

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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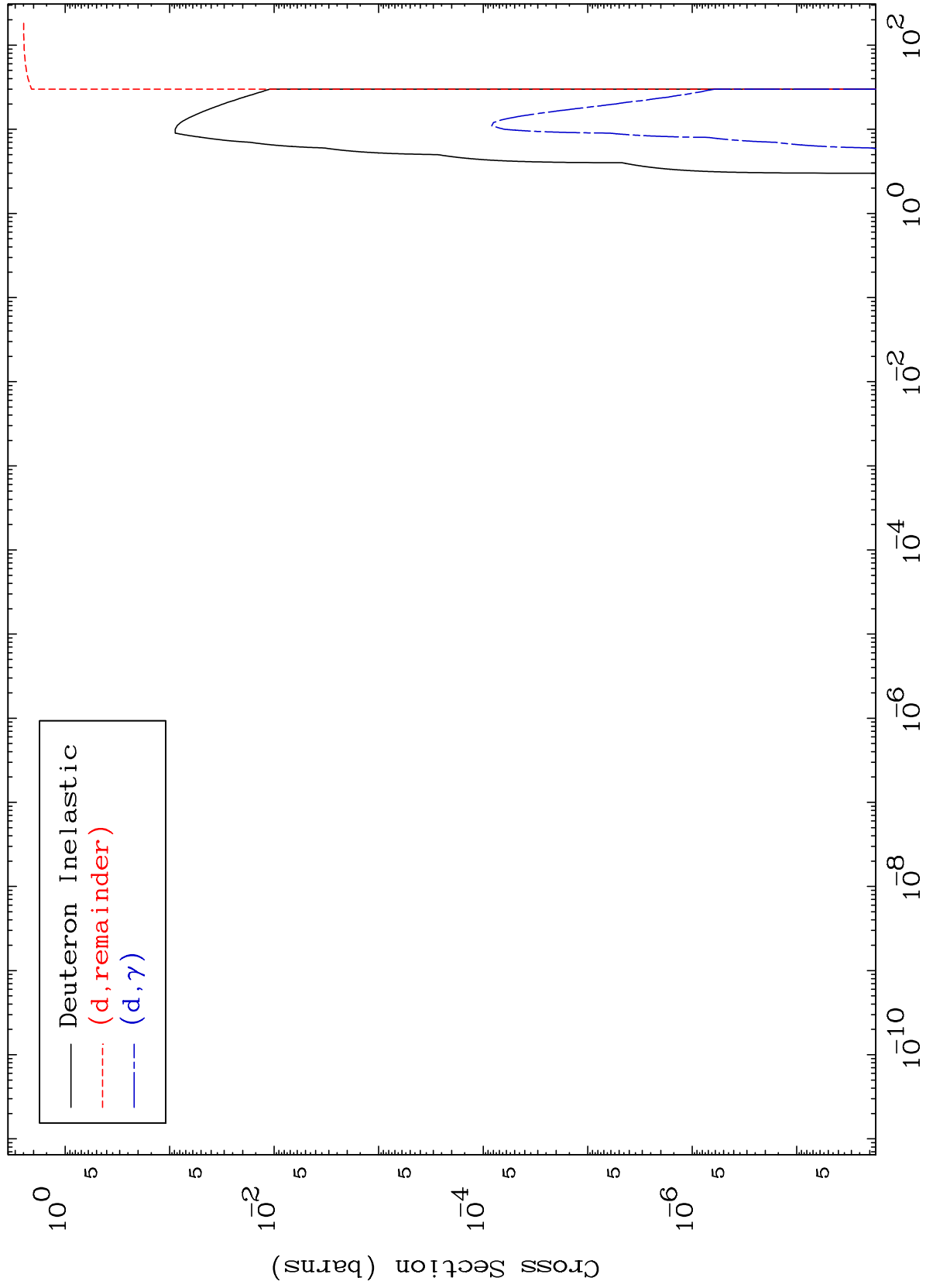
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6393

Deuteron Major  
0 Kelvin Cross Sections

64-Gd-141



1

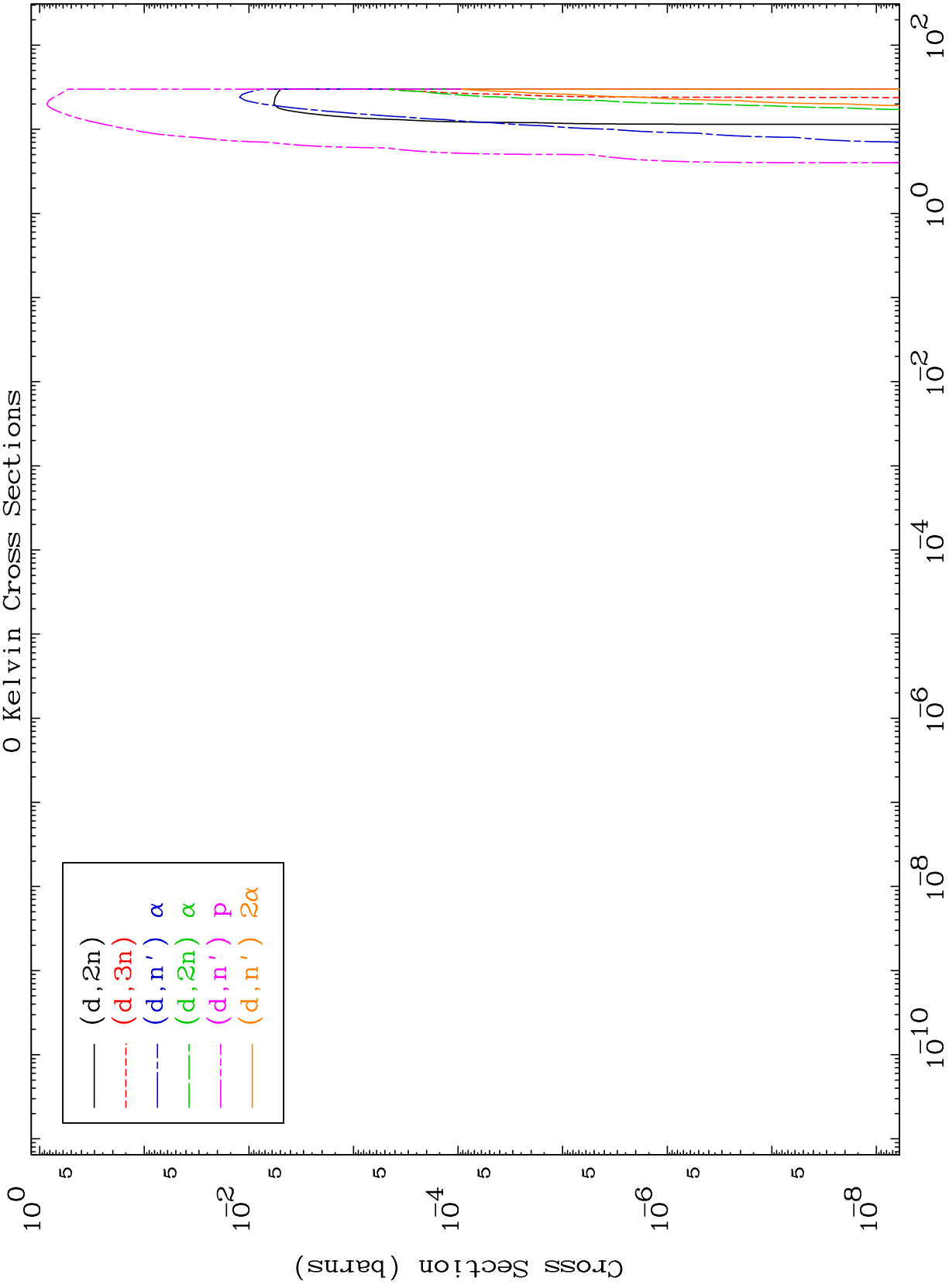
Incident Energy (MeV)

64-Gd-141

MAT 6393

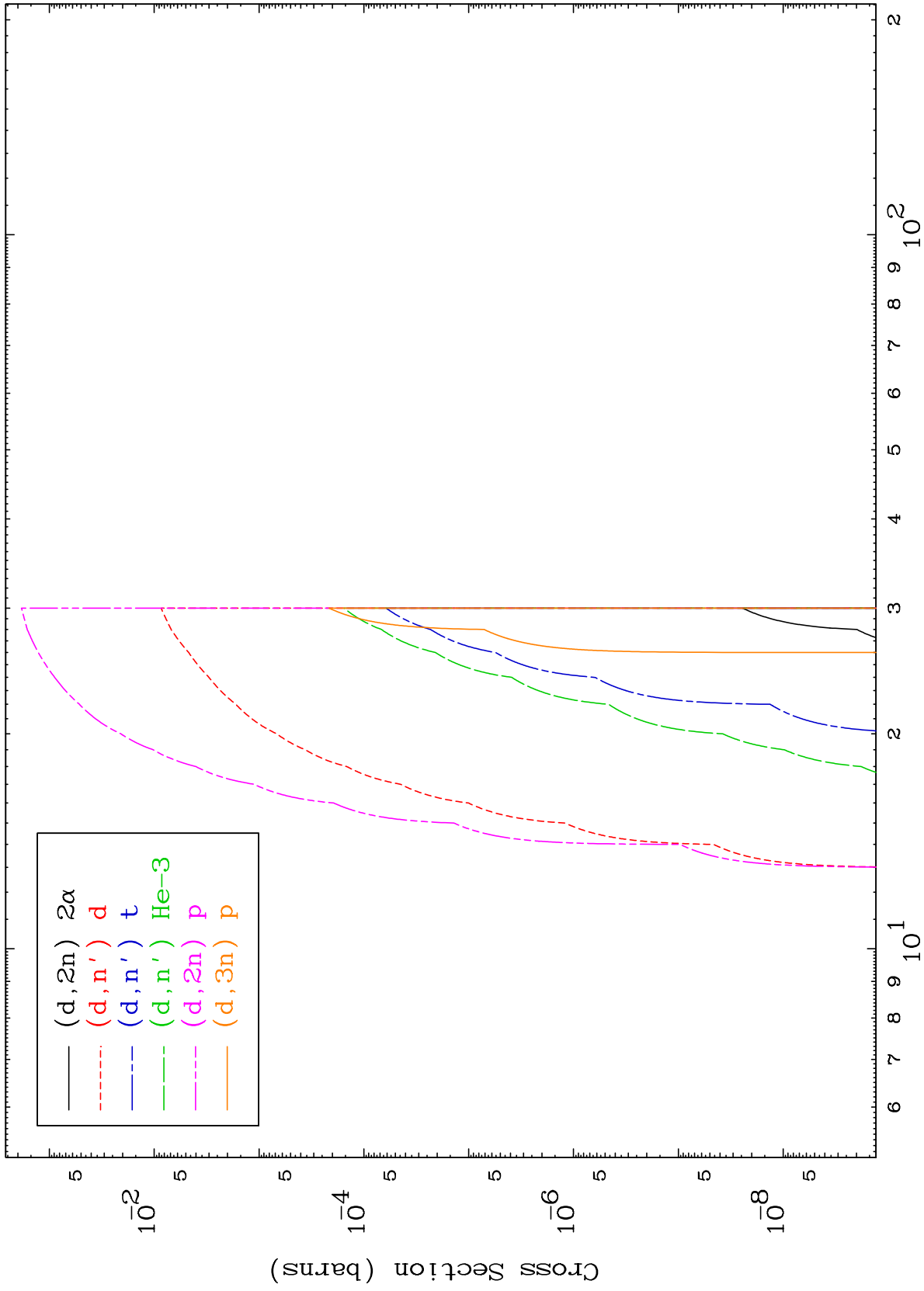
Deuteron Neutron Production  
0 Kelvin Cross Sections

