

Program EVALPLOT
(Version 2018-1)

by

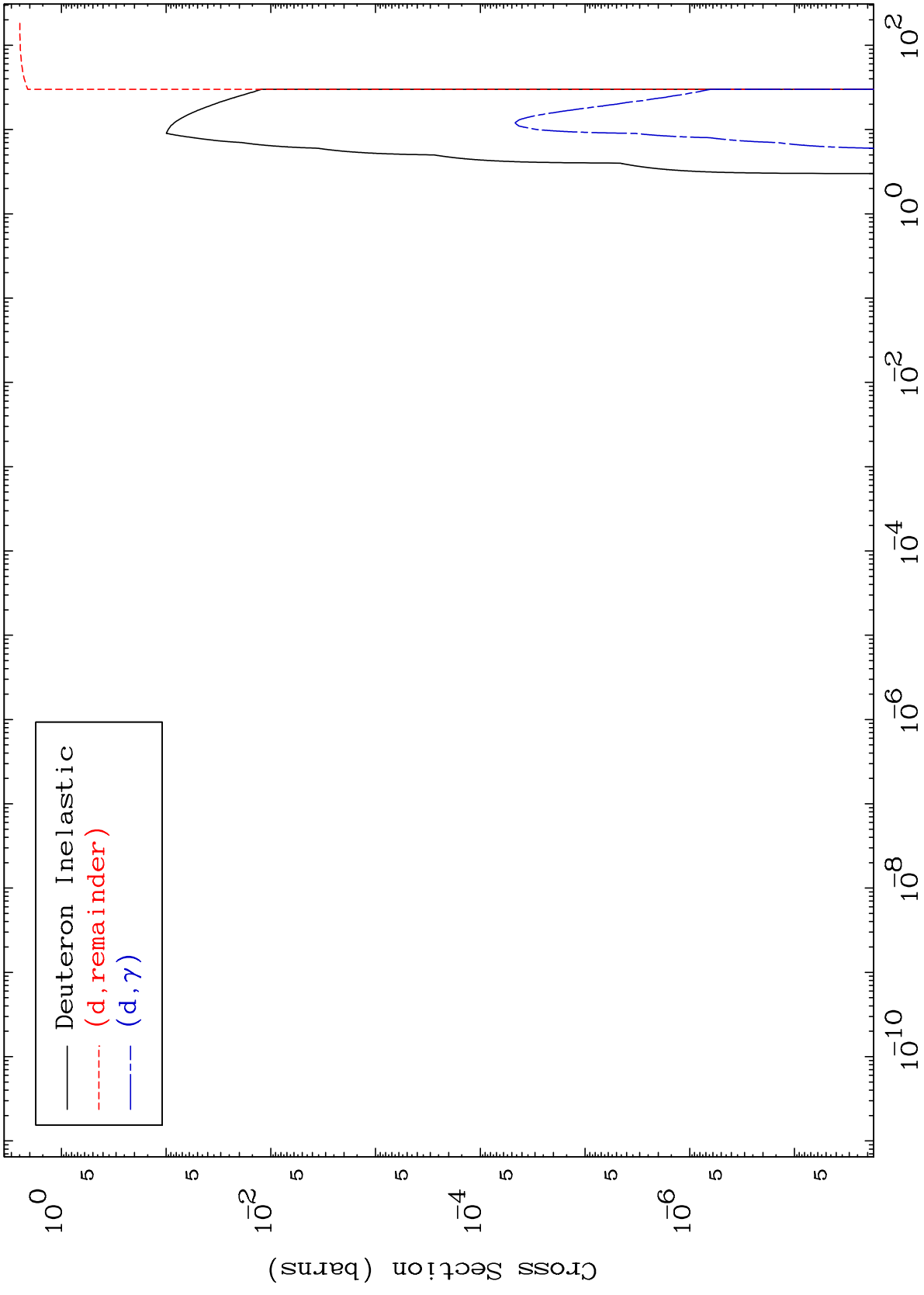
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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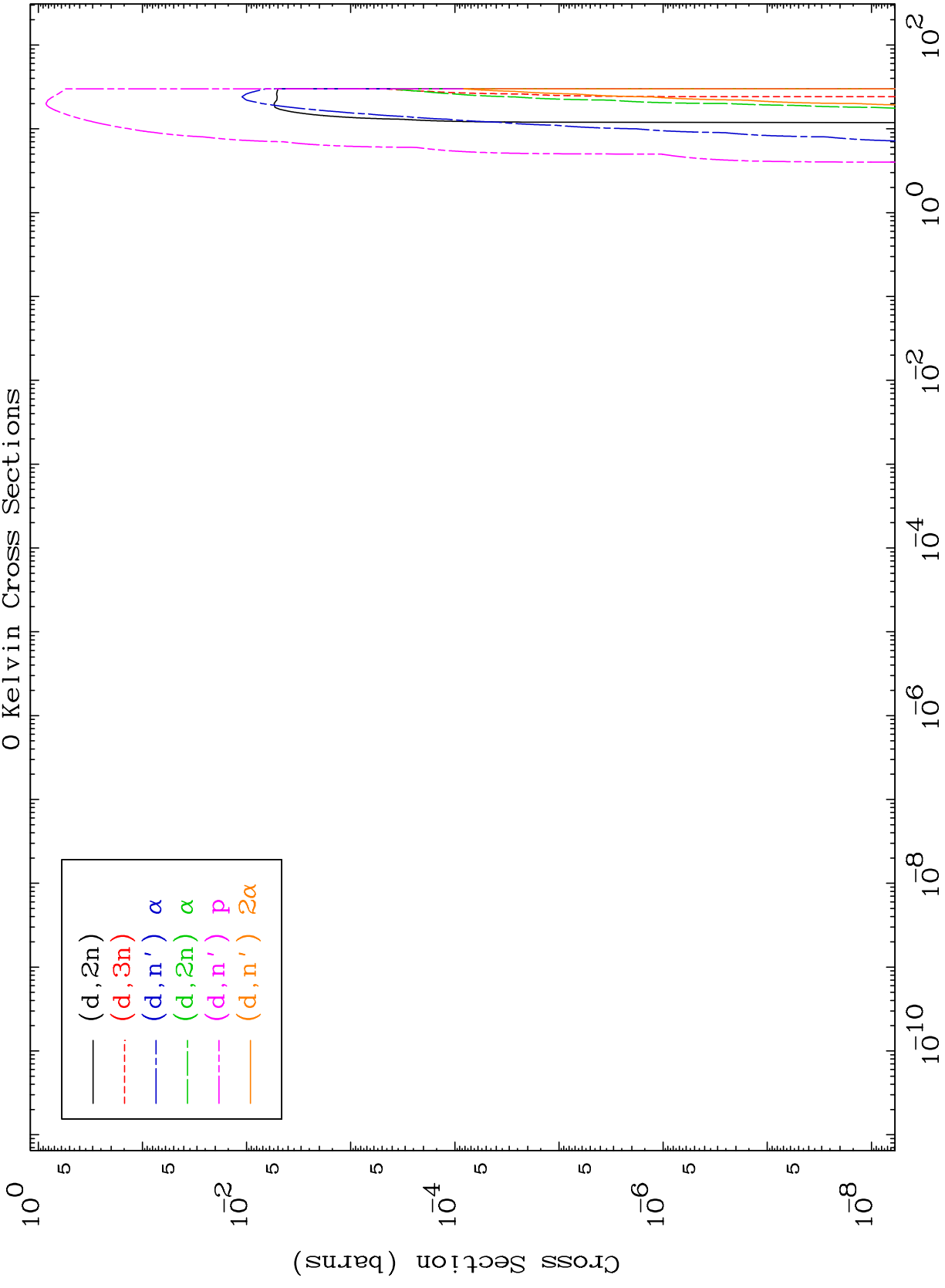
Press Mouse Button to Start

