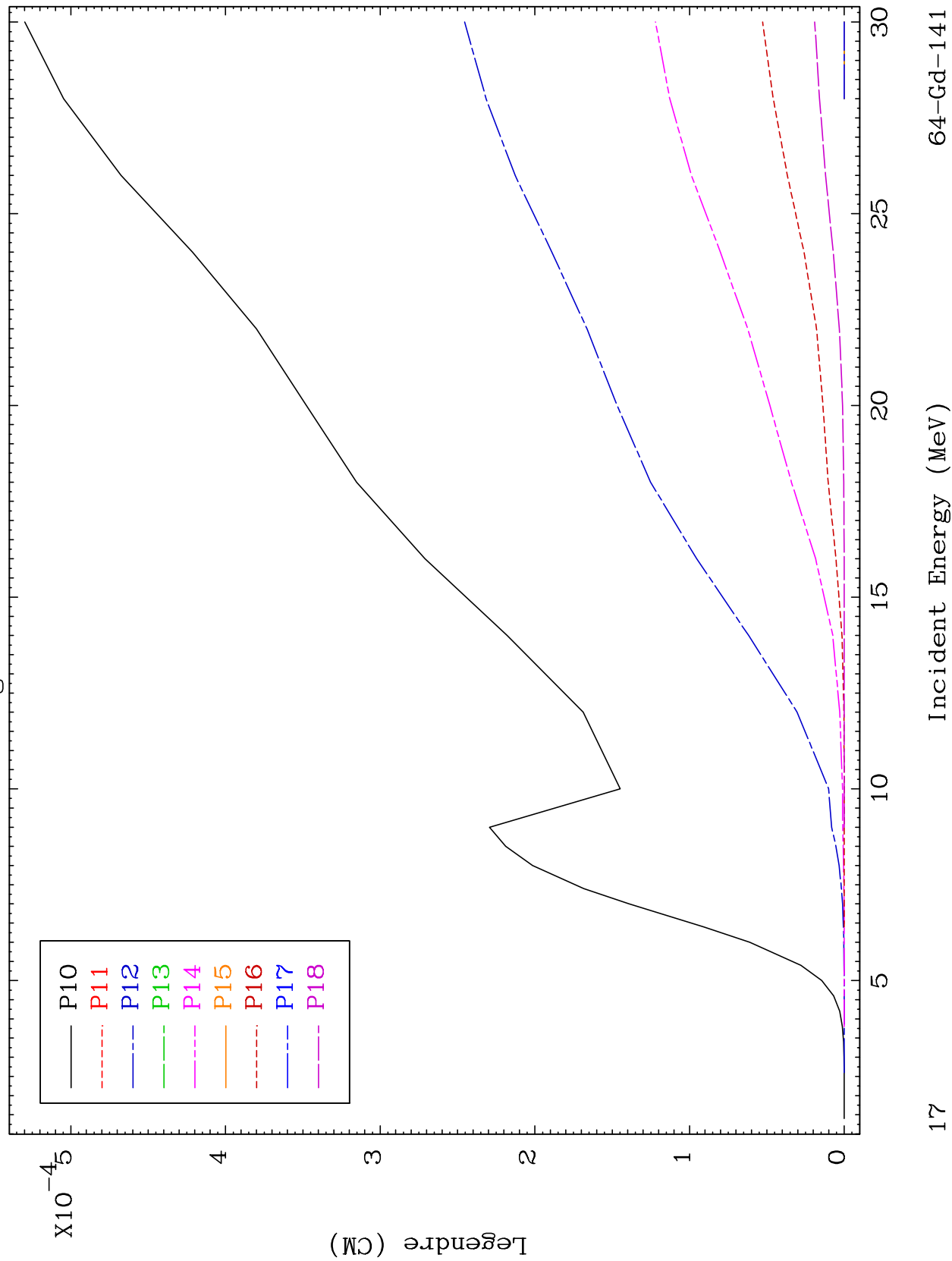




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Elastic Legendre Coefficients