64-Gd-141



2

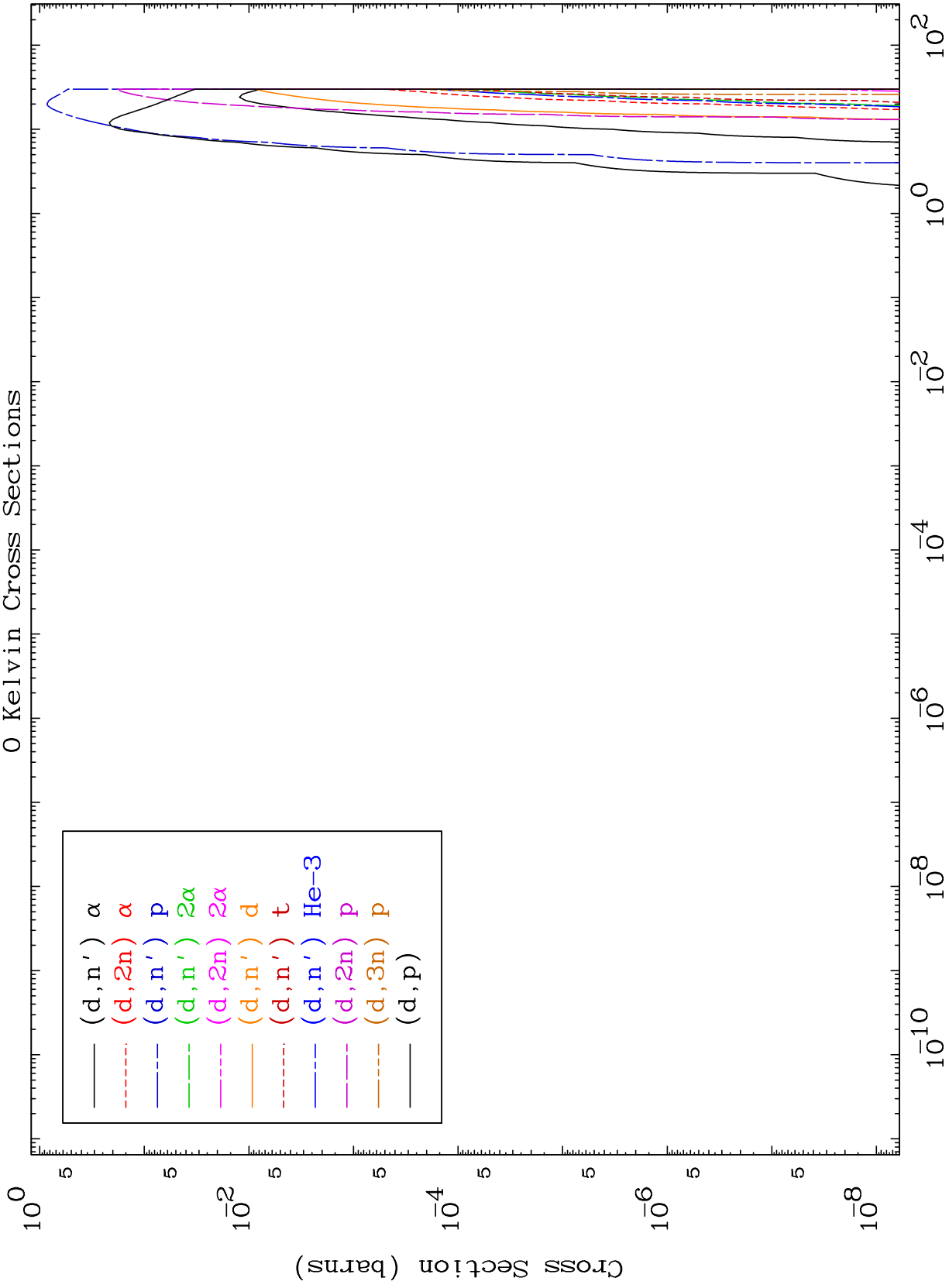
64-Gd-141



MAT 6393

Deuteron Charged Particle  
0 Kelvin Cross Sections

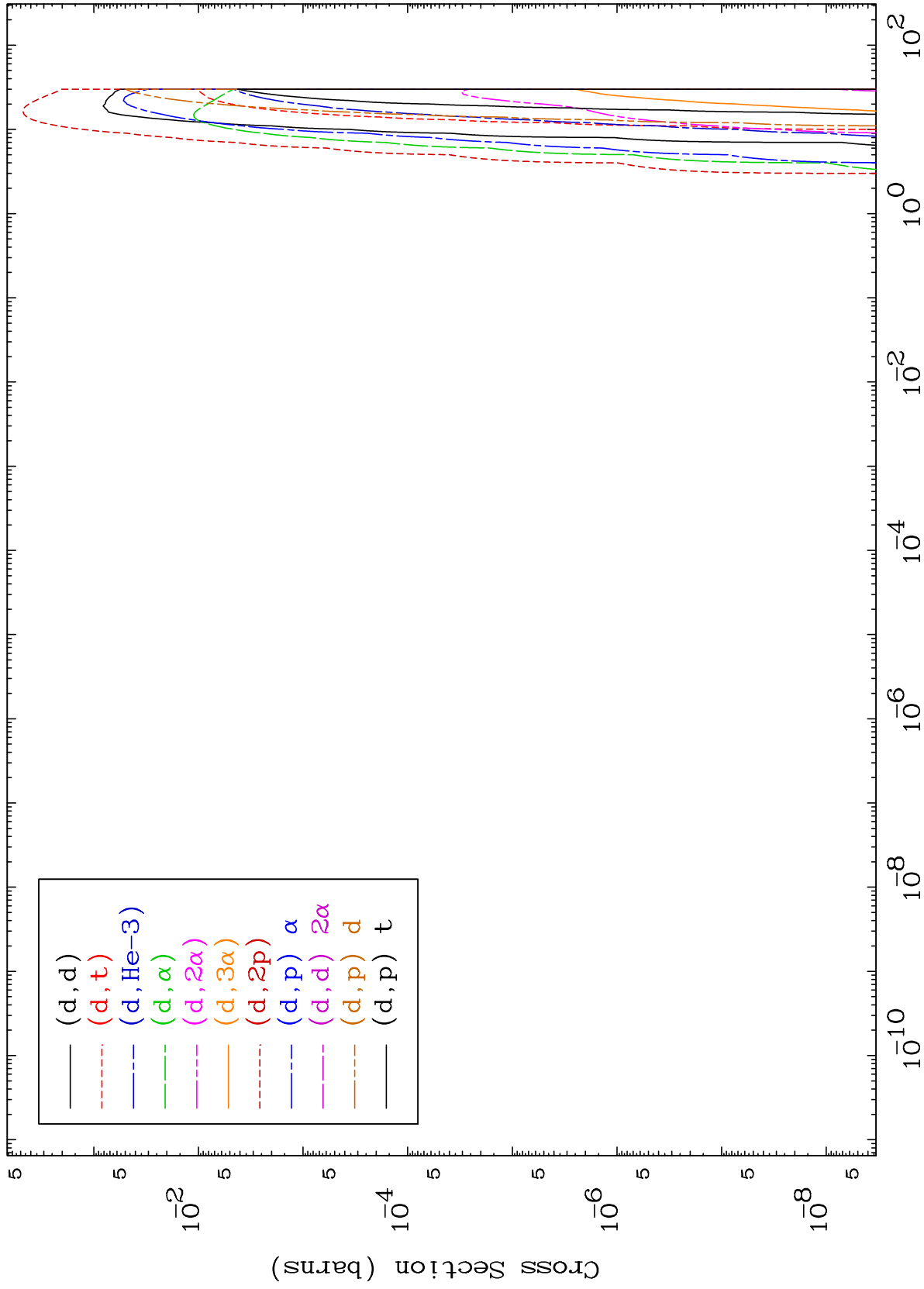
64-Gd-141



MAT 6393

Deuteron Charged Particle  
0 Kelvin Cross Sections

64-Gd-141



5

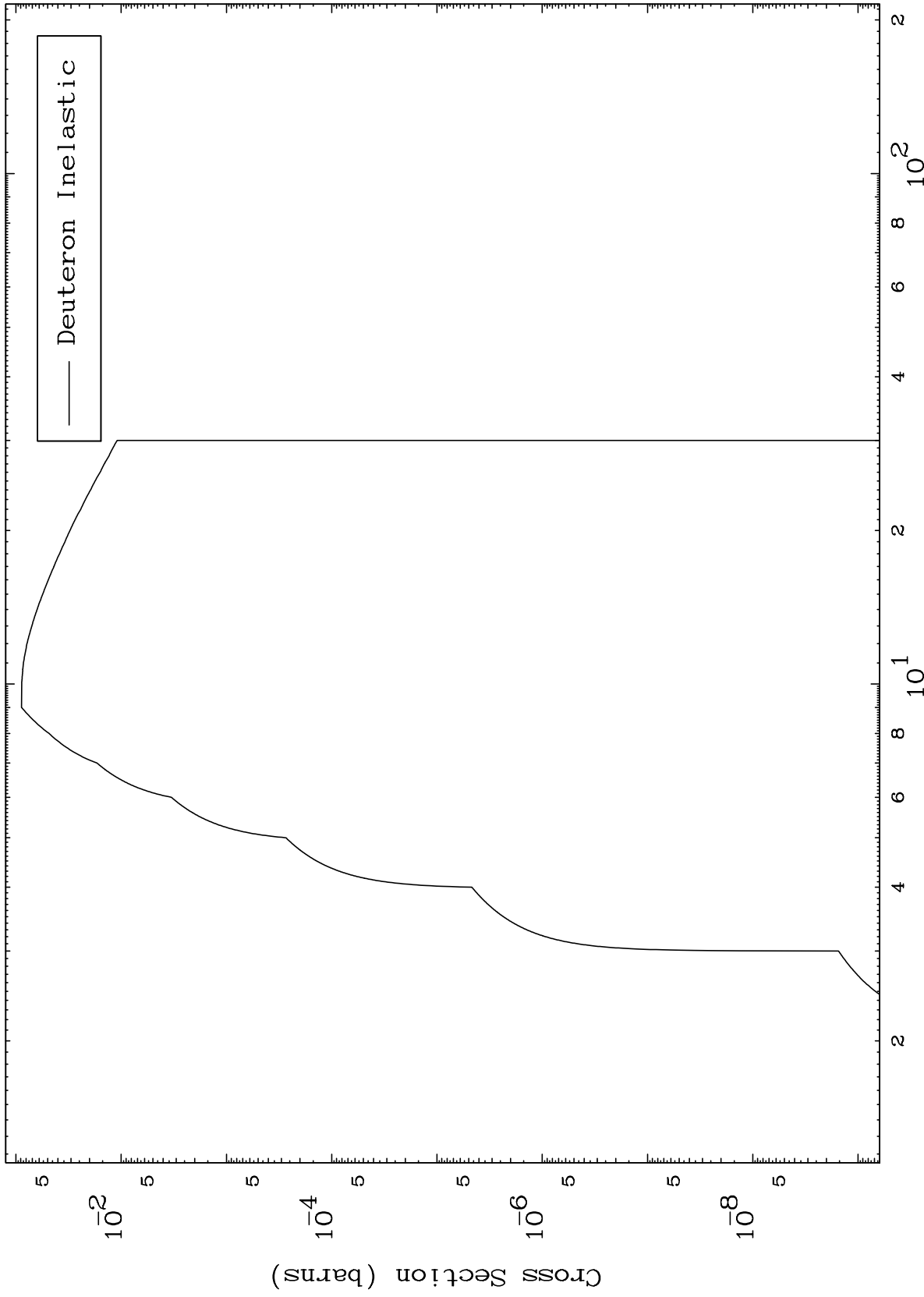
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

(d,n') Level  
0 Kelvin Cross Sections



6

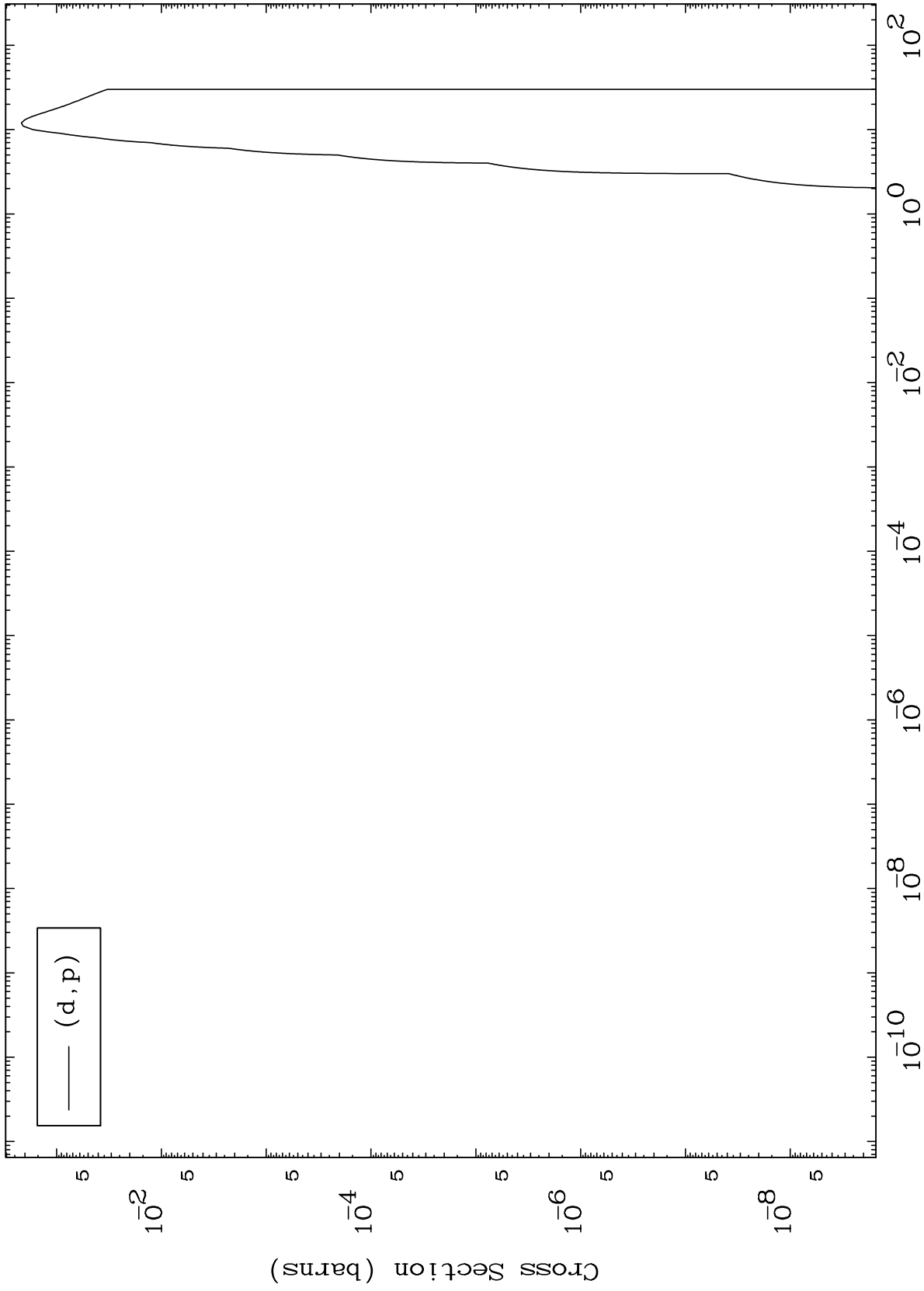
Incident Energy (MeV)