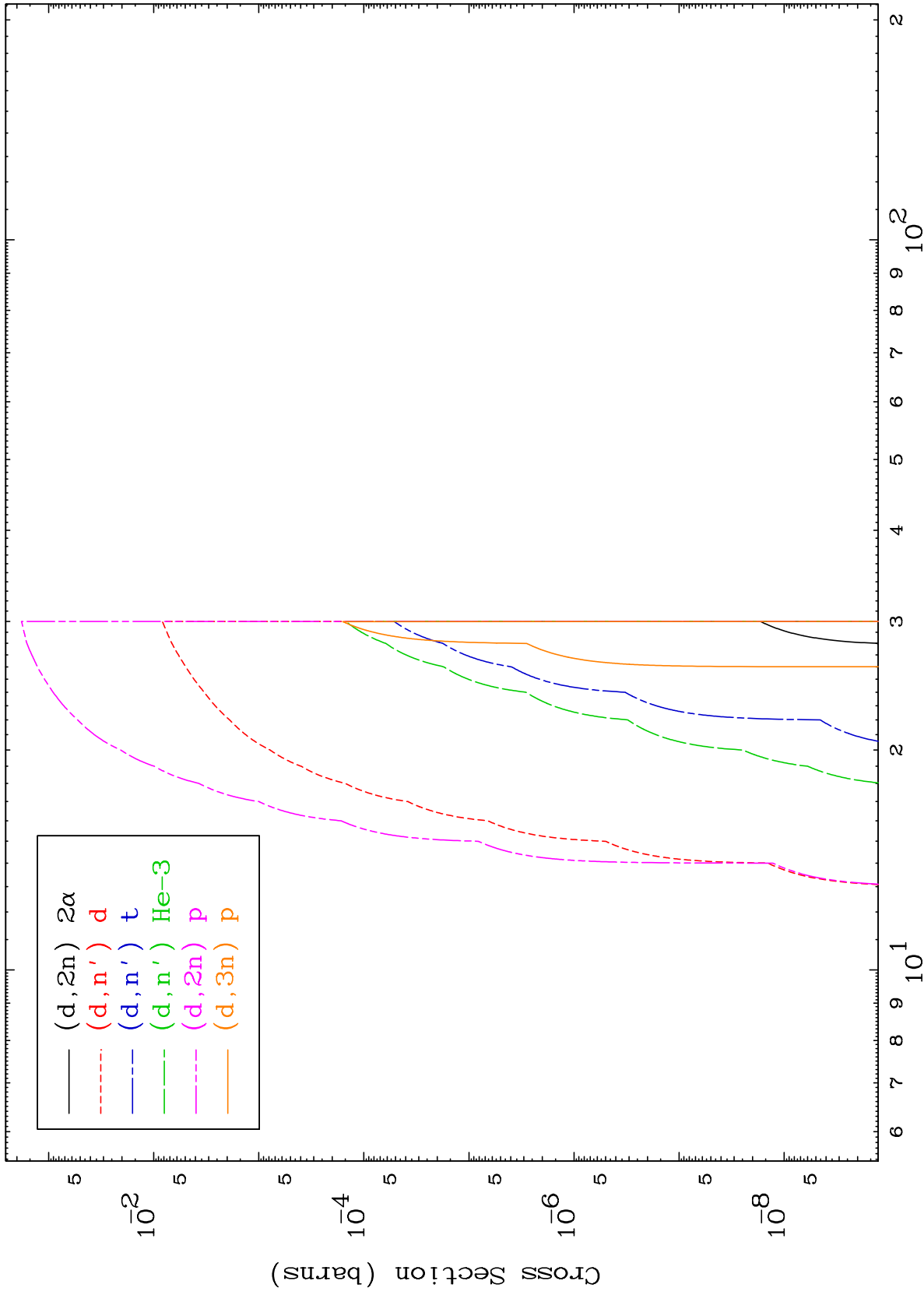


MAT 6392

Deuteron Neutron Production
0 Kelvin Cross Sections

64-Gd-141

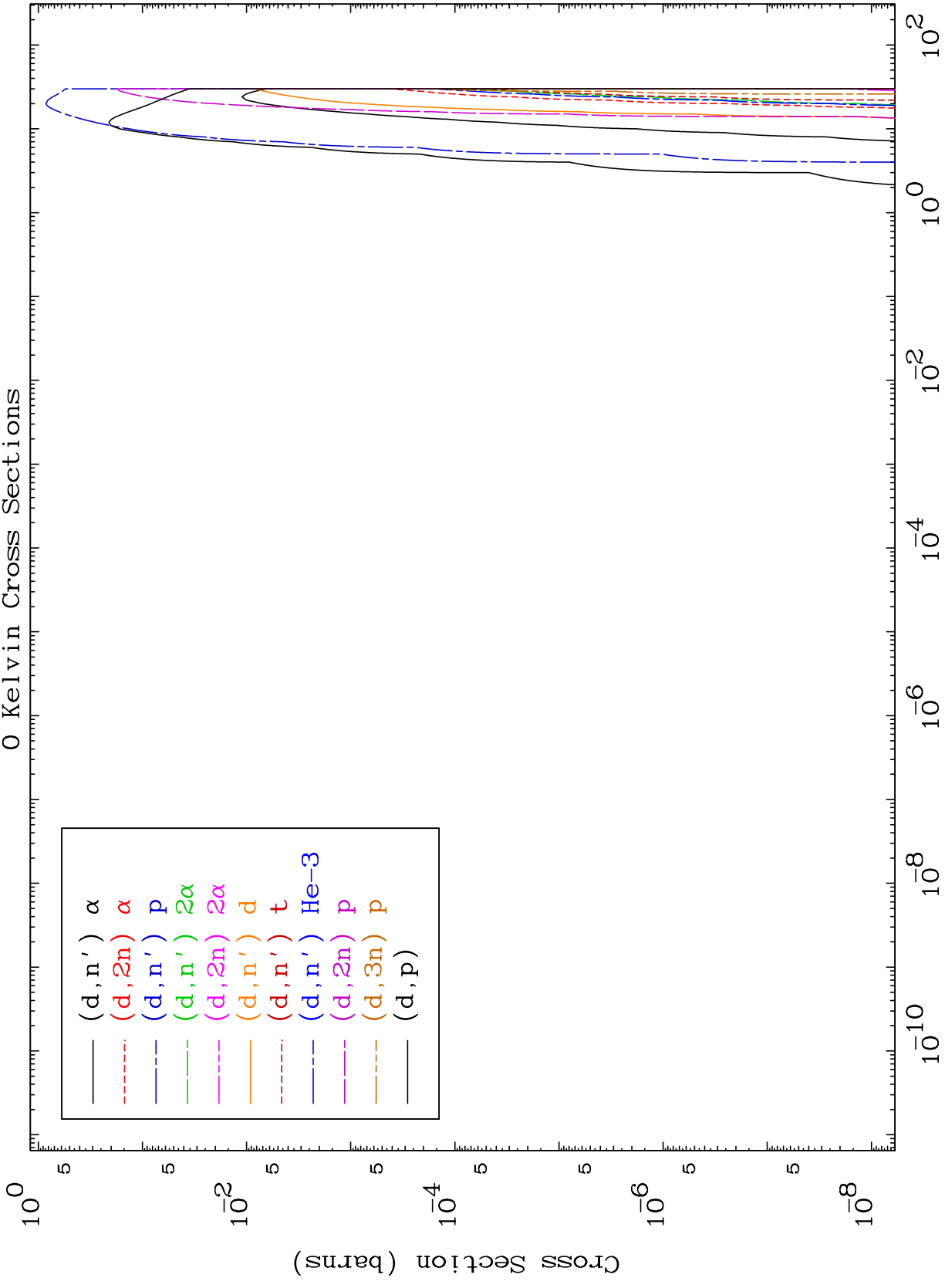




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Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-141

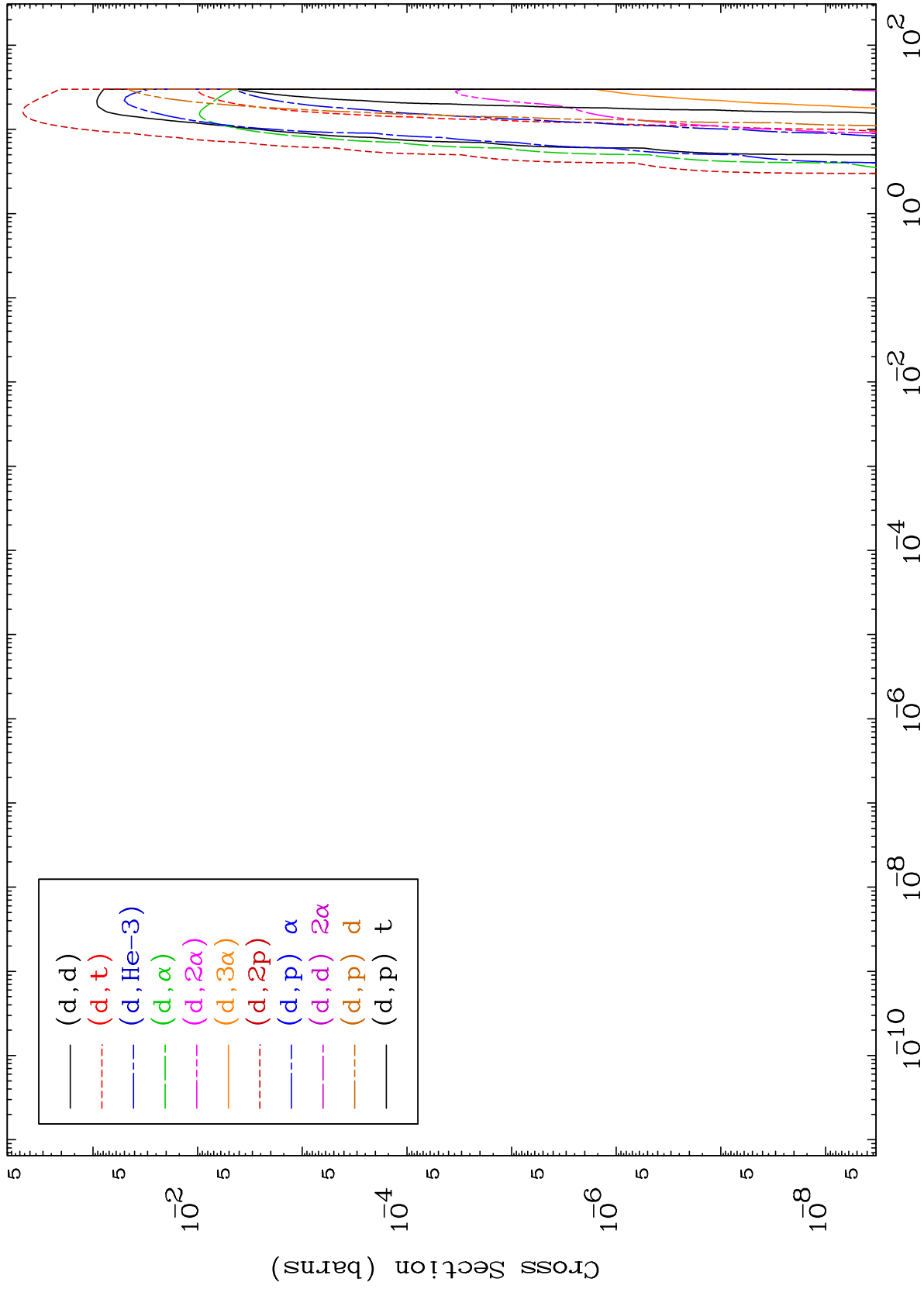


64-Gd-141

MAT 6392

Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-141



5

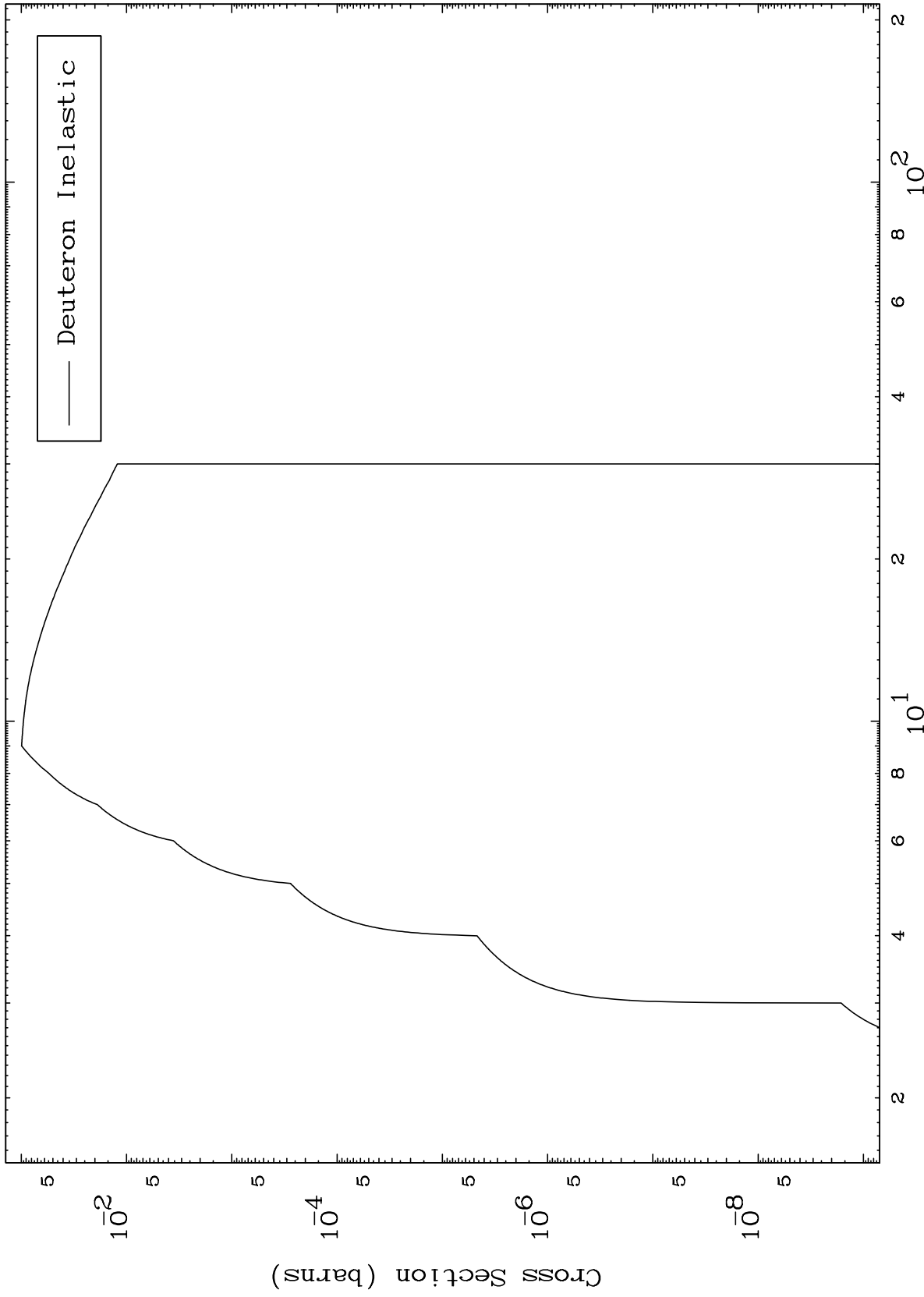
Incident Energy (MeV)