64-Gd-141



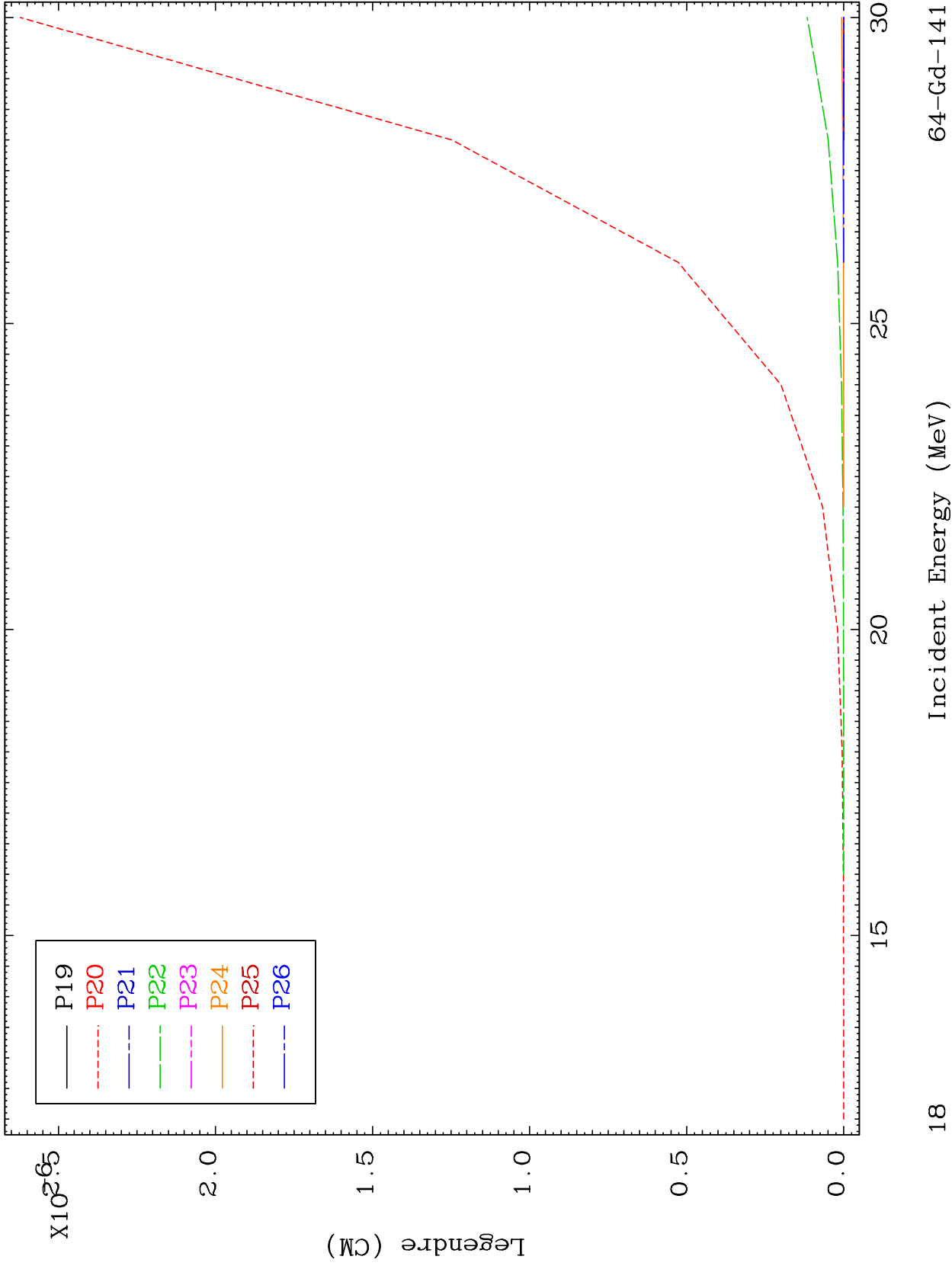
17

64-Gd-141

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Elastic
Legendre Coefficients

64-Gd-141



18

Incident Energy (MeV)