64-Gd-141

MAT 6393

(d,p) Levels  
0 Kelvin Cross Sections

64-Gd-141

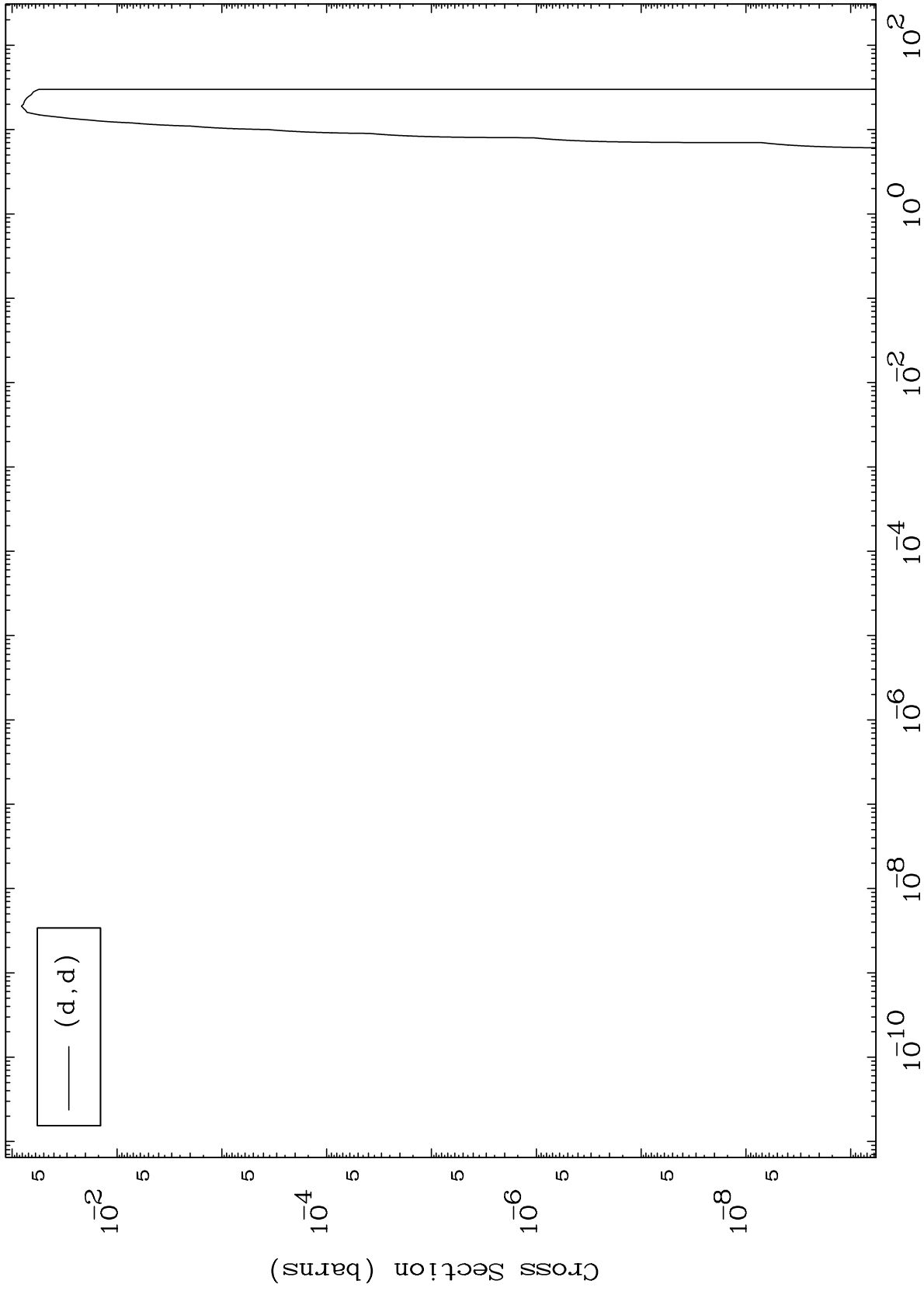




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(d,d) Levels  
0 Kelvin Cross Sections

64-Gd-141



8

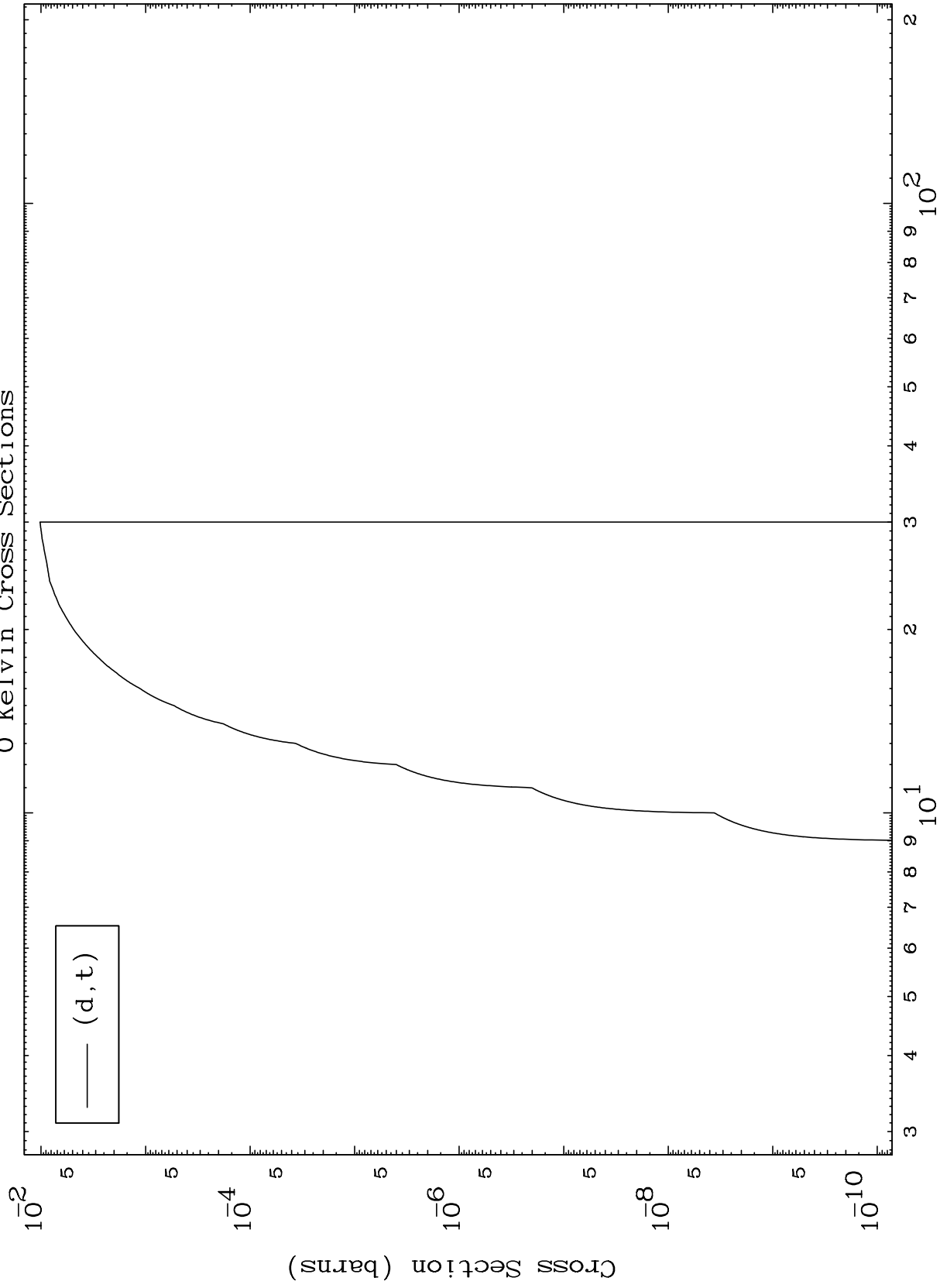
Incident Energy (MeV)

64-Gd-141

MAT 6393

(d,t) Levels  
0 Kelvin Cross Sections

64-Gd-141



9

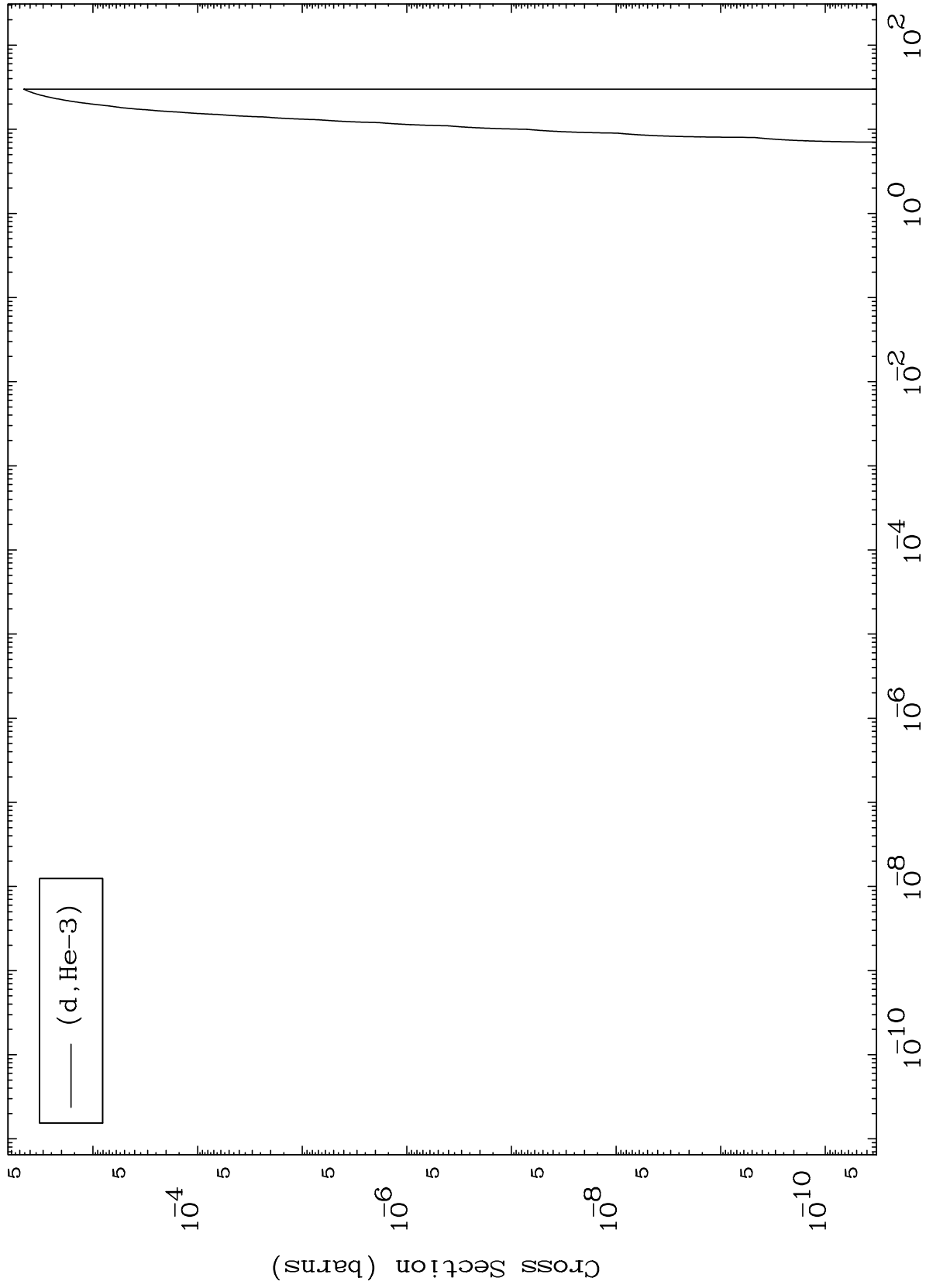
Incident Energy (MeV)

64-Gd-141

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(d,He3) Levels  
0 Kelvin Cross Sections