64-Gd-141

MAT 6392

64-Gd-141

(d,n') Level
0 Kelvin Cross Sections



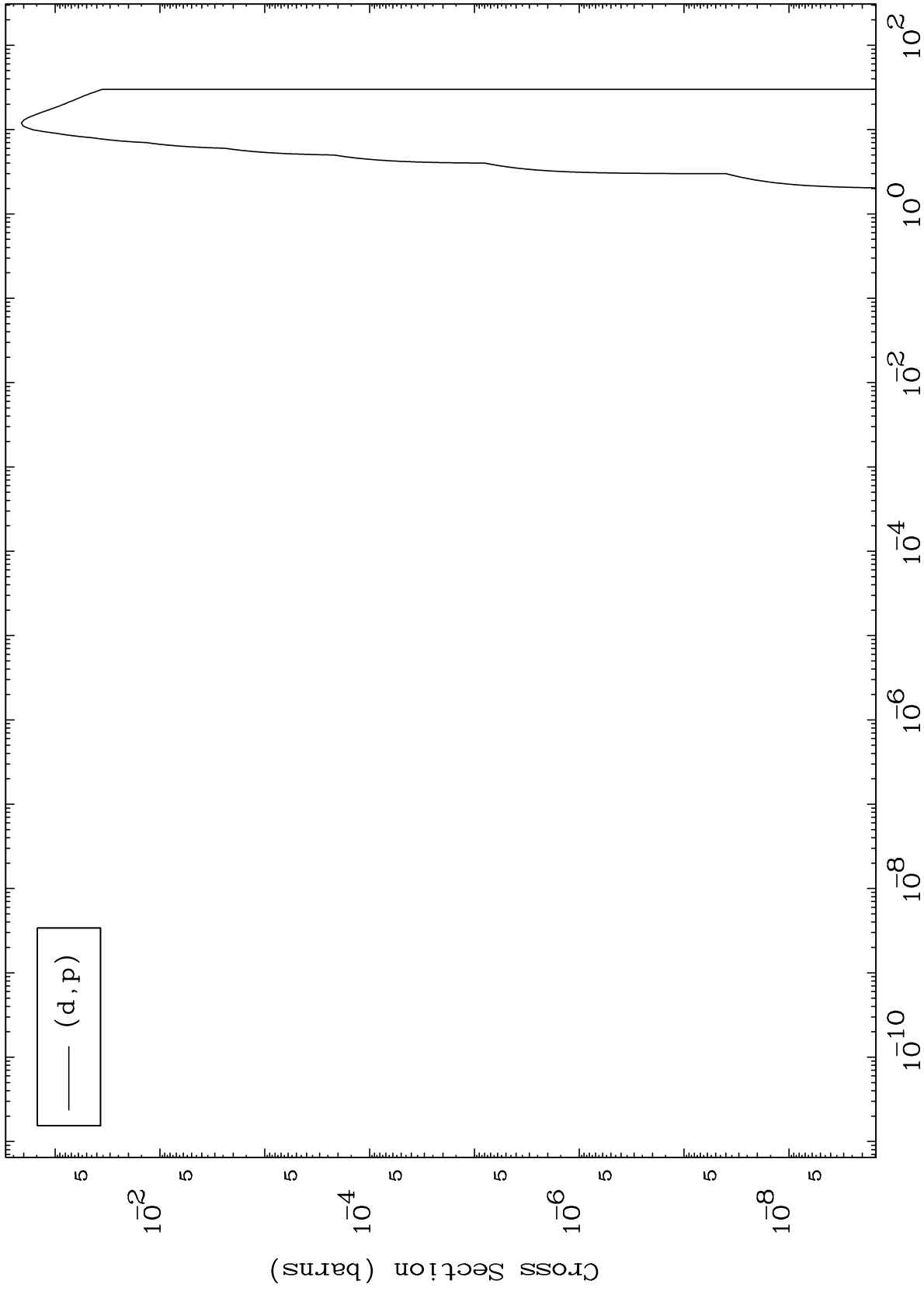
6

64-Gd-141

MAT 6392

(d,p) Levels
0 Kelvin Cross Sections

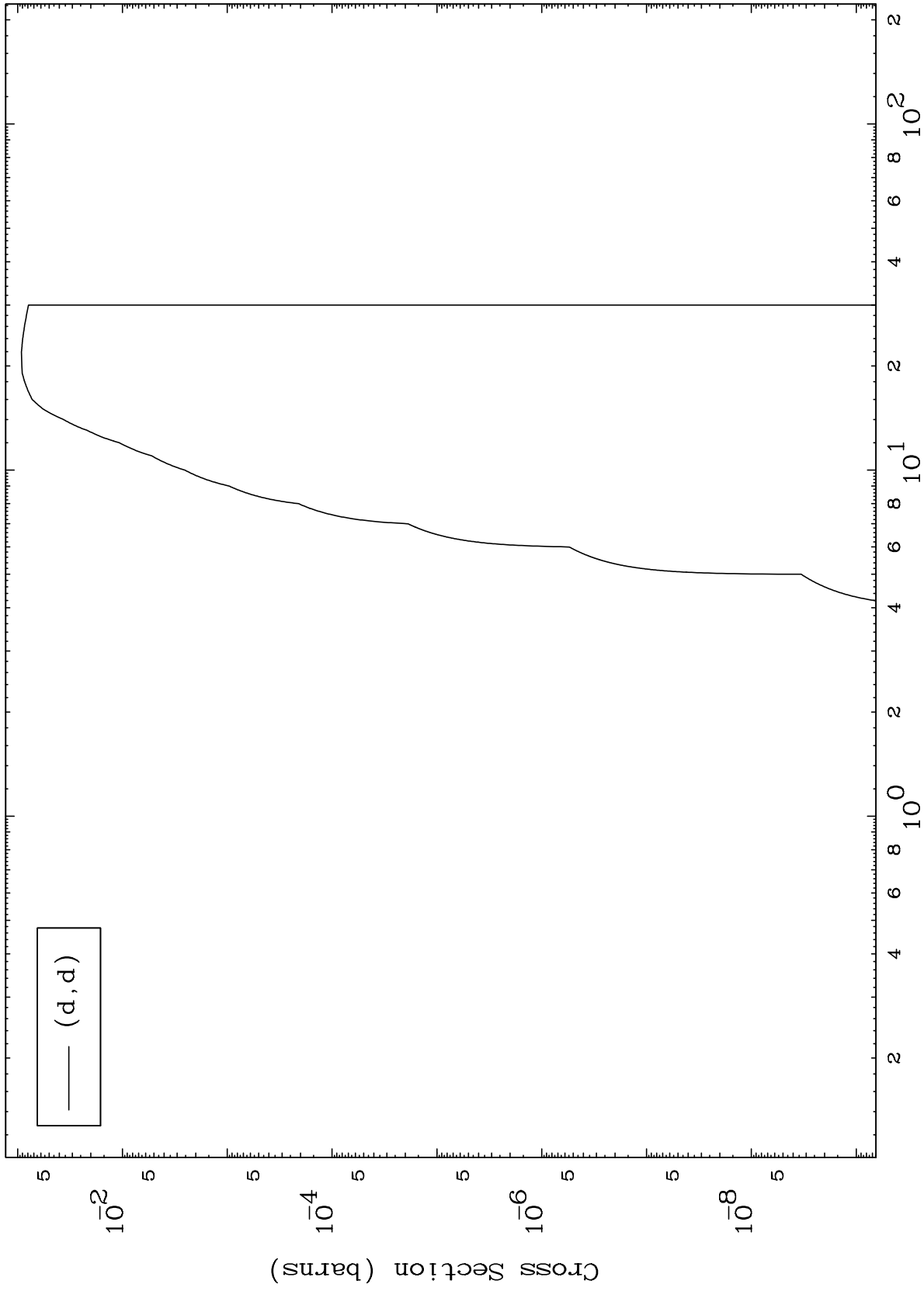
64-Gd-141



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(d,d) Levels
0 Kelvin Cross Sections