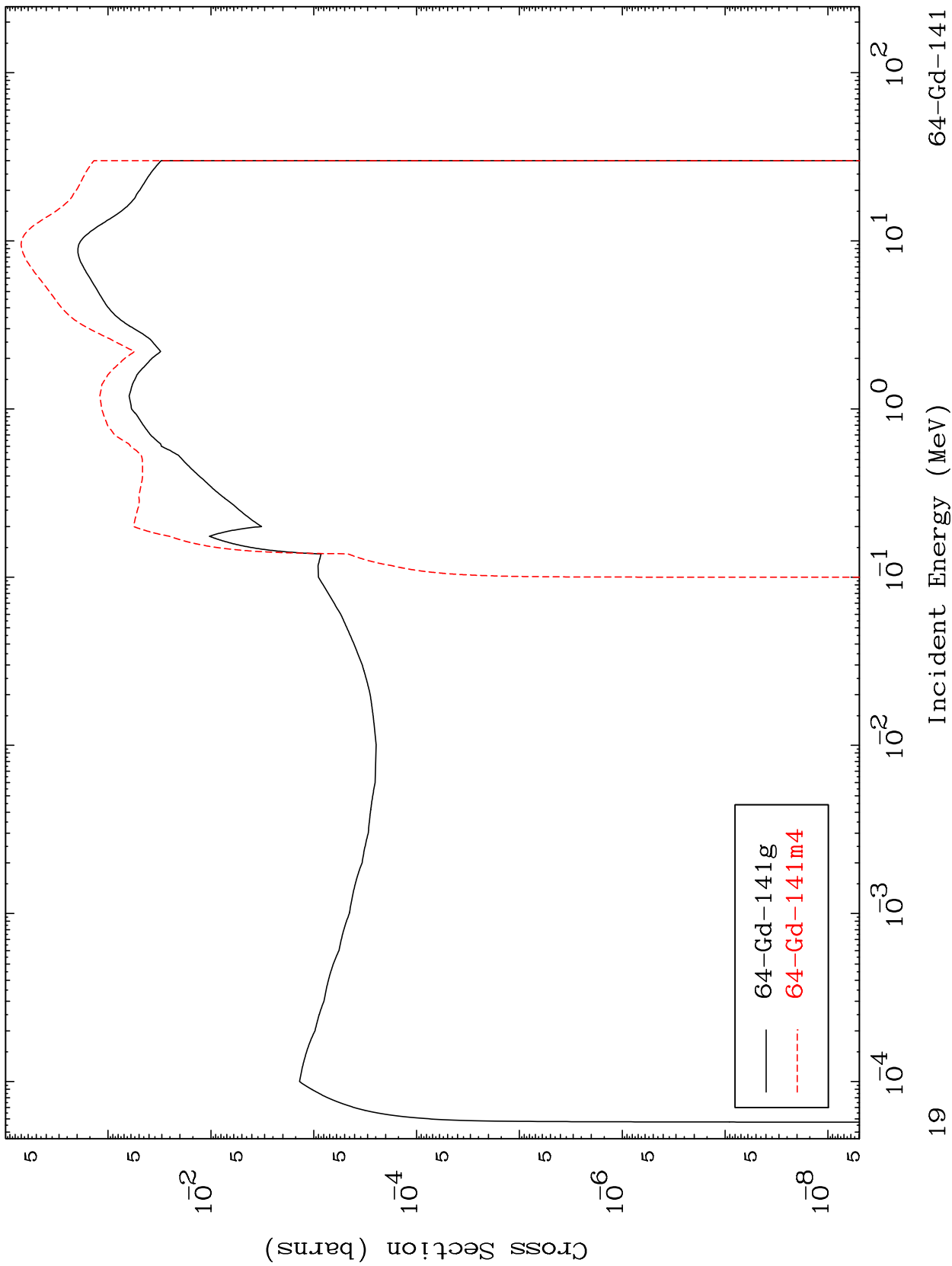
64-Gd-141

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64-Gd-141

Inelastic

Radionuclide Production Cross Section

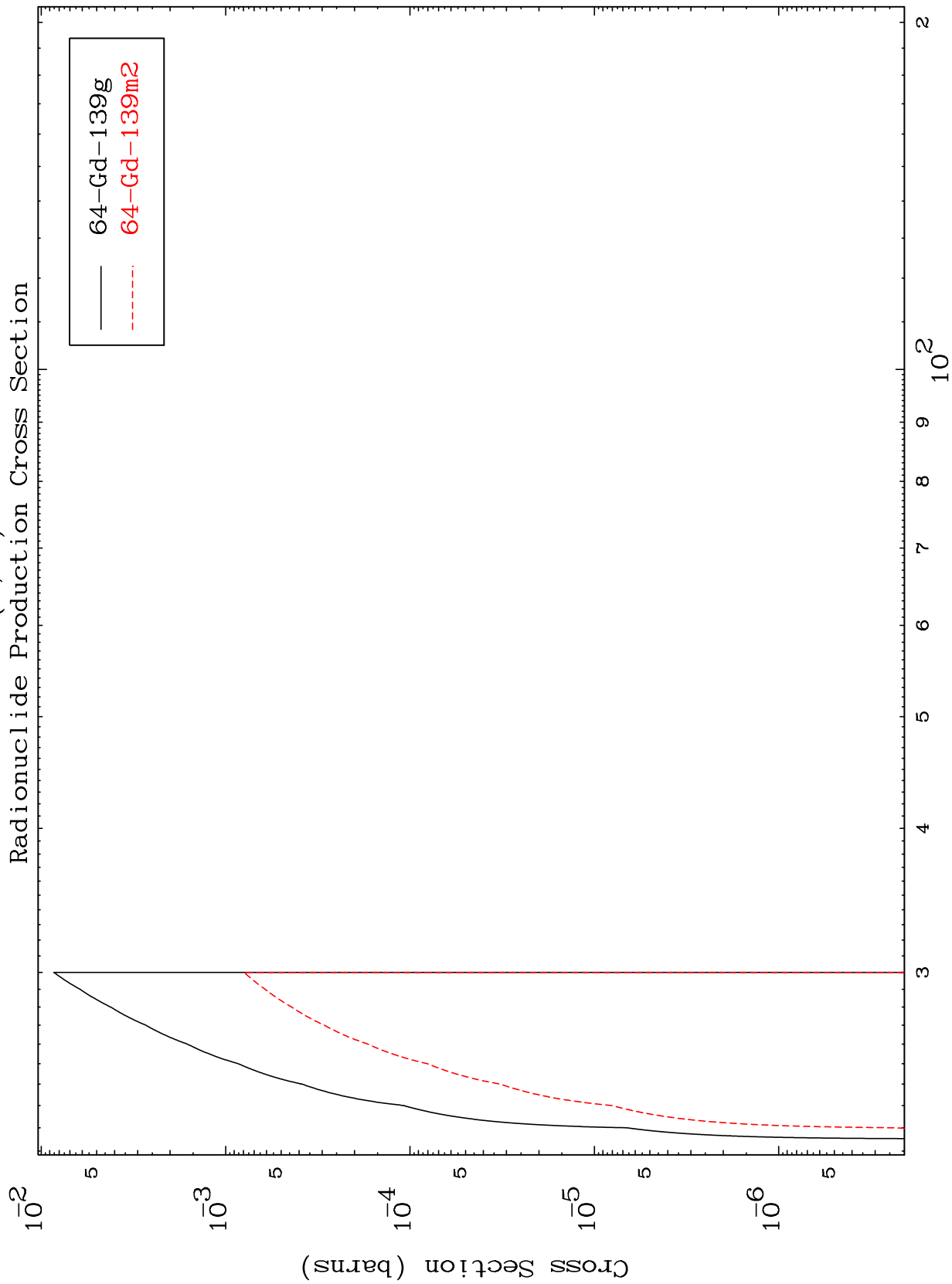


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64-Gd-141

(n,3n)
Radionuclide Production Cross Section



64-Gd-139g
64-Gd-139m2

20

Incident Energy (MeV)