64-Gd-141



10

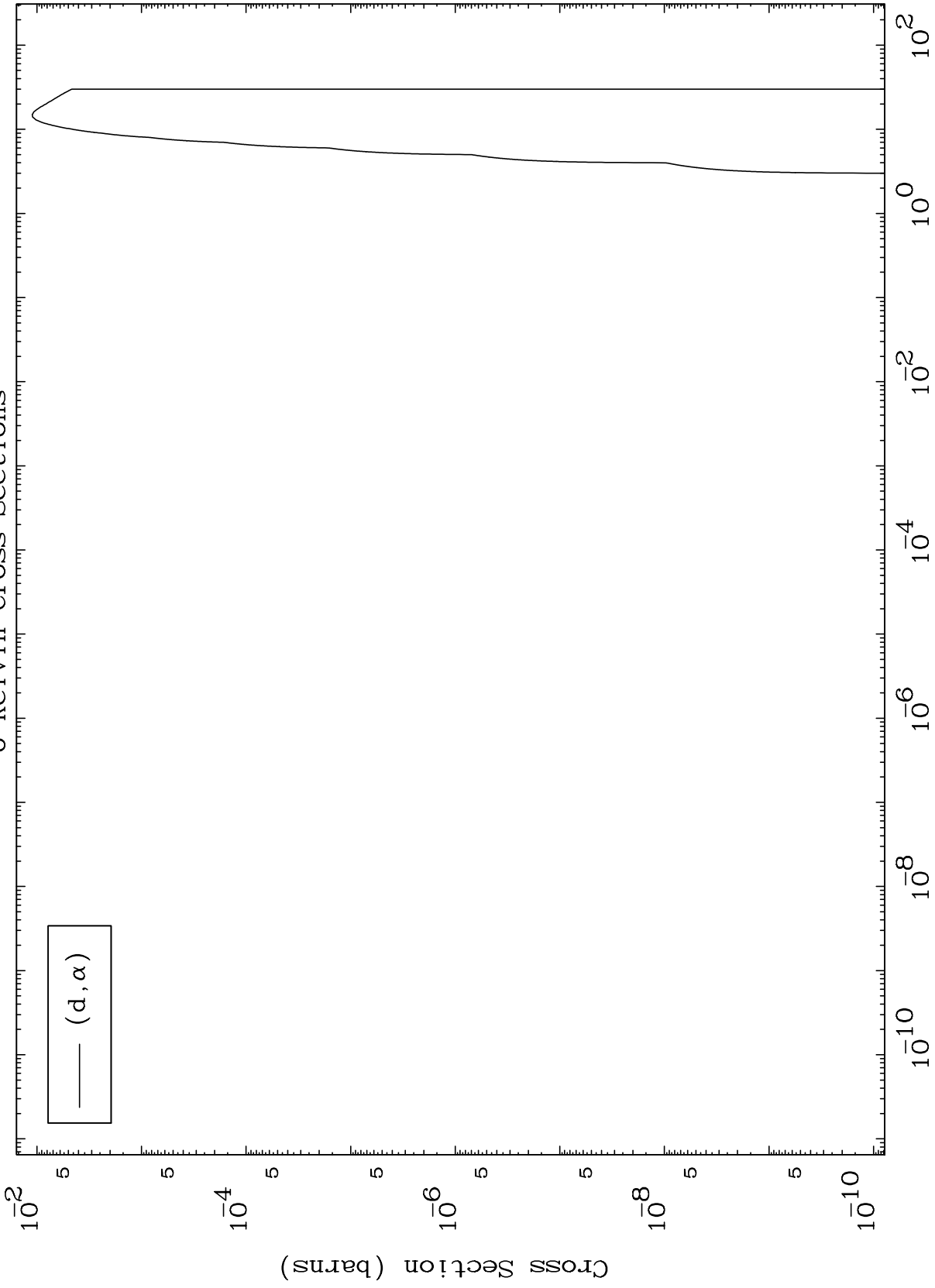
Incident Energy (MeV)

64-Gd-141

MAT 6393

(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections

64-Gd-141



11

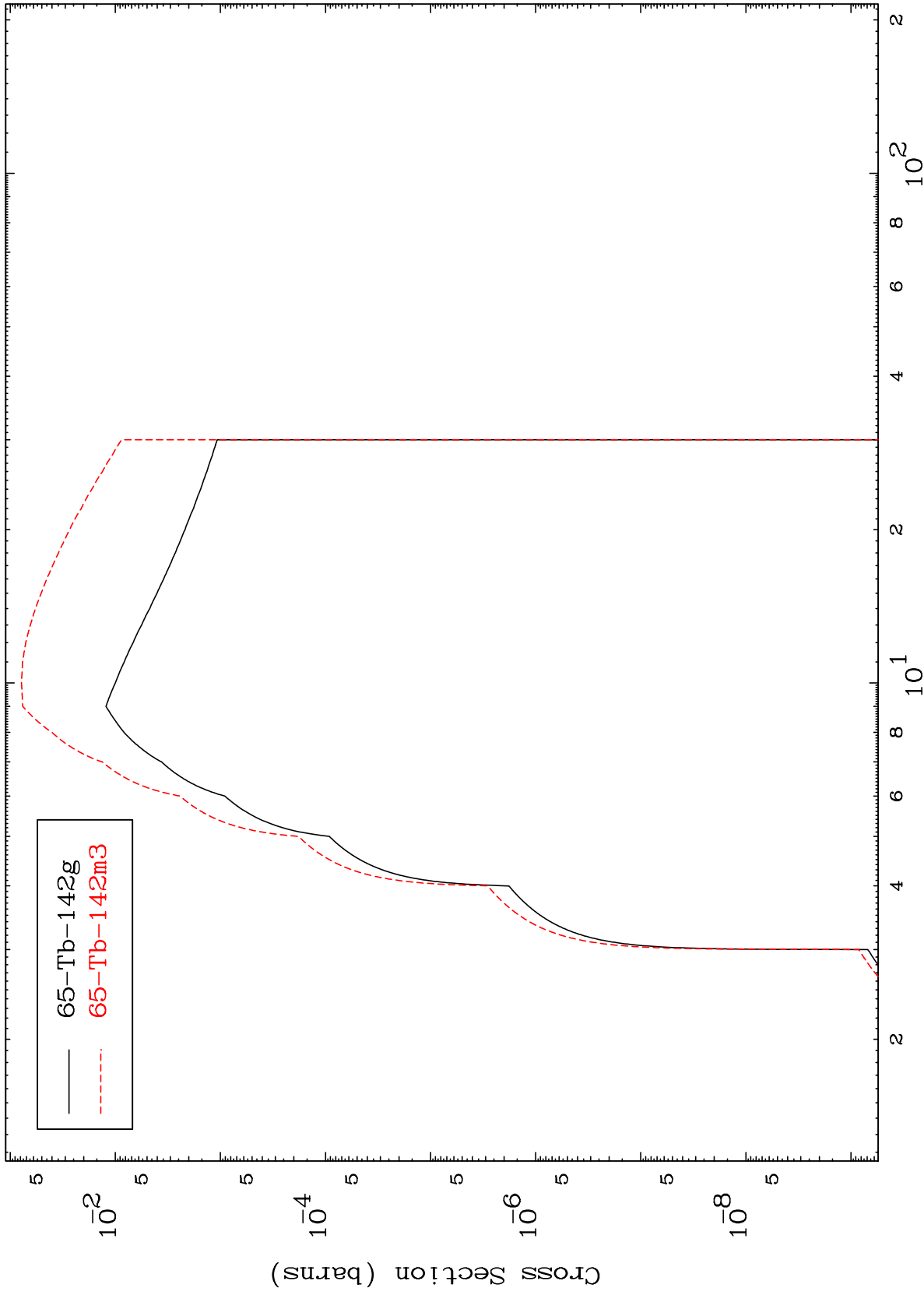
Incident Energy (MeV)

64-Gd-141

MAT 6393

Deuteron Inelastic  
Radionuclide Production Cross Section

64-Gd-141



12

Incident Energy (MeV)