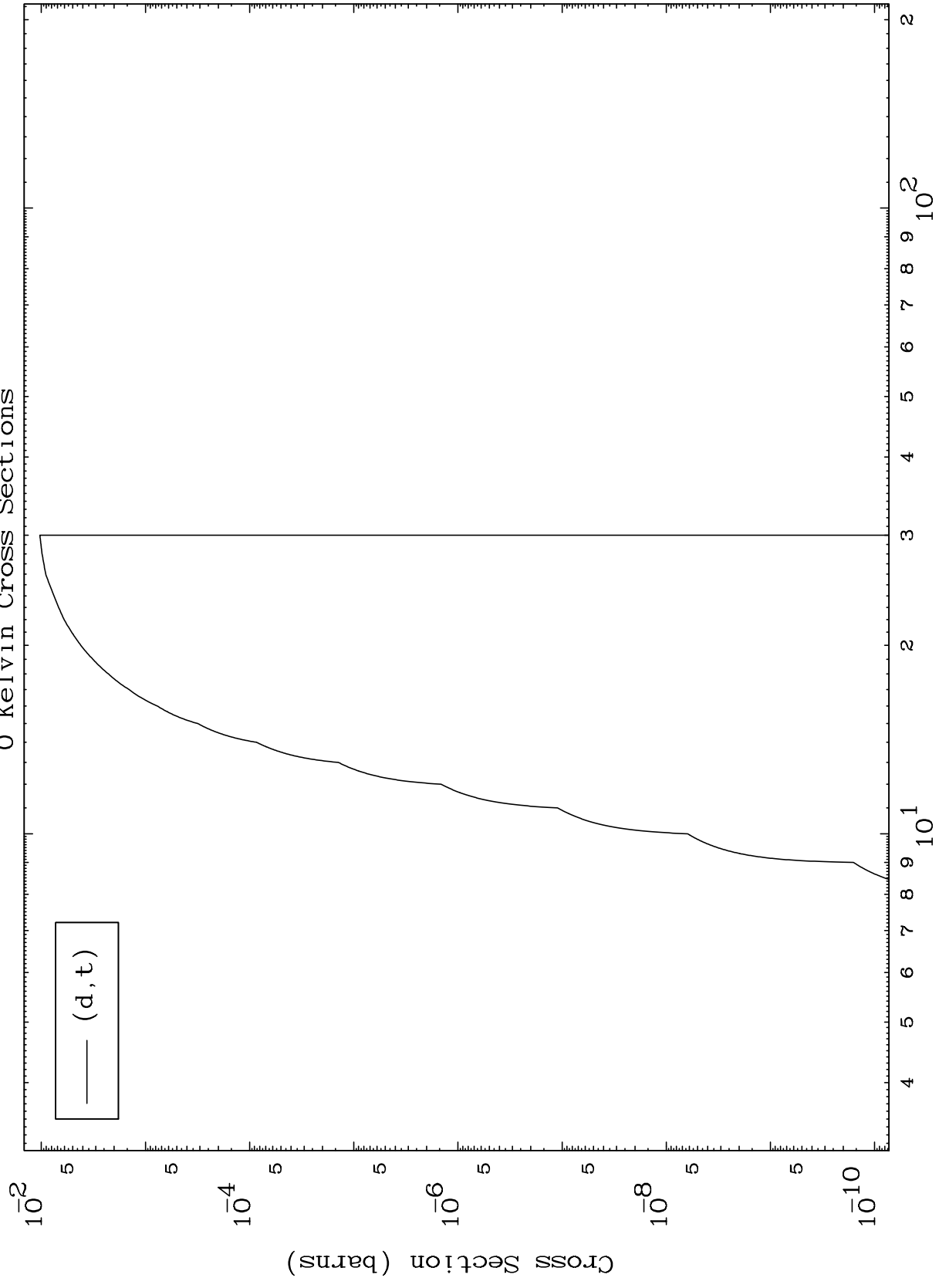
64-Gd-141



MAT 6392

(d,t) Levels
0 Kelvin Cross Sections

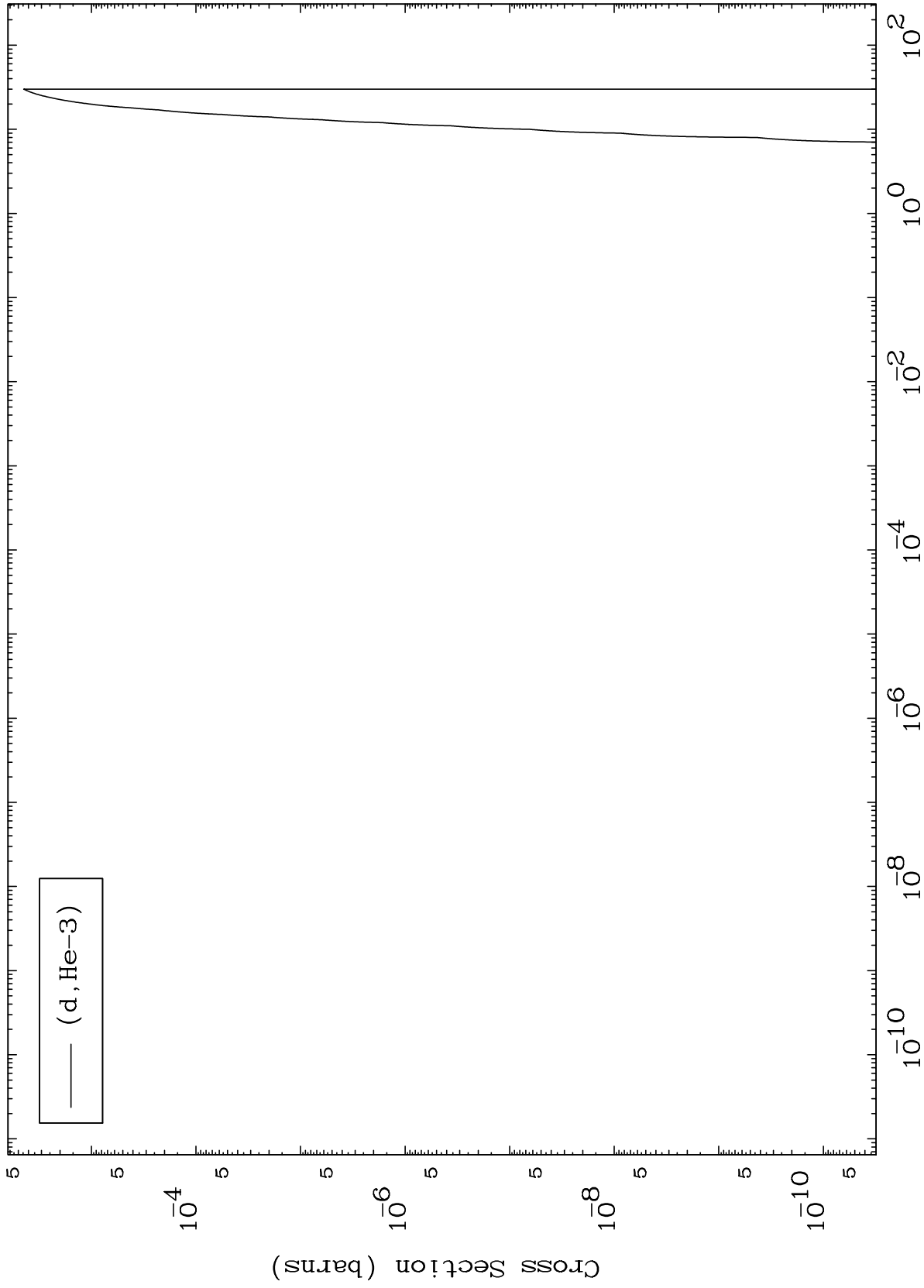
64-Gd-141



MAT 6392

(d,He3) Levels
0 Kelvin Cross Sections

64-Gd-141



10

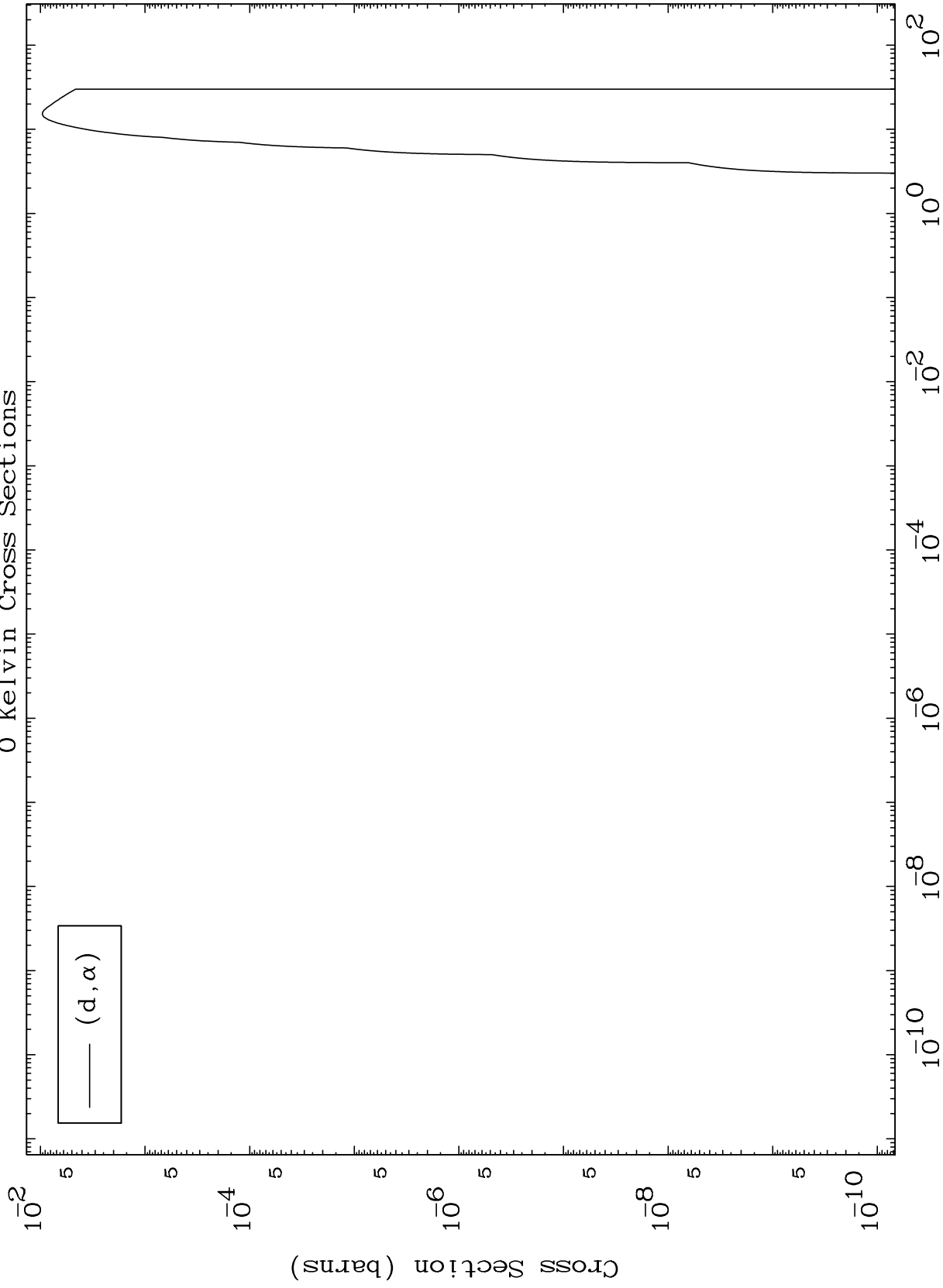
Incident Energy (MeV)

64-Gd-141

MAT 6392

(d, α) Levels
0 Kelvin Cross Sections

64-Gd-141

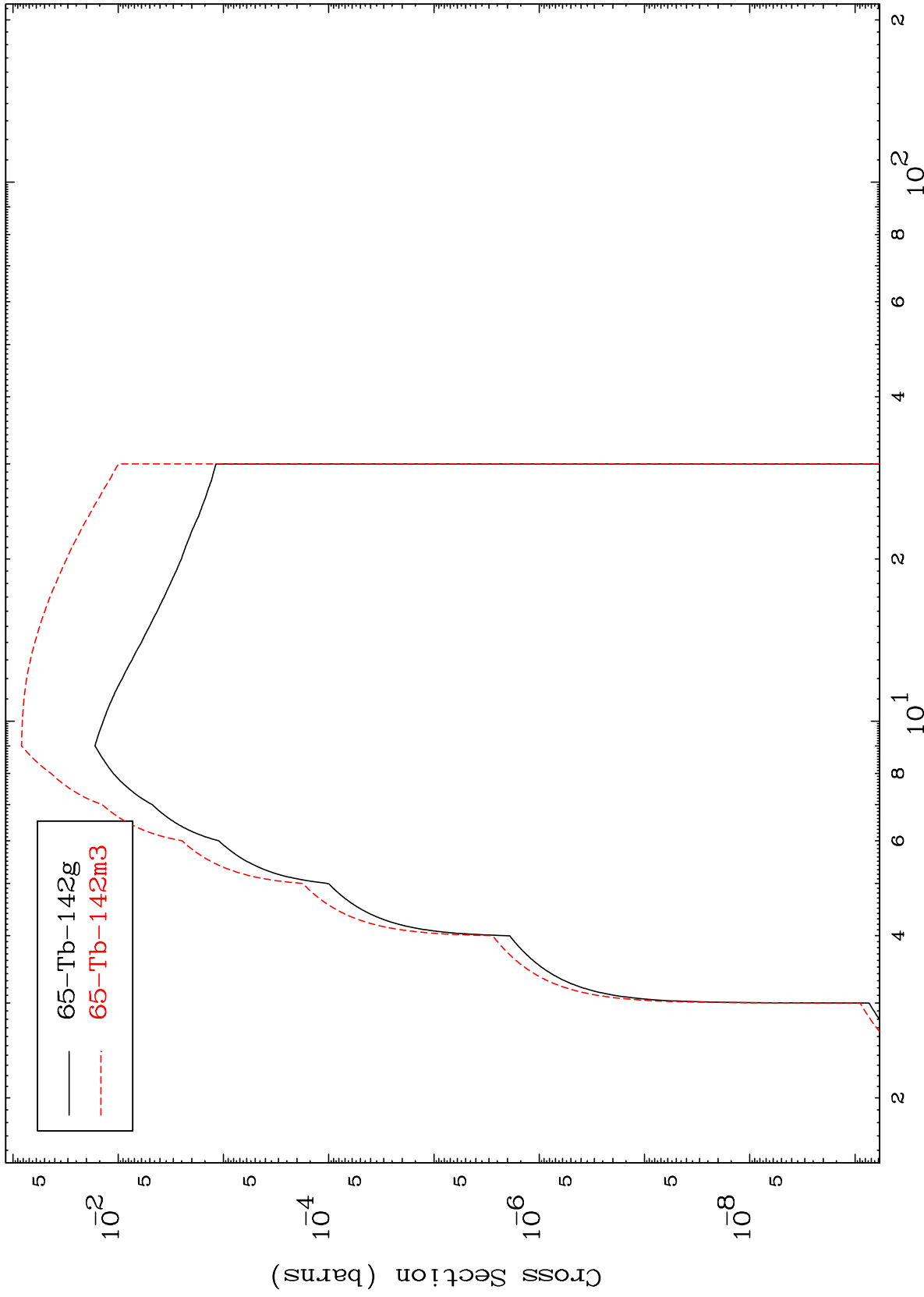


(d, α)

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Deuteron Inelastic
Radionuclide Production Cross Section

64-Gd-141



12

Incident Energy (MeV)