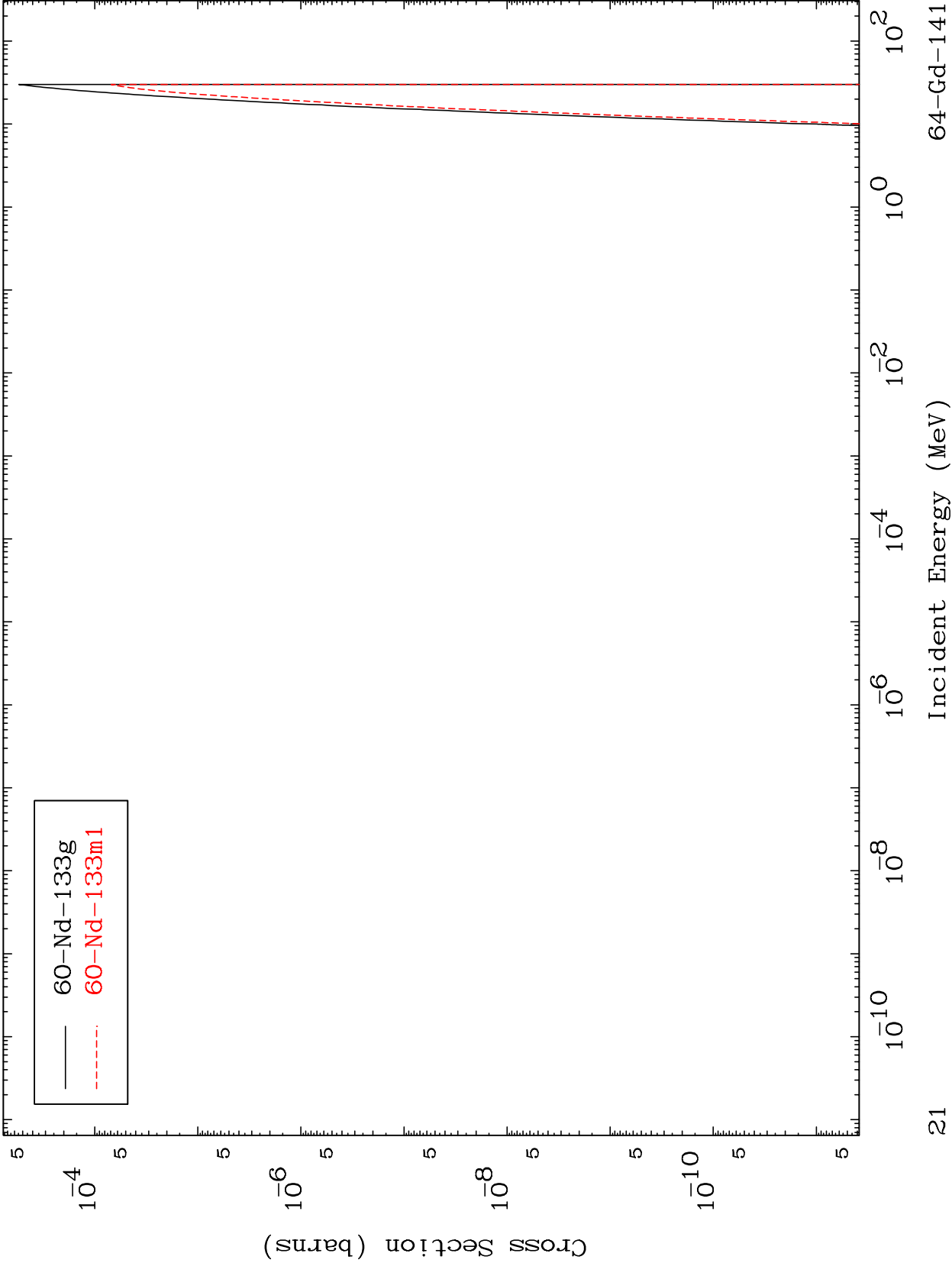
64-Gd-141

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(n,n') 2 α

64-Gd-141

Radionuclide Production Cross Section

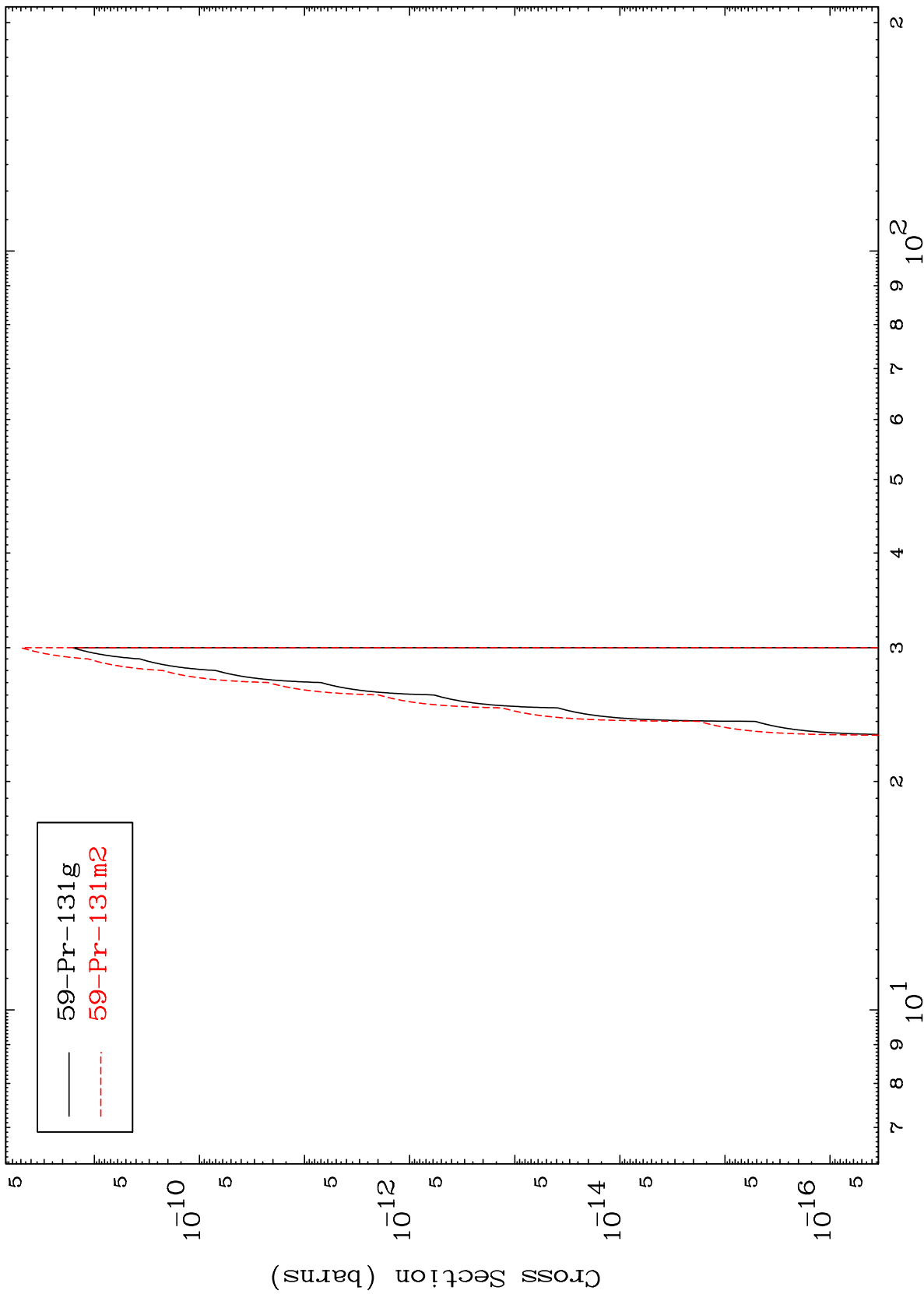


60-Nd-133g
60-Nd-133m1

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64-Gd-141

(n,n') d,2α
Radionuclide Production Cross Section



22

Incident Energy (MeV)