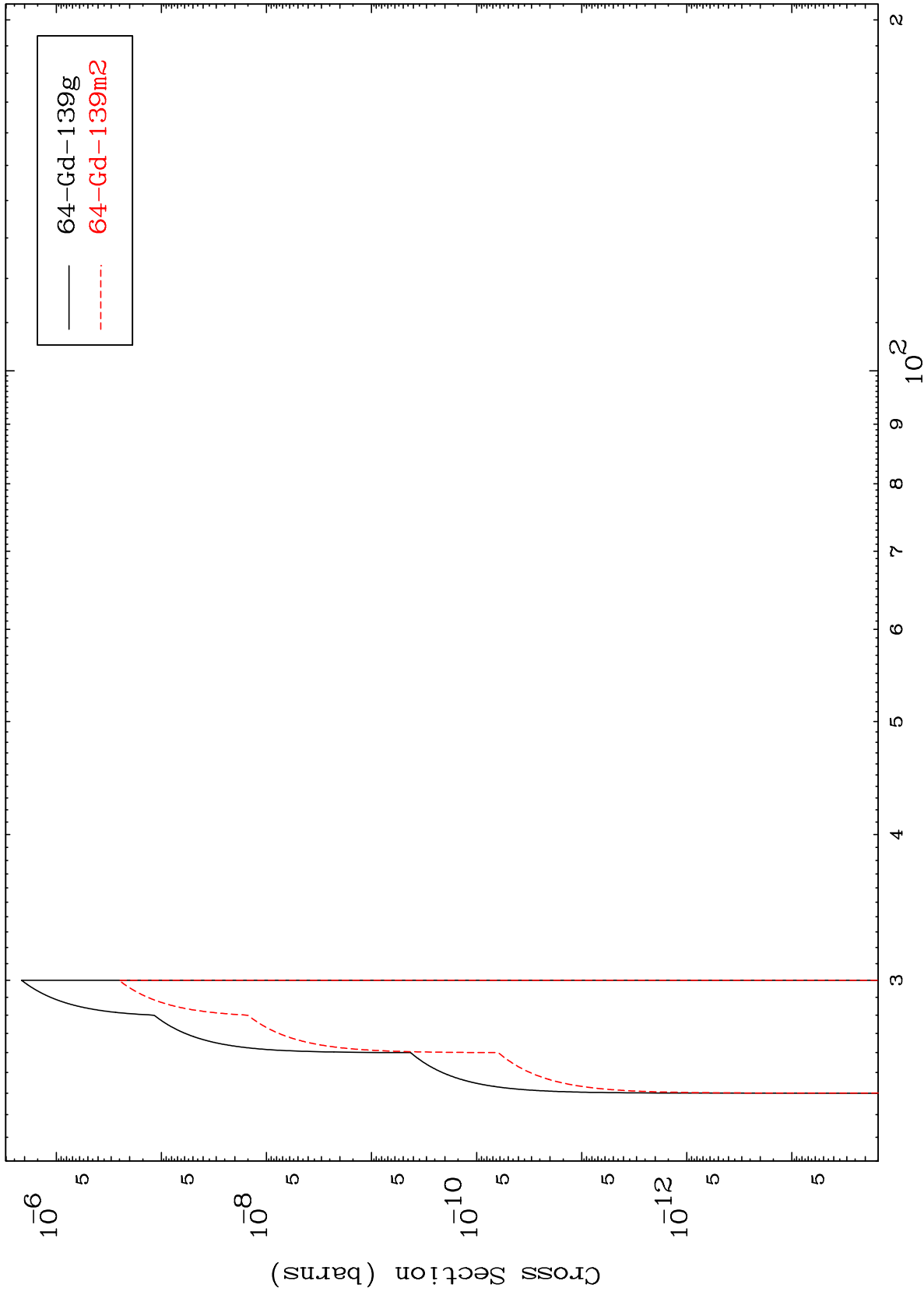
64-Gd-141

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(d,2n) d

64-Gd-141

Radionuclide Production Cross Section



13

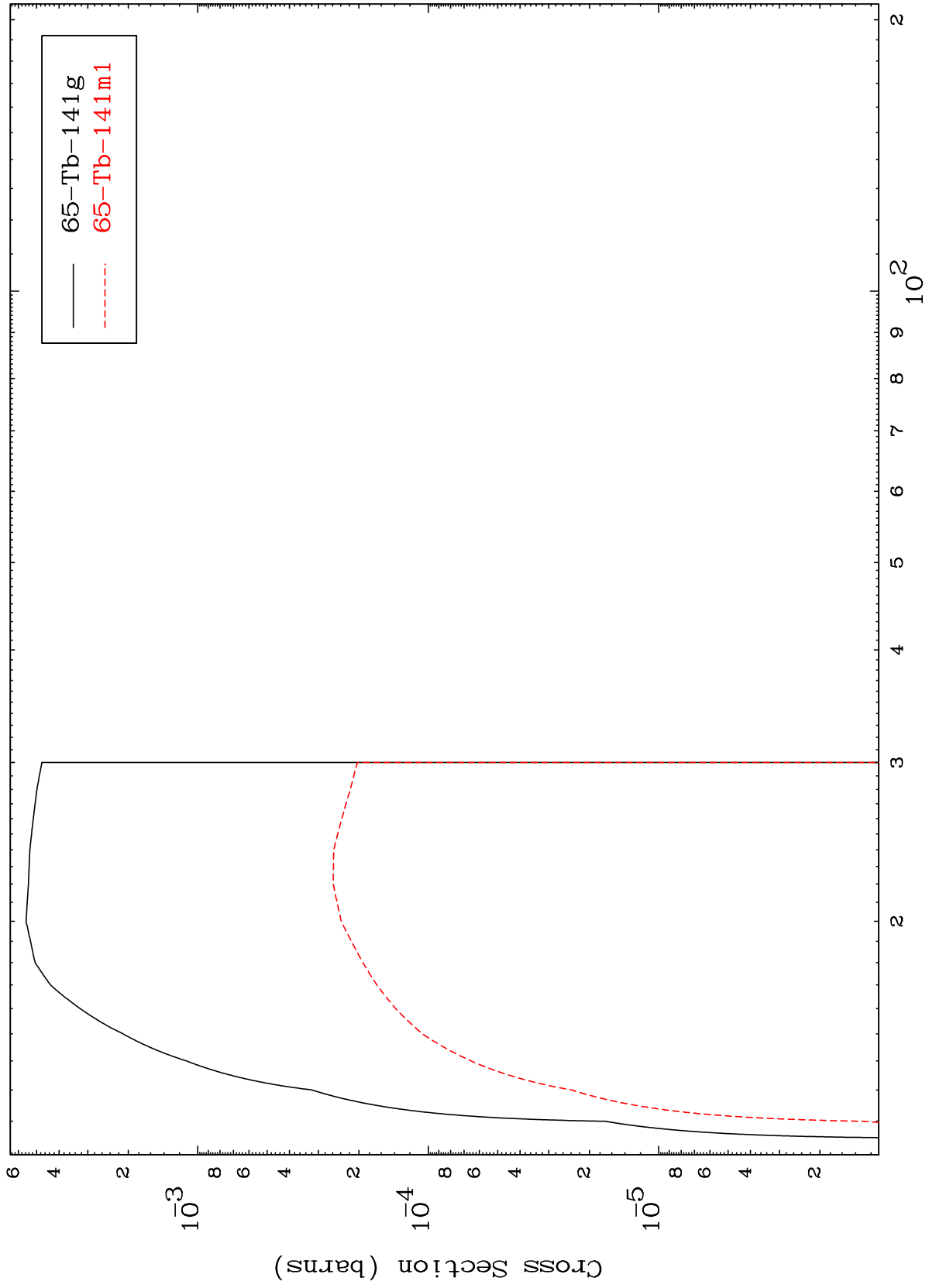
Incident Energy (MeV)

64-Gd-141

MAT 6393

64-Gd-141

(d,2n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

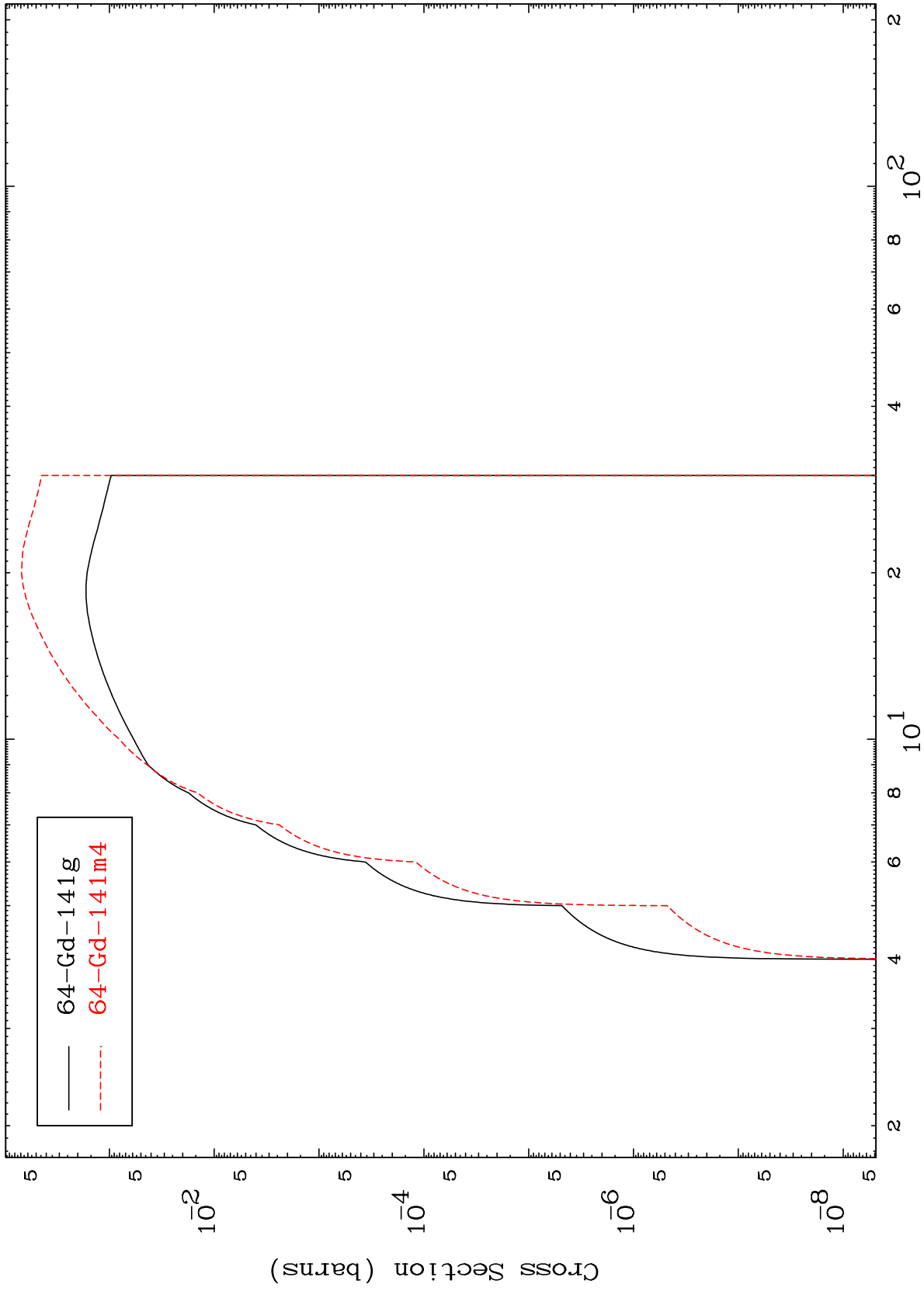
64-Gd-141

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(d,n') p

<sup>64</sup>Gd-141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>64</sup>Gd-141