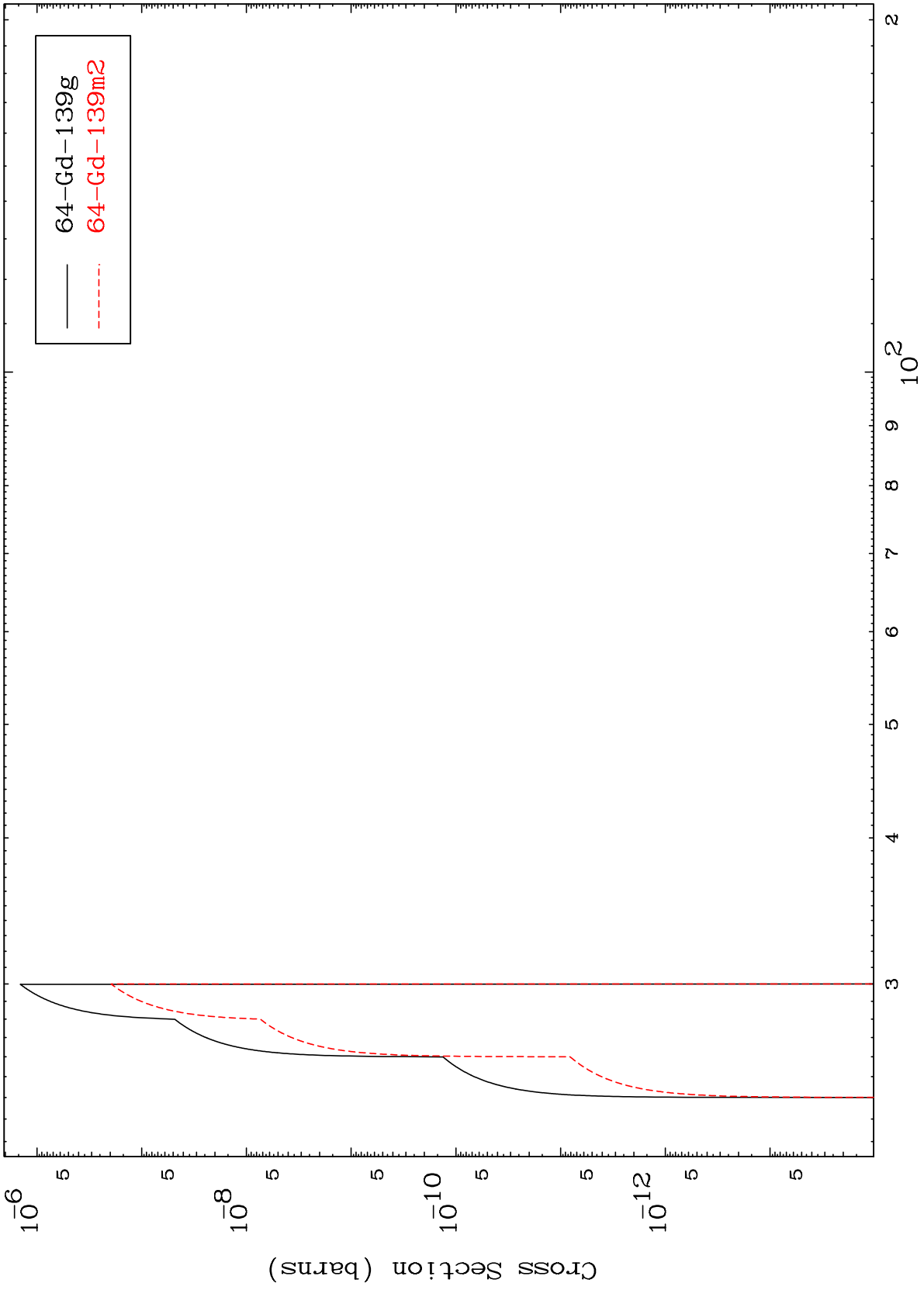
64-Gd-141

MAT 6392

(d,2n) d

64-Gd-141

Radionuclide Production Cross Section



13

Incident Energy (MeV)

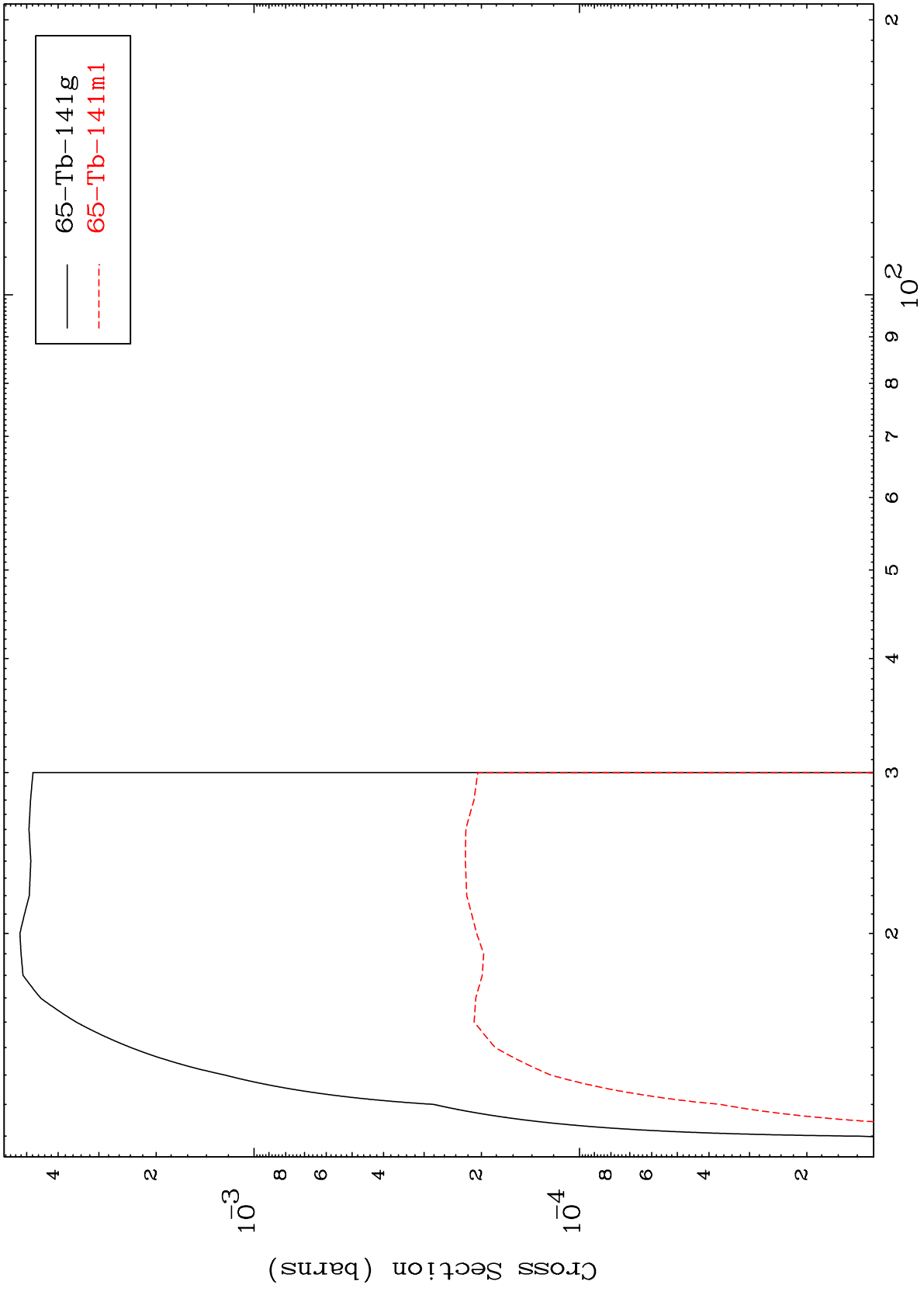
64-Gd-141

MAT 6392

(d,2n)

64-Gd-141

Radionuclide Production Cross Section



14

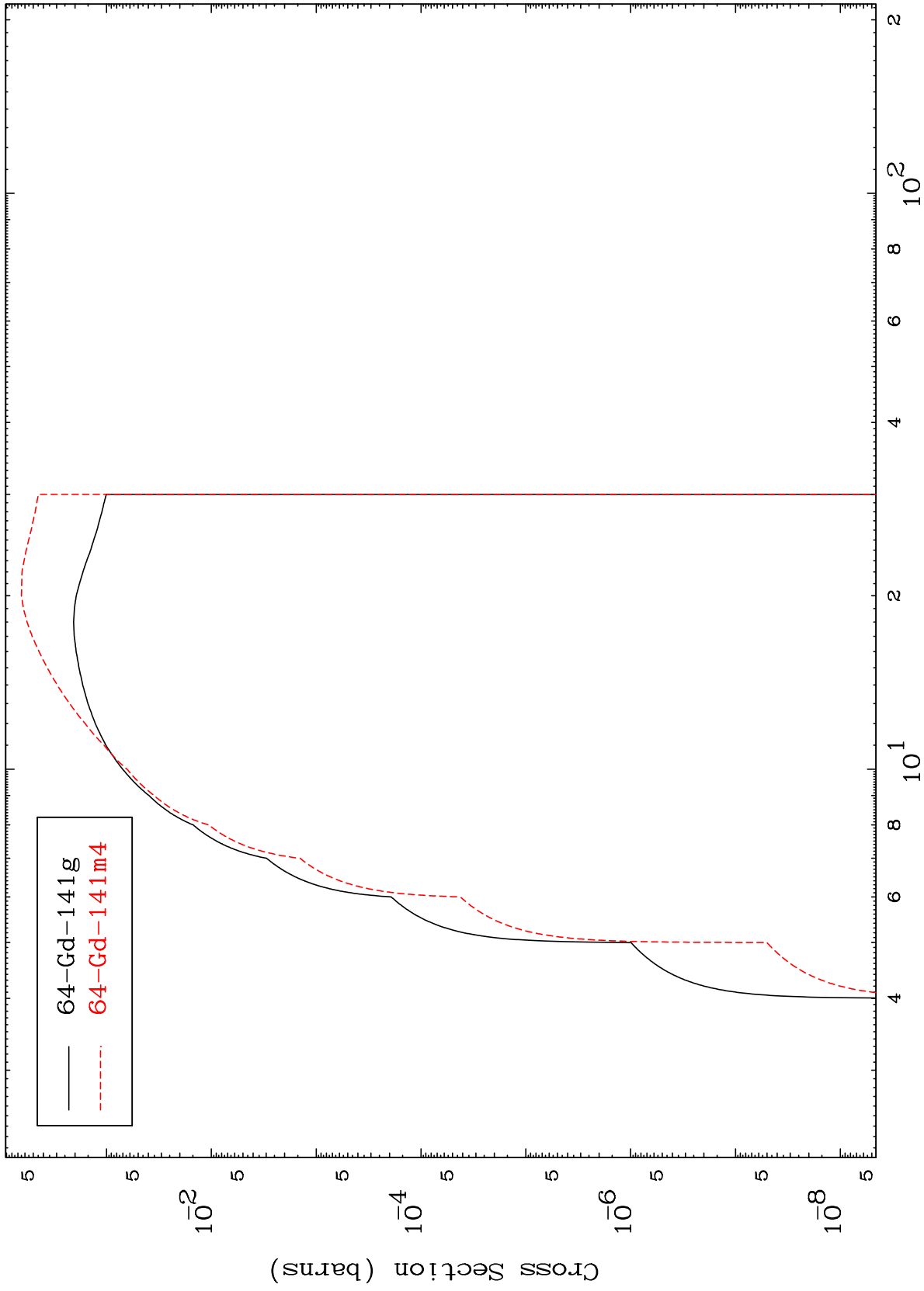
Incident Energy (MeV)