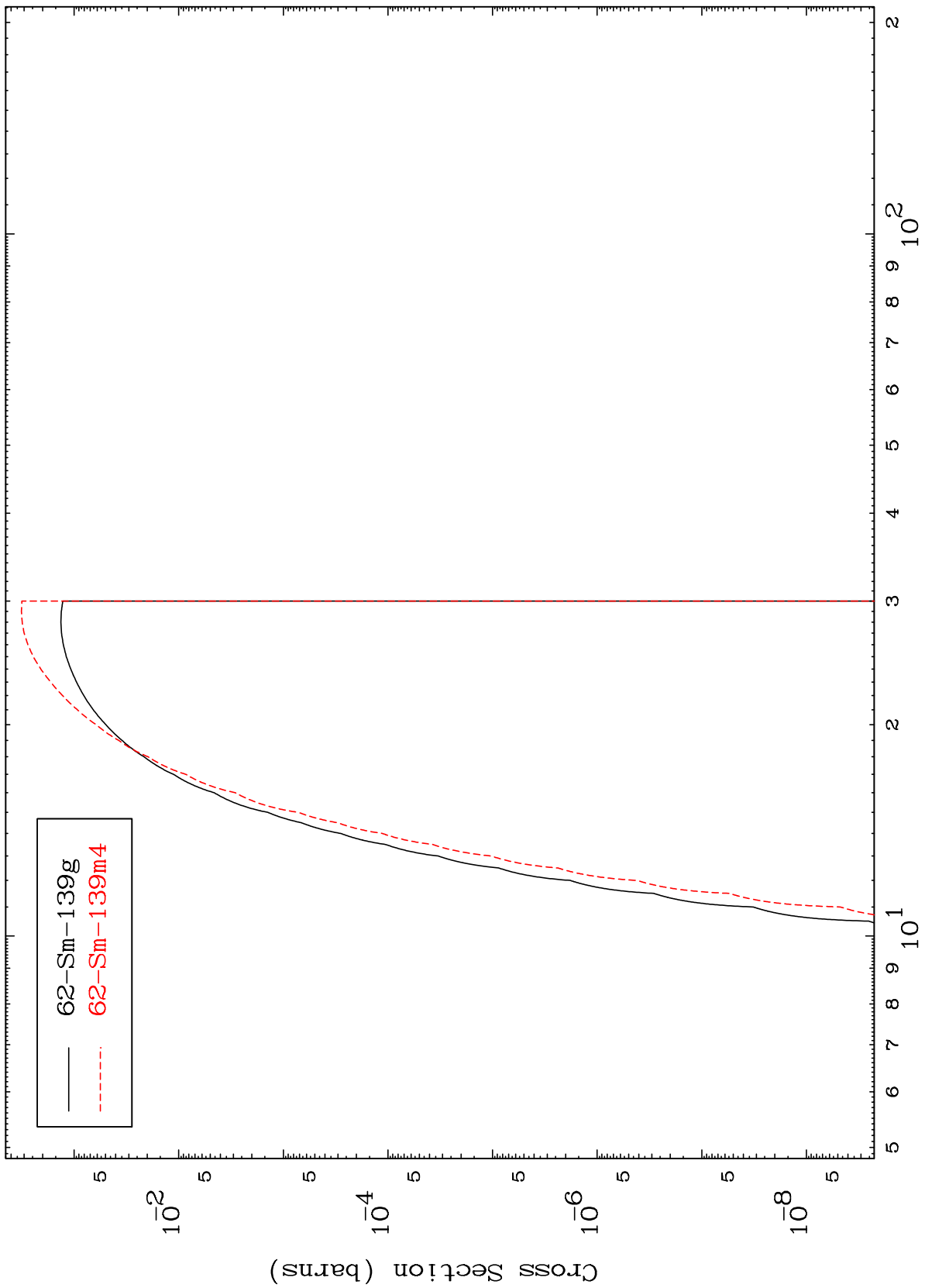
64-Gd-141

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(n,2n) p

64-Gd-141

Radionuclide Production Cross Section



62-Sm-139g
62-Sm-139m4

23

Incident Energy (MeV)