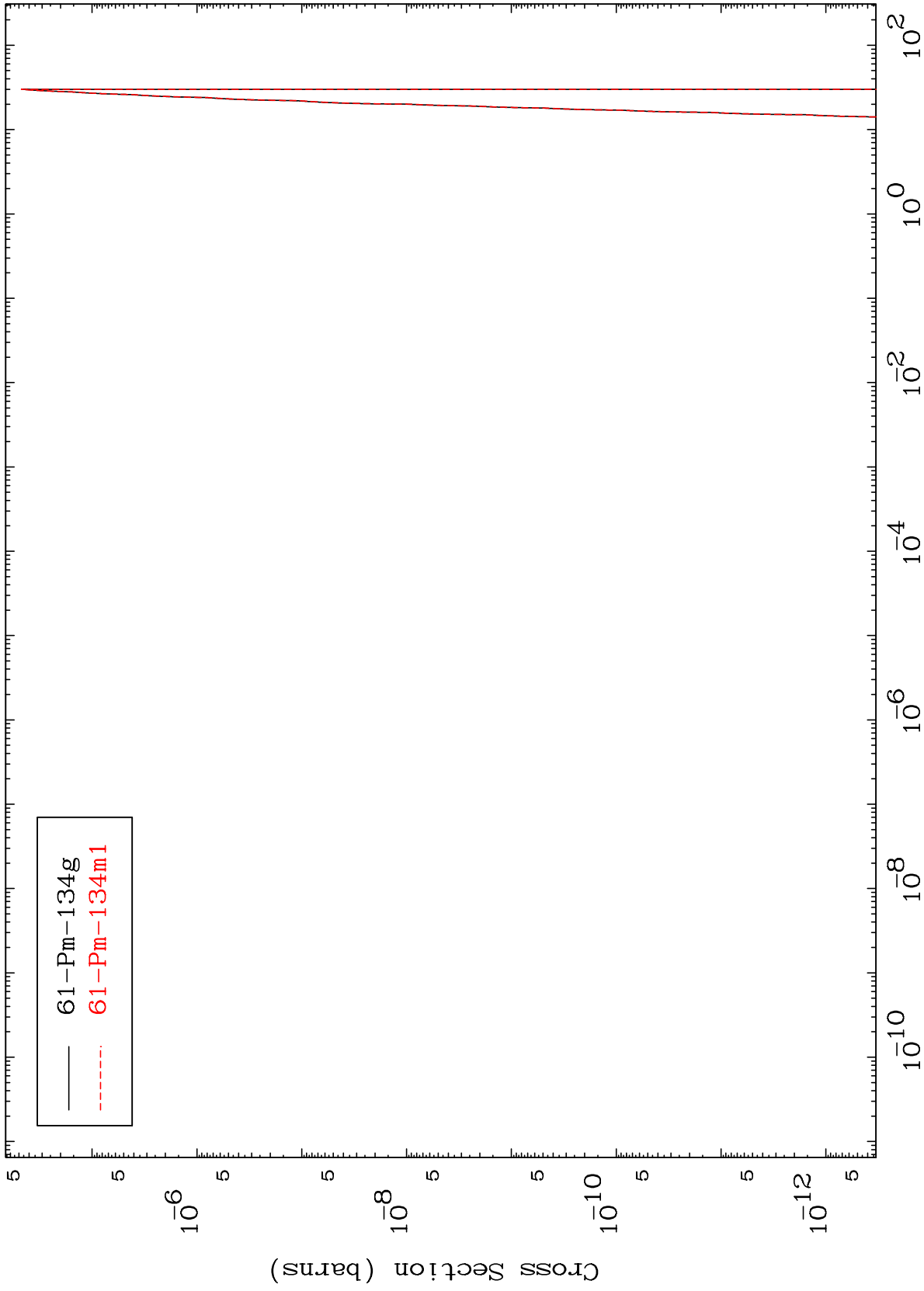


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(d,n') 2 $\alpha$

64-Gd-141

Radionuclide Production Cross Section



16

Incident Energy (MeV)