64-Gd-141

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64-Gd-141

(d,n') p
Radionuclide Production Cross Section



15

64-Gd-141

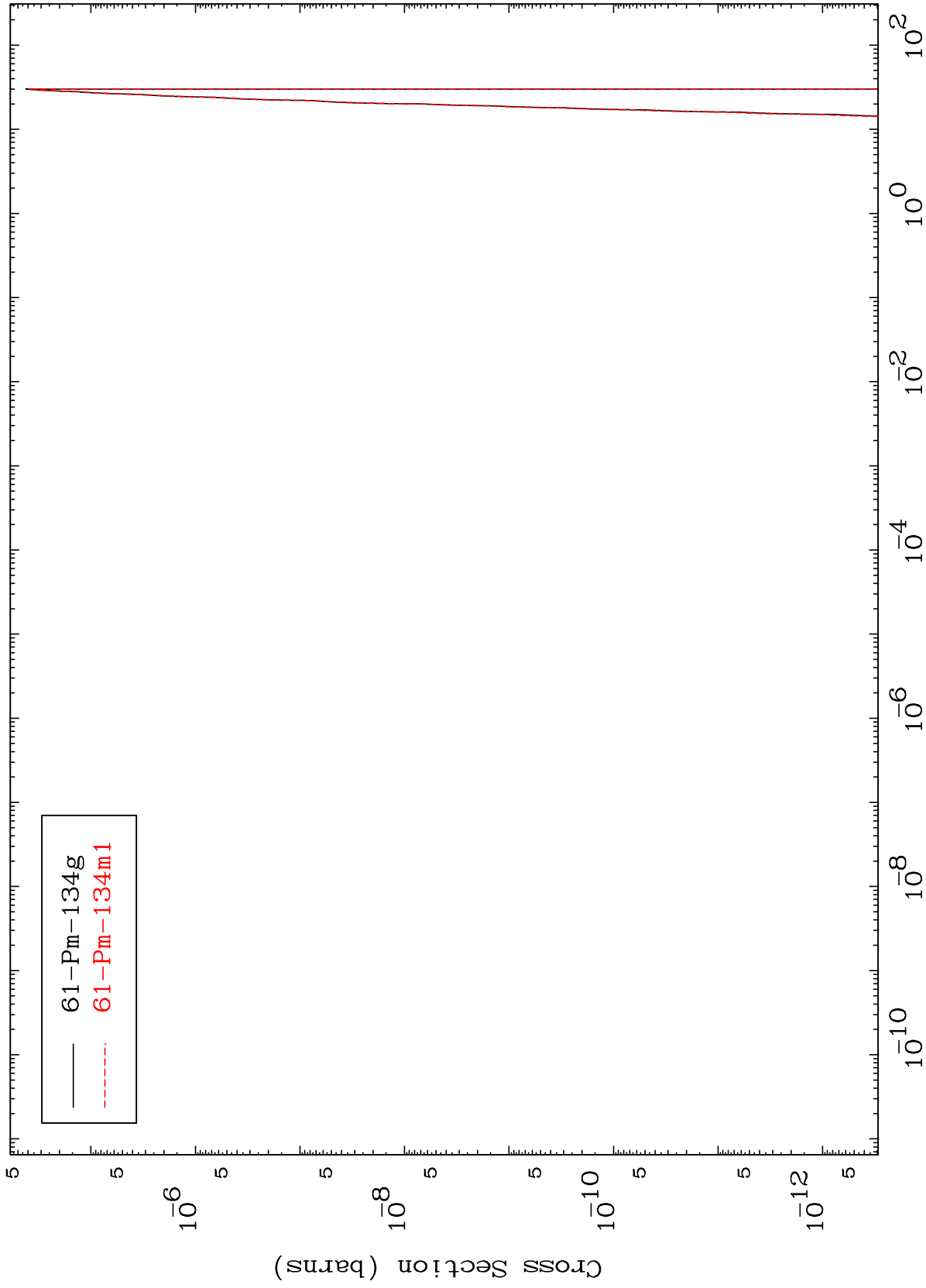
64-Gd-141

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(d,n') 2 α

64-Gd-141

Radionuclide Production Cross Section



16

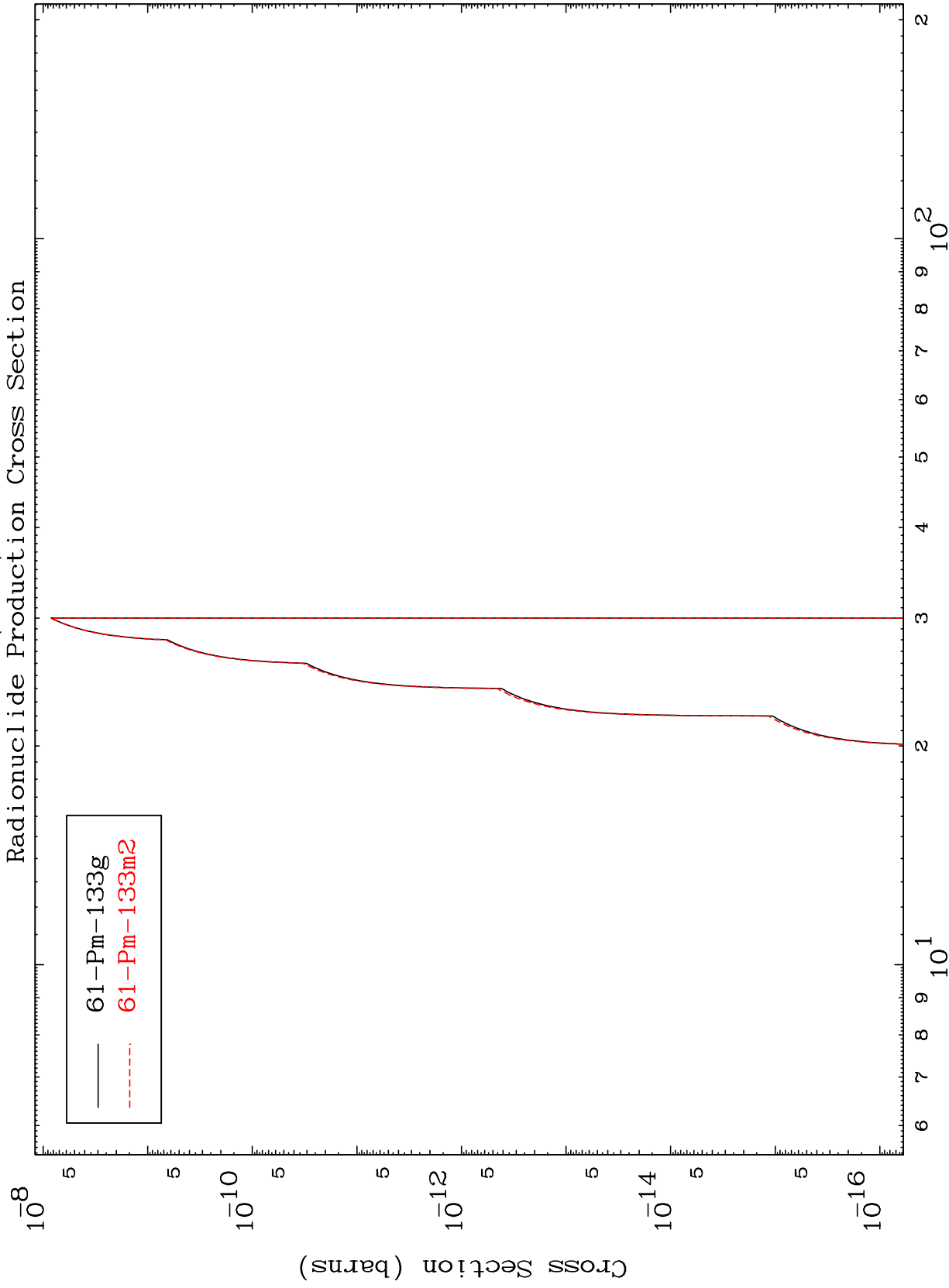
Incident Energy (MeV)

64-Gd-141

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(d,2n) 2 α

64-Gd-141



17

Incident Energy (MeV)

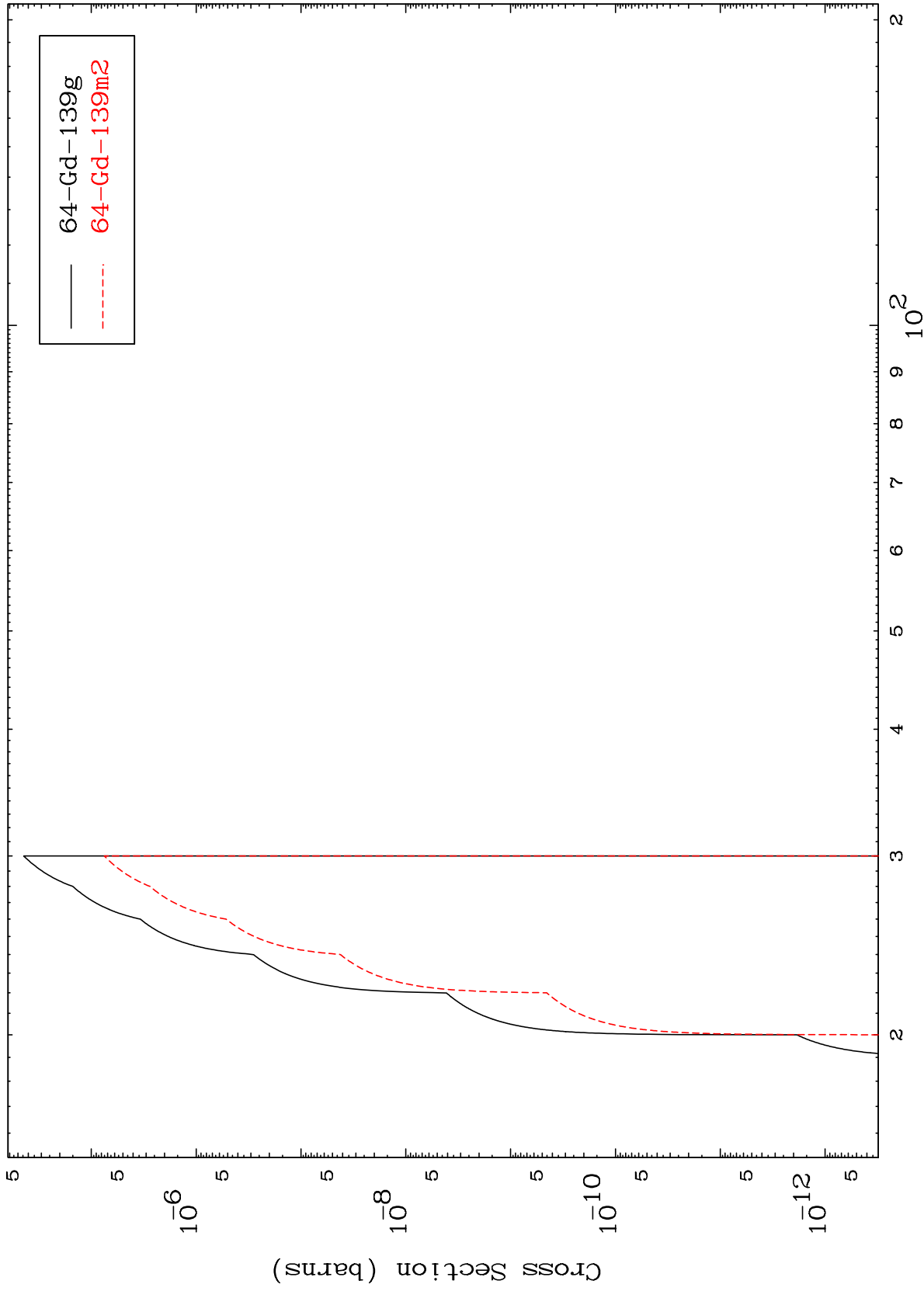
64-Gd-141

MAT 6392

(d,n') t

64-Gd-141

Radionuclide Production Cross Section



18

Incident Energy (MeV)