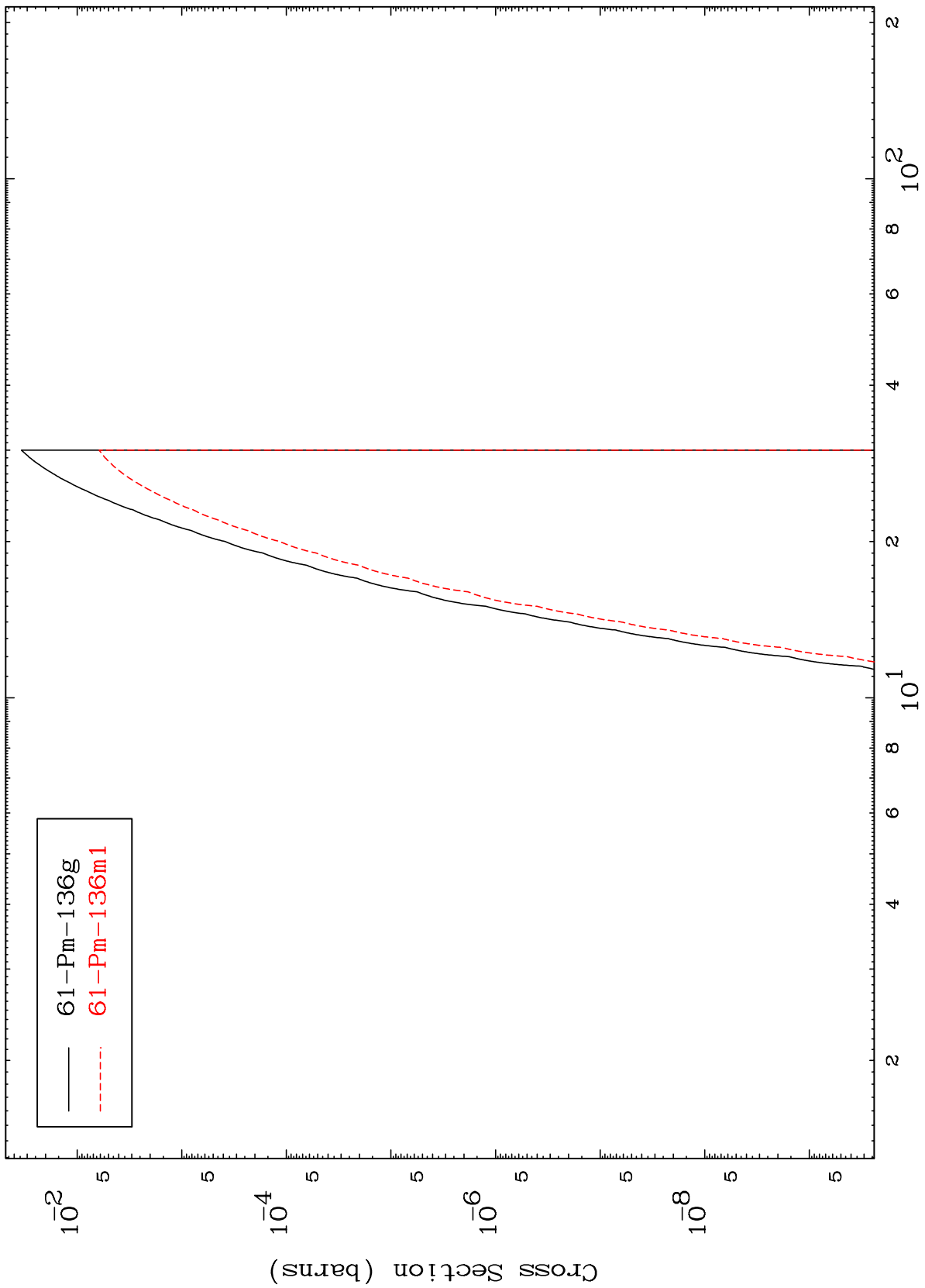
64-Gd-141

MAT 6393

(n,n') p α

64-Gd-141

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

24

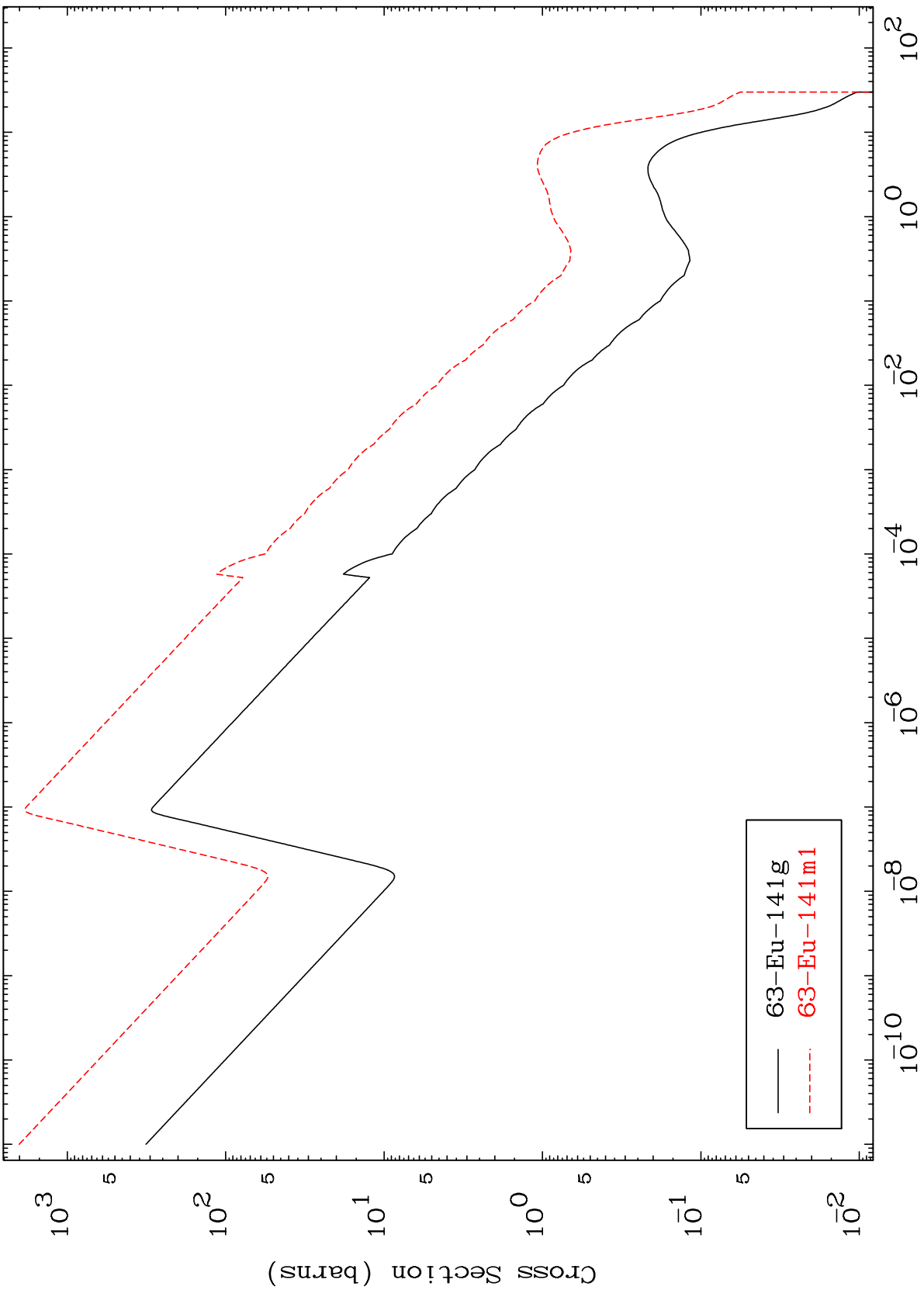
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