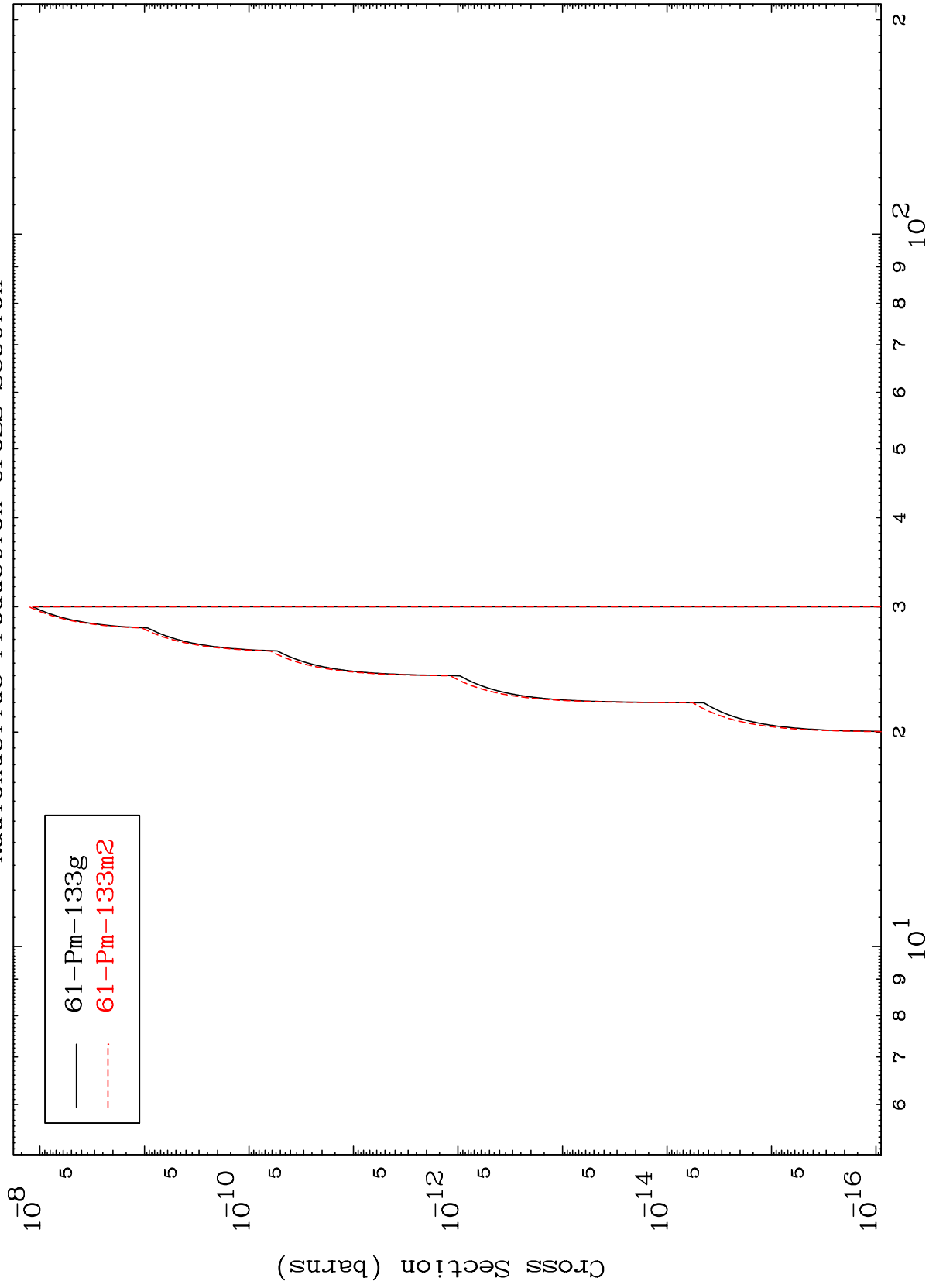
64-Gd-141

MAT 6393

(d,2n) 2 $\alpha$

64-Gd-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

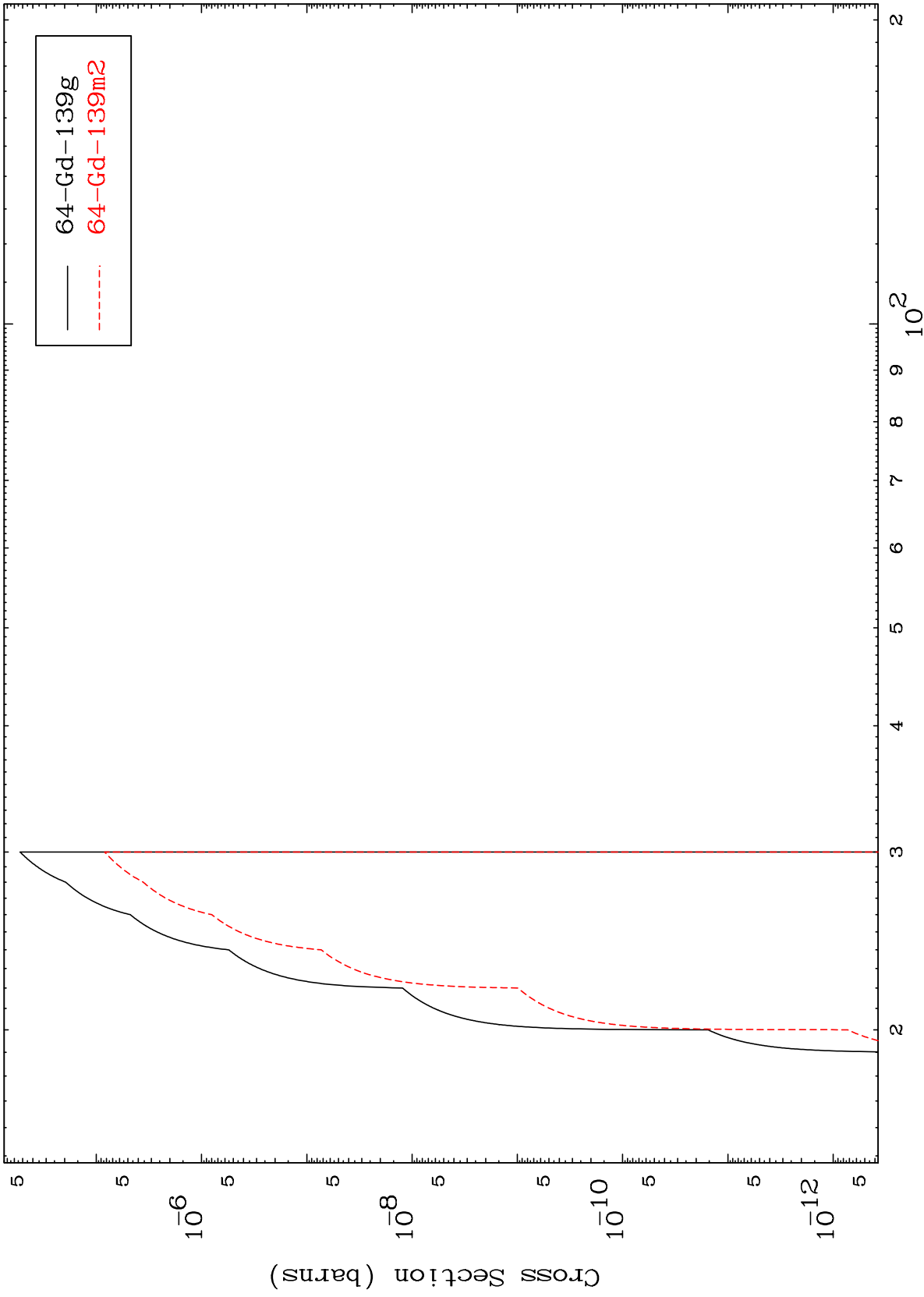
64-Gd-141

MAT 6393

(d,n') t

64-Gd-141

Radionuclide Production Cross Section



18

Incident Energy (MeV)

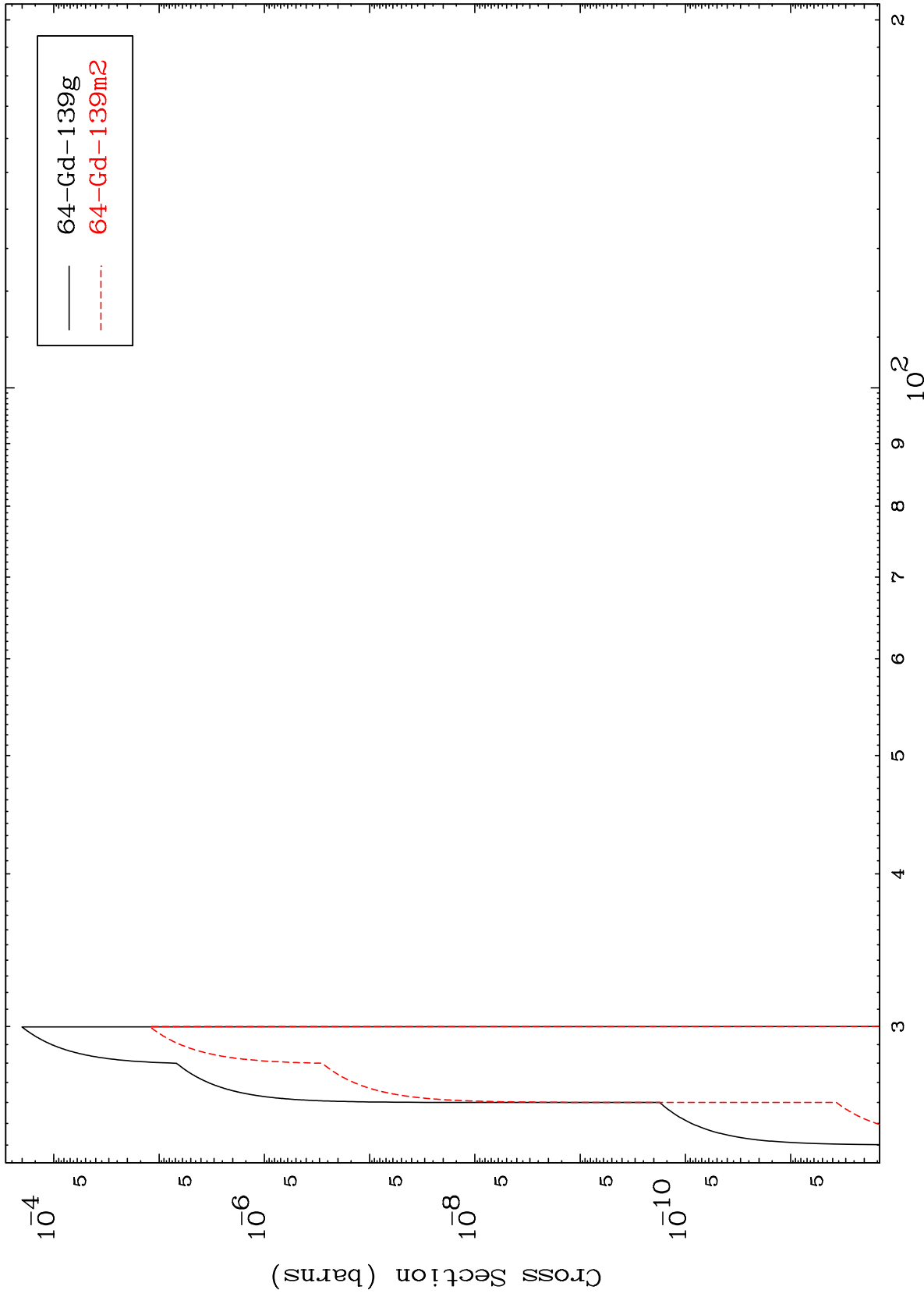