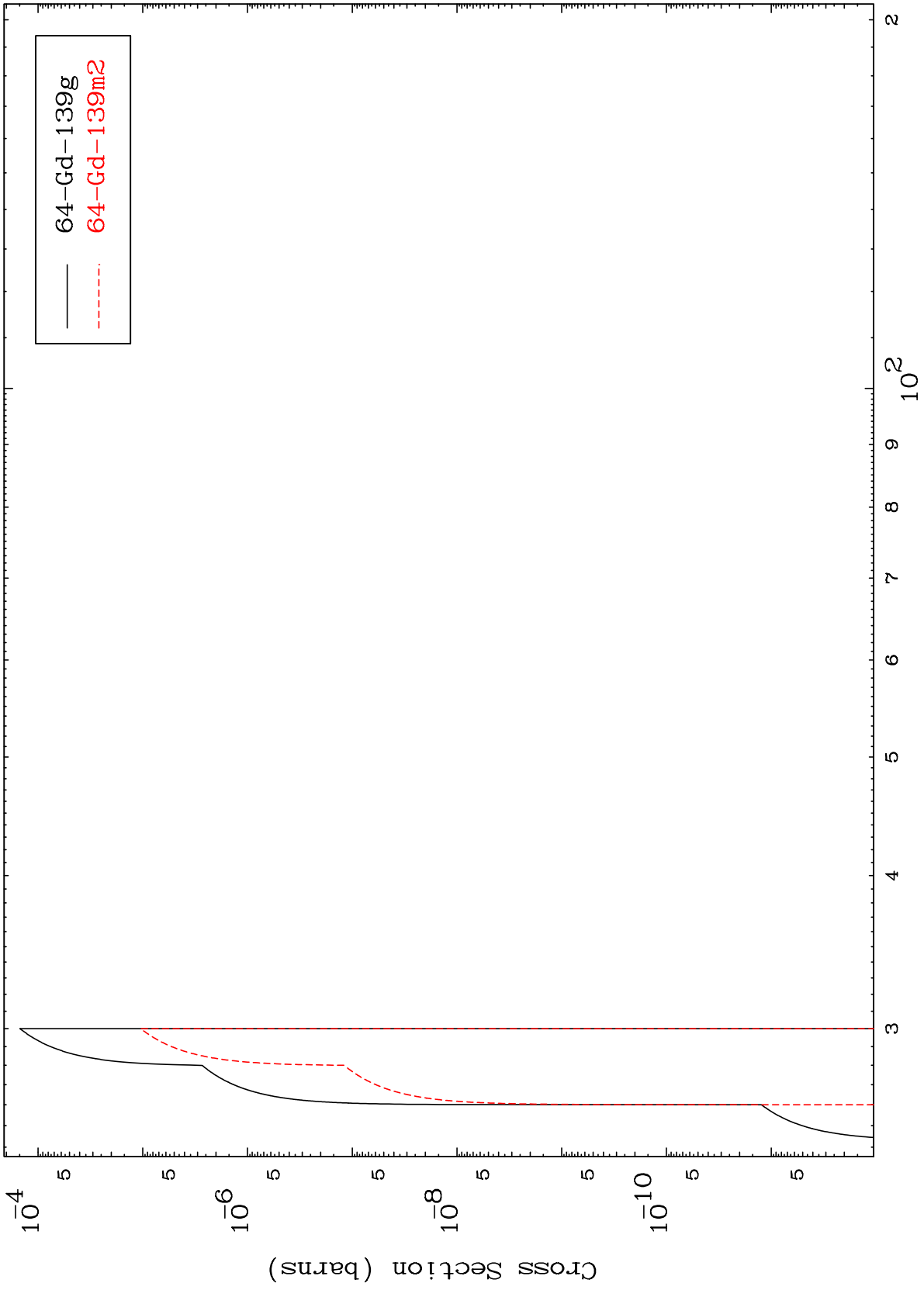
64-Gd-141

MAT 6392

(d,3n) p

64-Gd-141

Radionuclide Production Cross Section



19

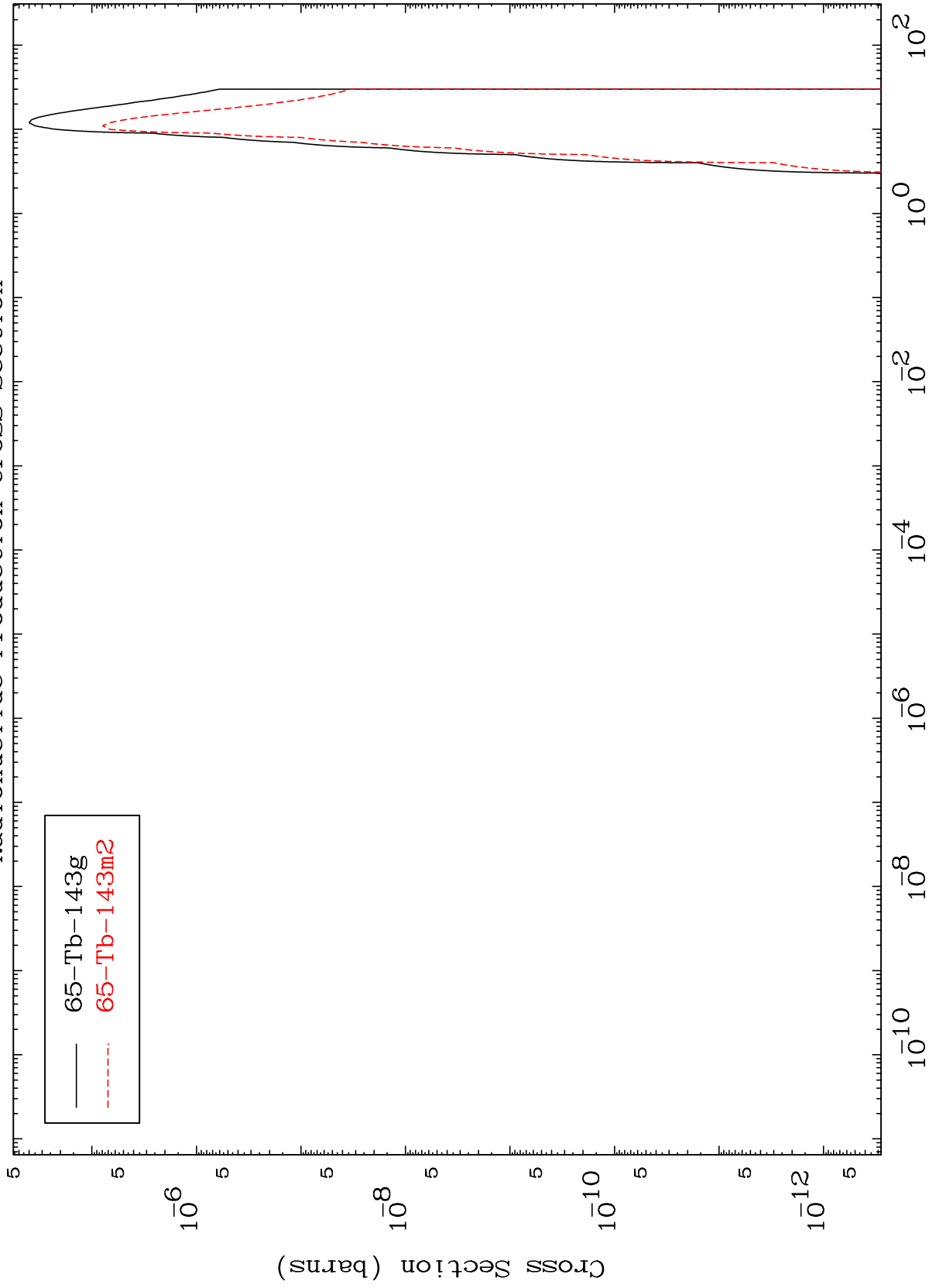
Incident Energy (MeV)

64-Gd-141

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(d, γ)
Radionuclide Production Cross Section

64-Gd-141



20

Incident Energy (MeV)

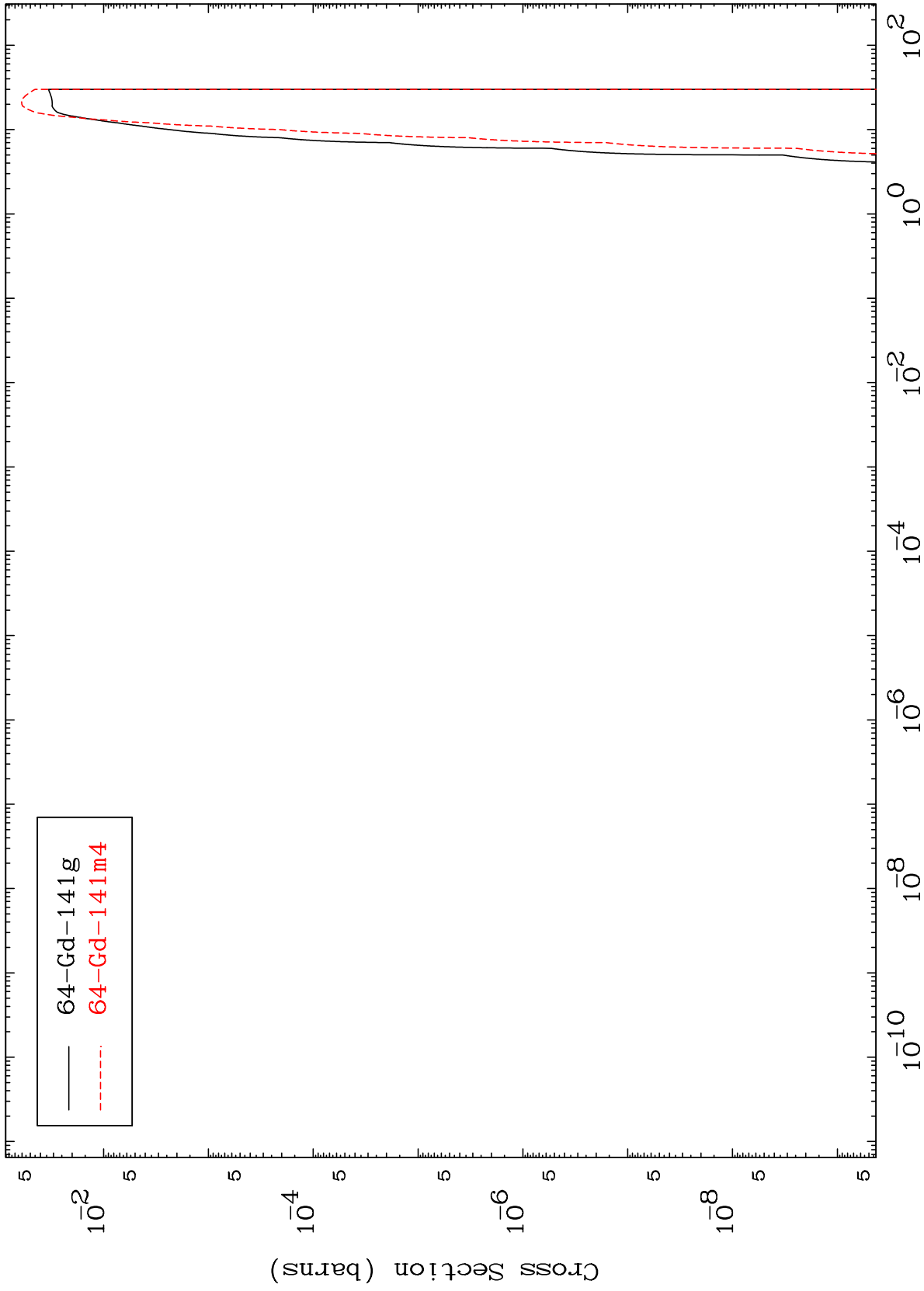
64-Gd-141

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(d,d)

64-Gd-141

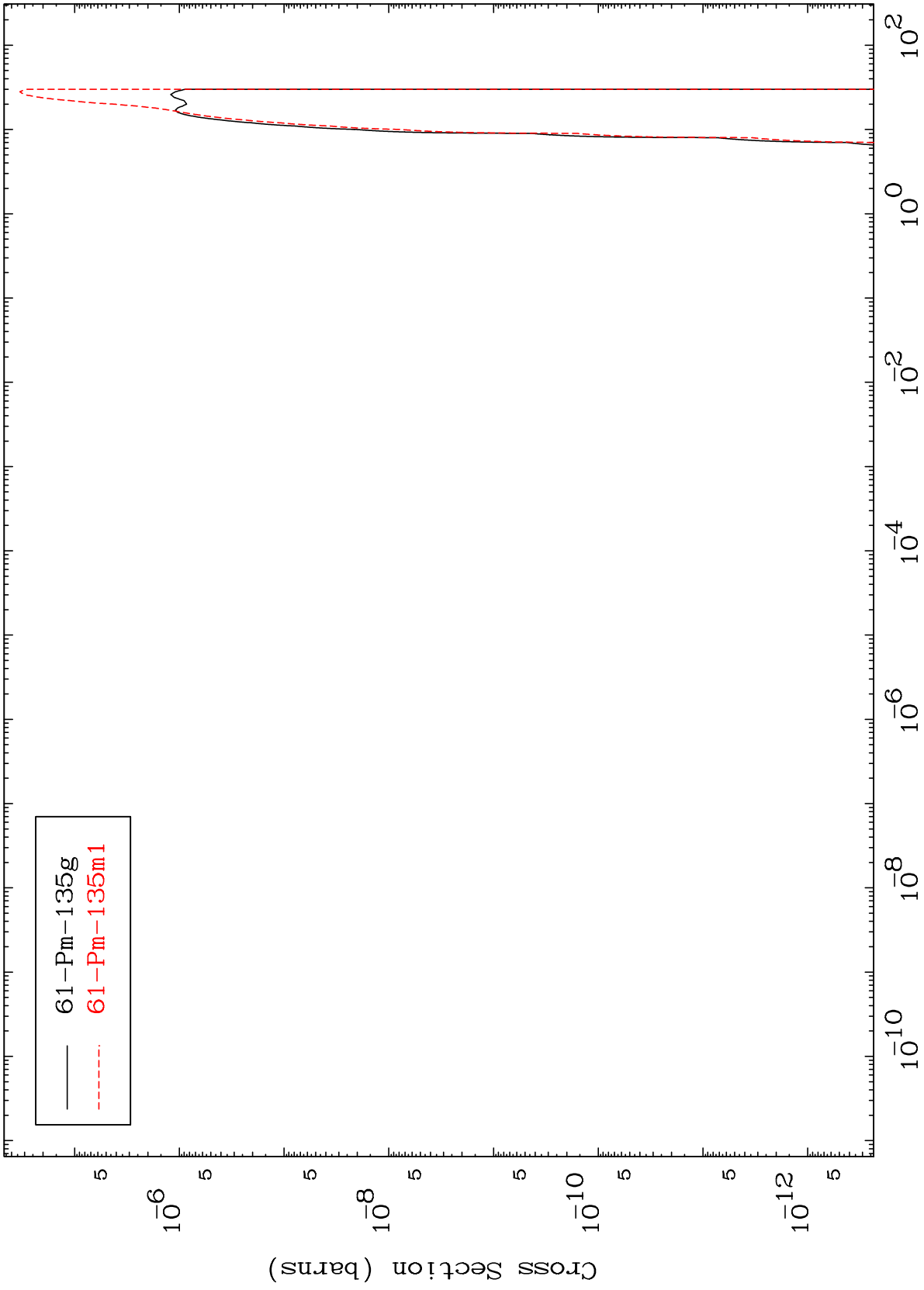
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(d,2 α)