(n,p)
Radionuclide Production Cross Section



— 63-Eu-141g
- - - 63-Eu-141m1

64-Gd-141

Incident Energy (MeV)

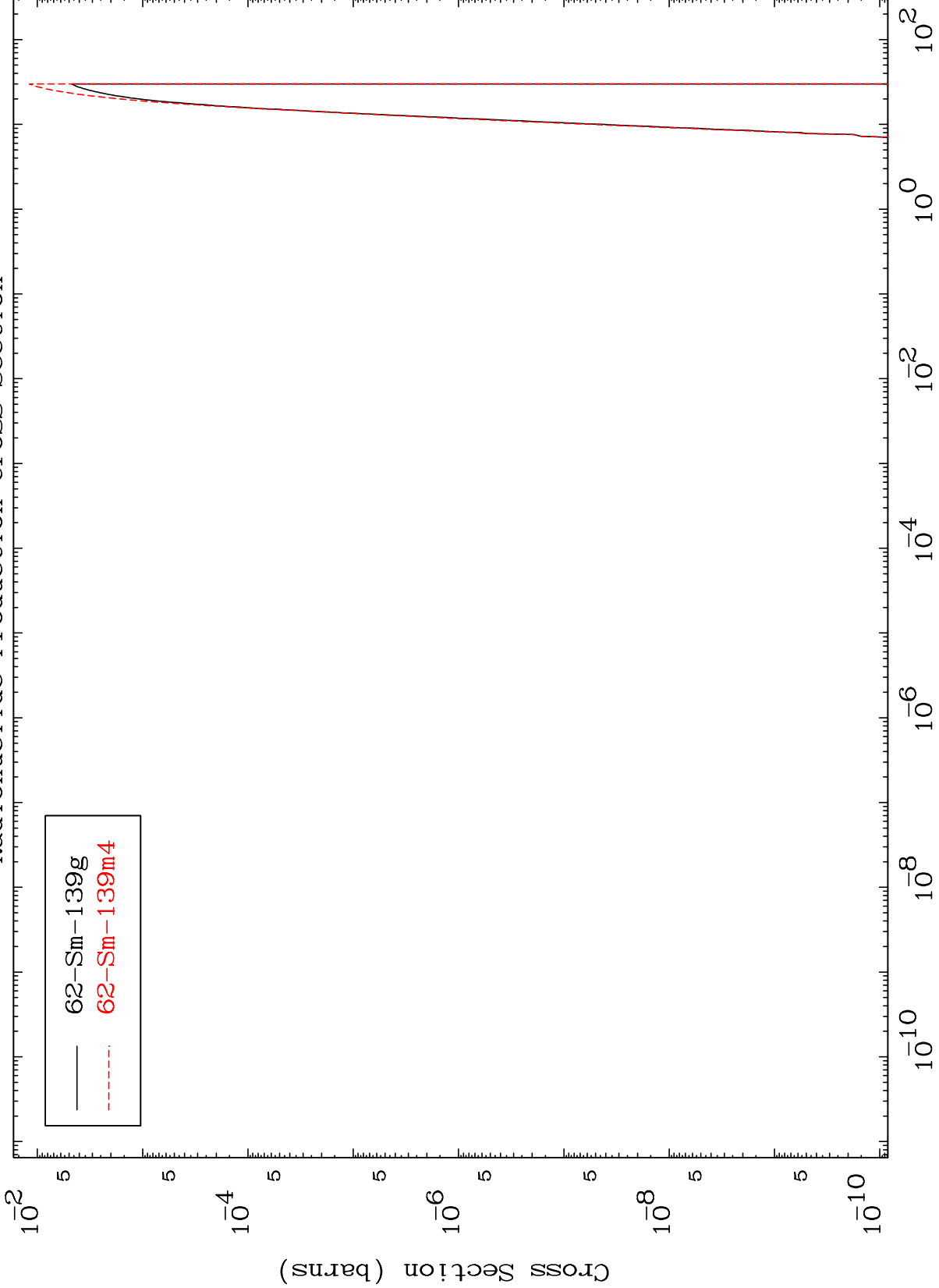
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(n,He-3)