64-Gd-141



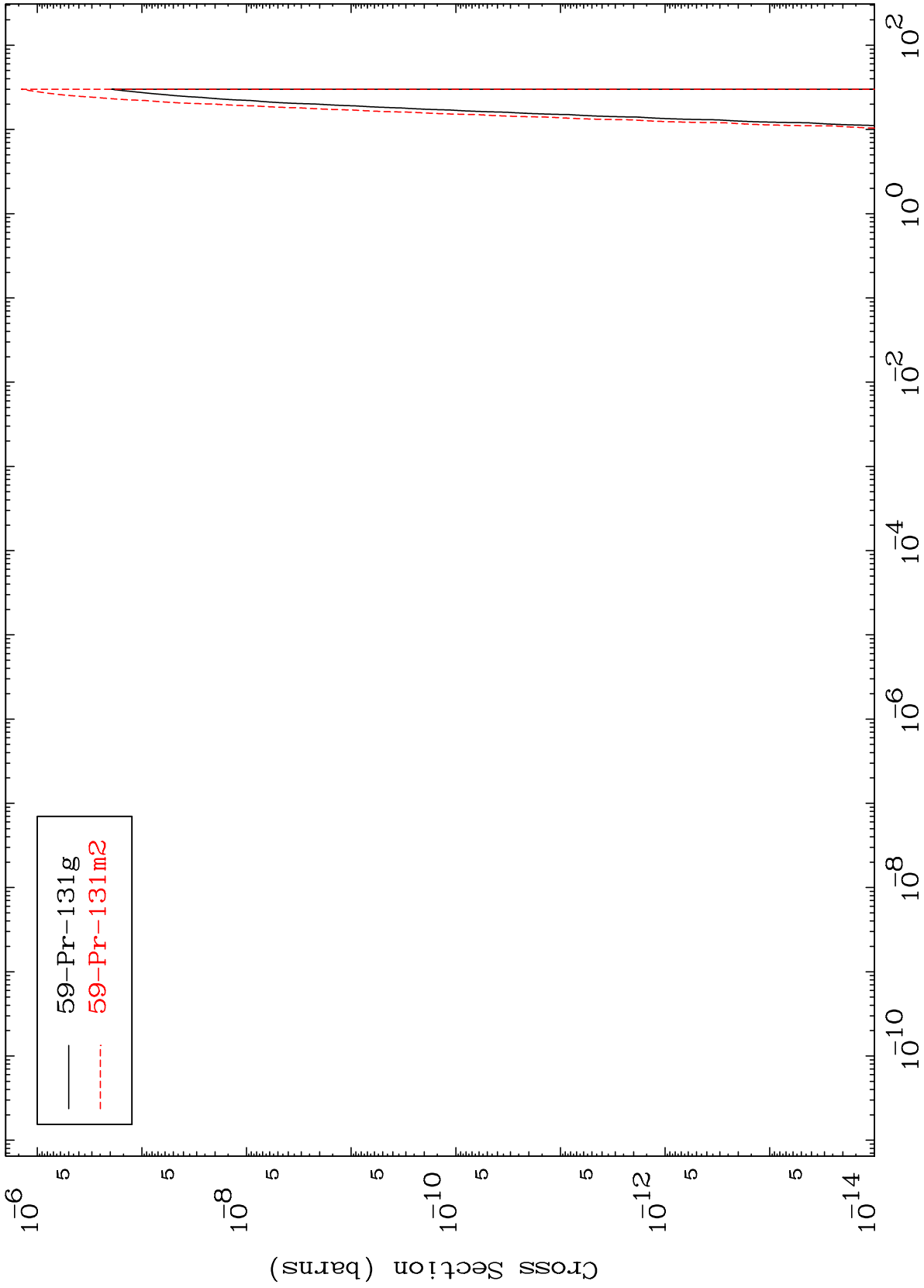
64-Gd-141

MAT 6392

(d,3α)

64-Gd-141

Radionuclide Production Cross Section



23

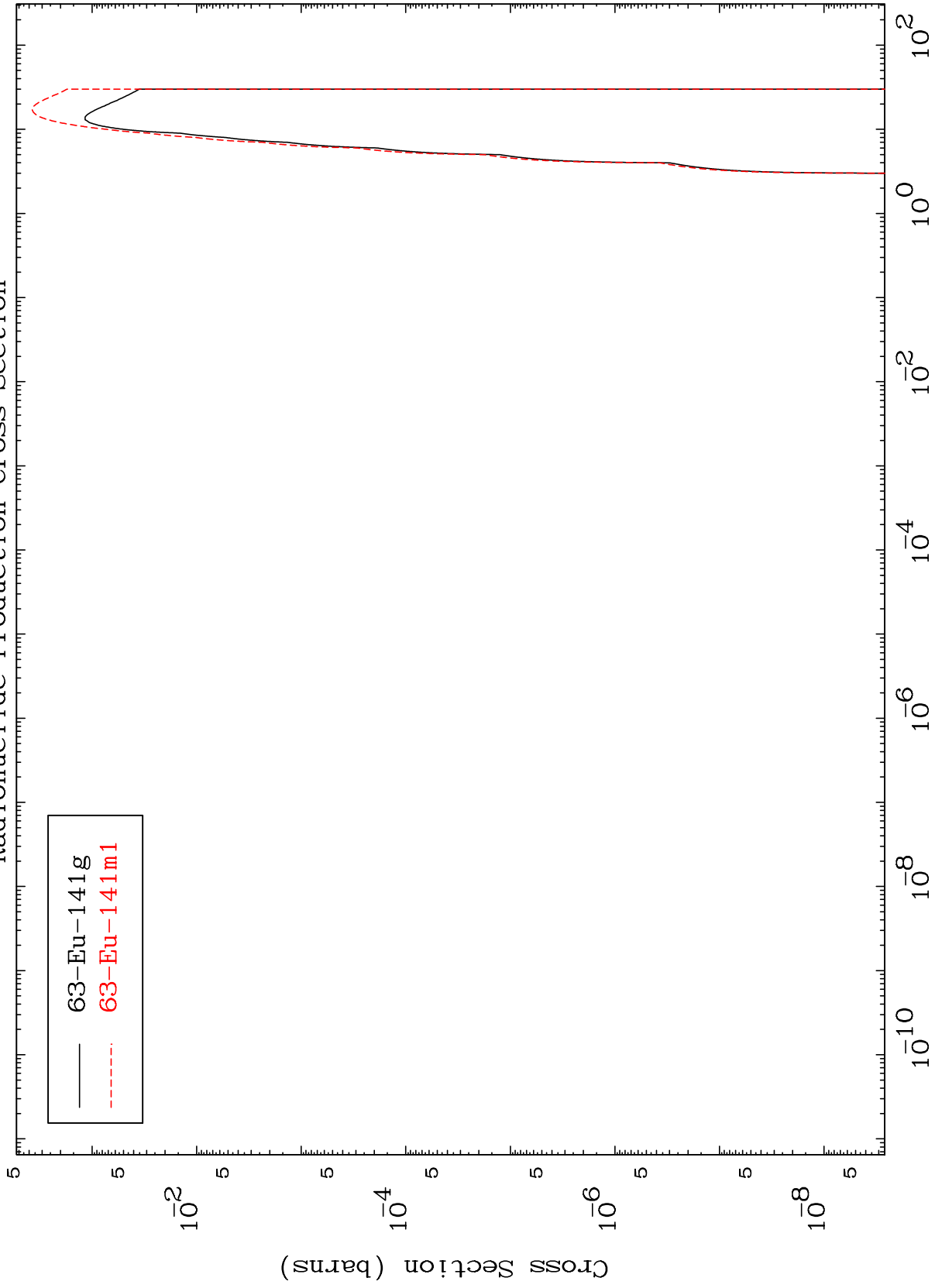
Incident Energy (MeV)

64-Gd-141

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Radionuclide Production Cross Section
(d,2p)

64-Gd-141



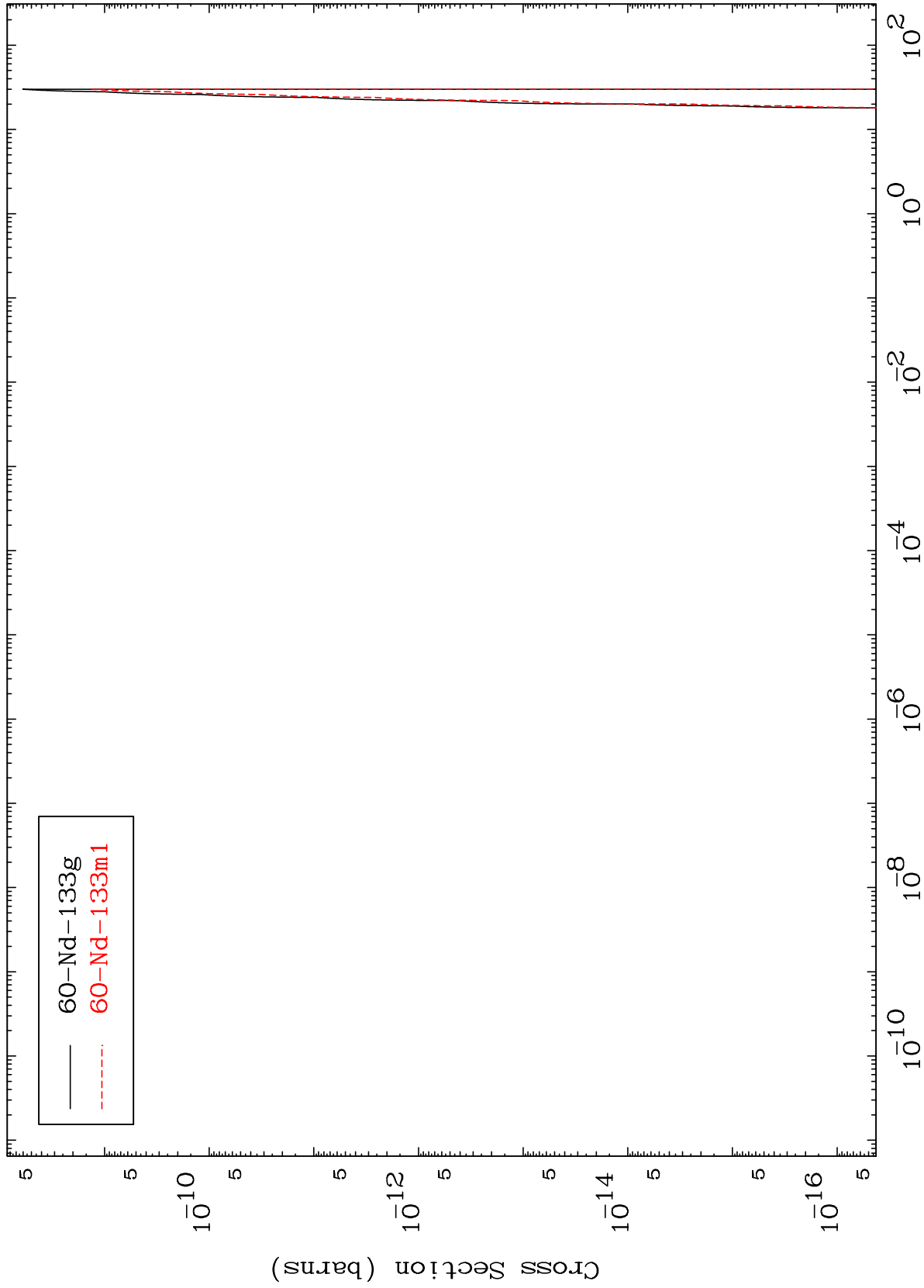
64-Gd-141

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(d,d) 2α

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

Radionuclide Production Cross Section



25

Incident Energy (MeV)

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