64-Gd-141

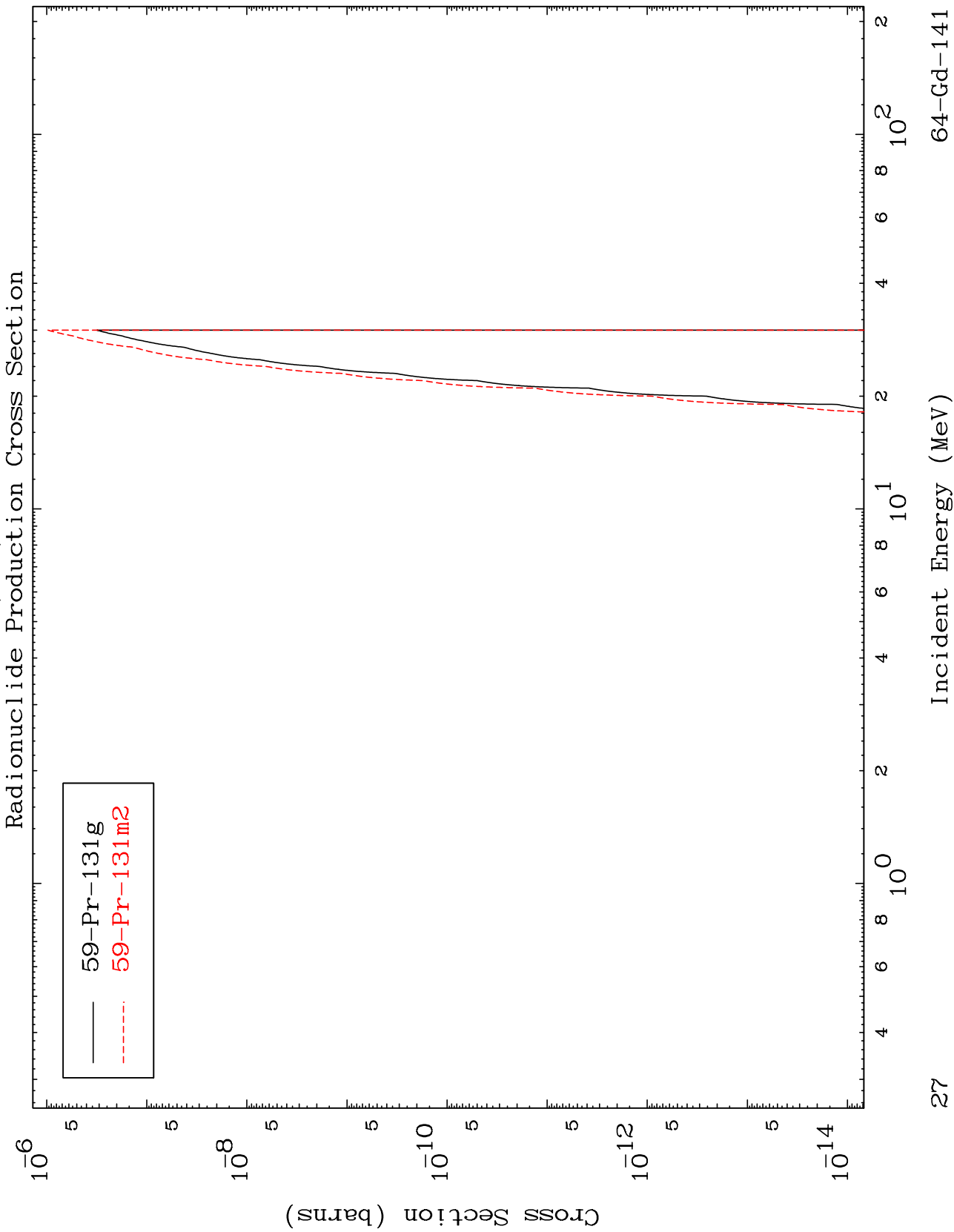
Radionuclide Production Cross Section



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(n, t) 2 α

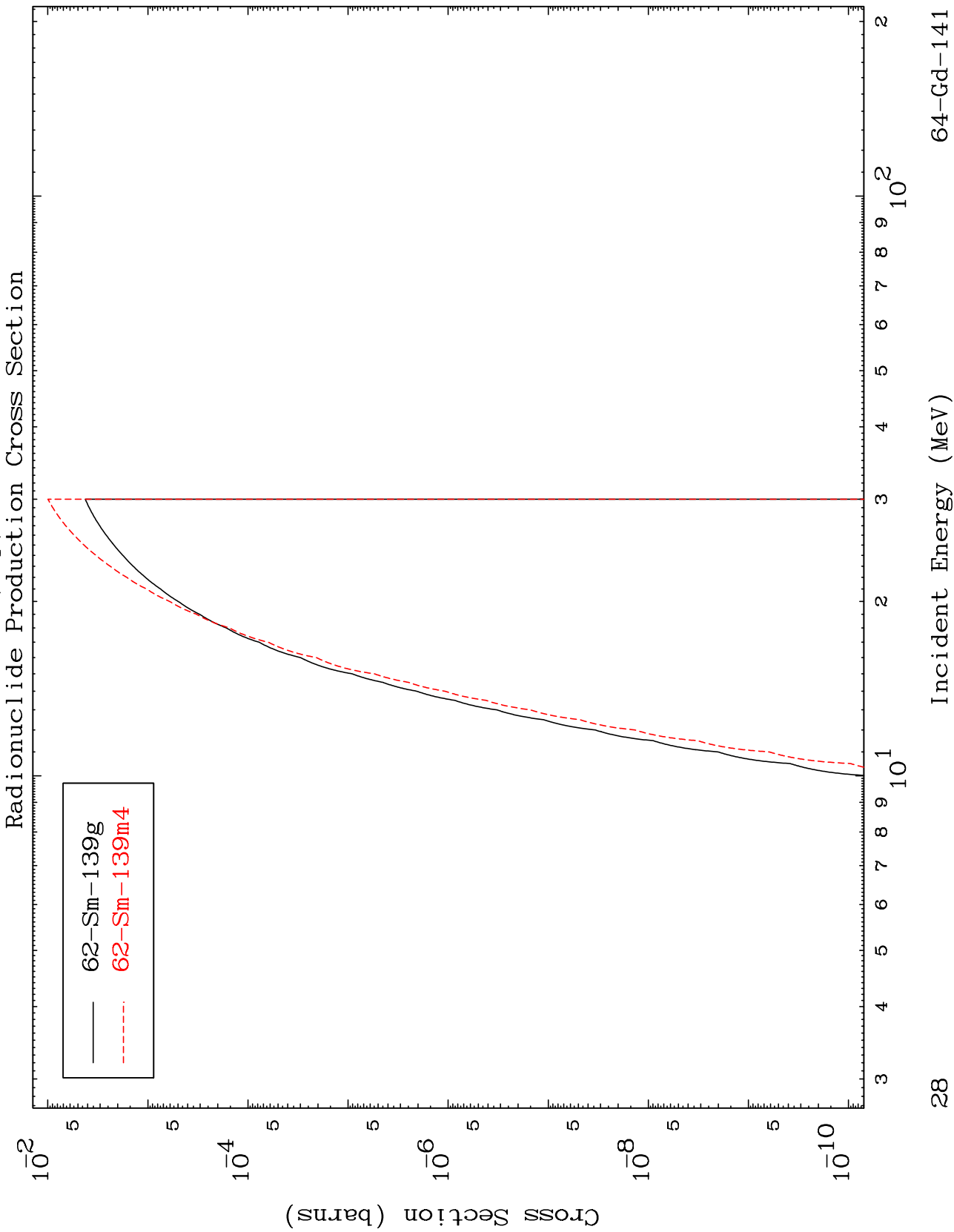
64-Gd-141



MAT 6393

(n,p) d

64-Gd-141



62-Sm-139g
62-Sm-139m4

MAT 6393

(n,d) α

$^{64}\text{Gd}-141$