64-Gd-141

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(d,3n) p

64-Gd-141

Radionuclide Production Cross Section



19

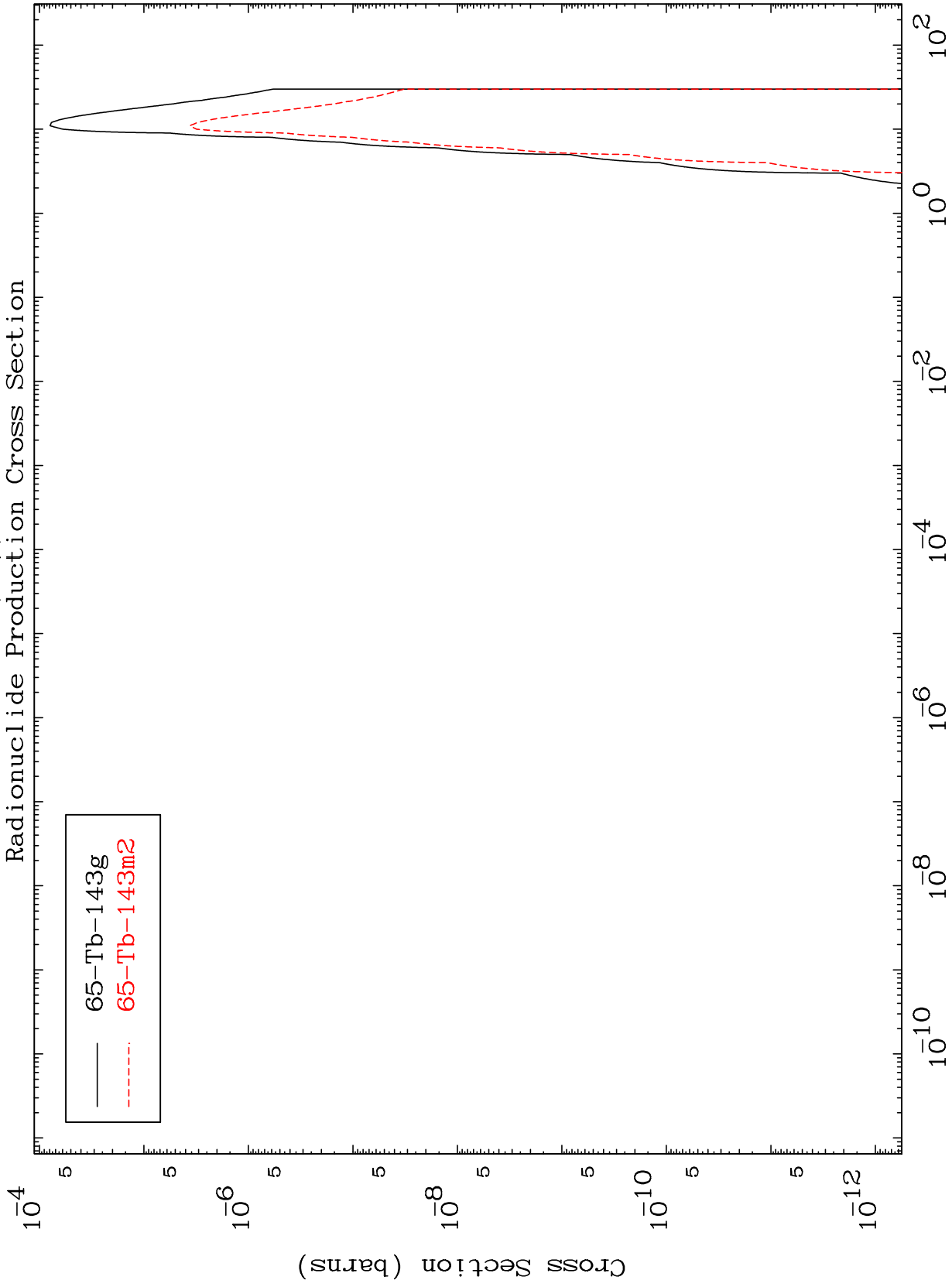
Incident Energy (MeV)

64-Gd-141

MAT 6393

Radionuclide Production Cross Section  
(d,  $\gamma$ )

64-Gd-141



20

Incident Energy (MeV)

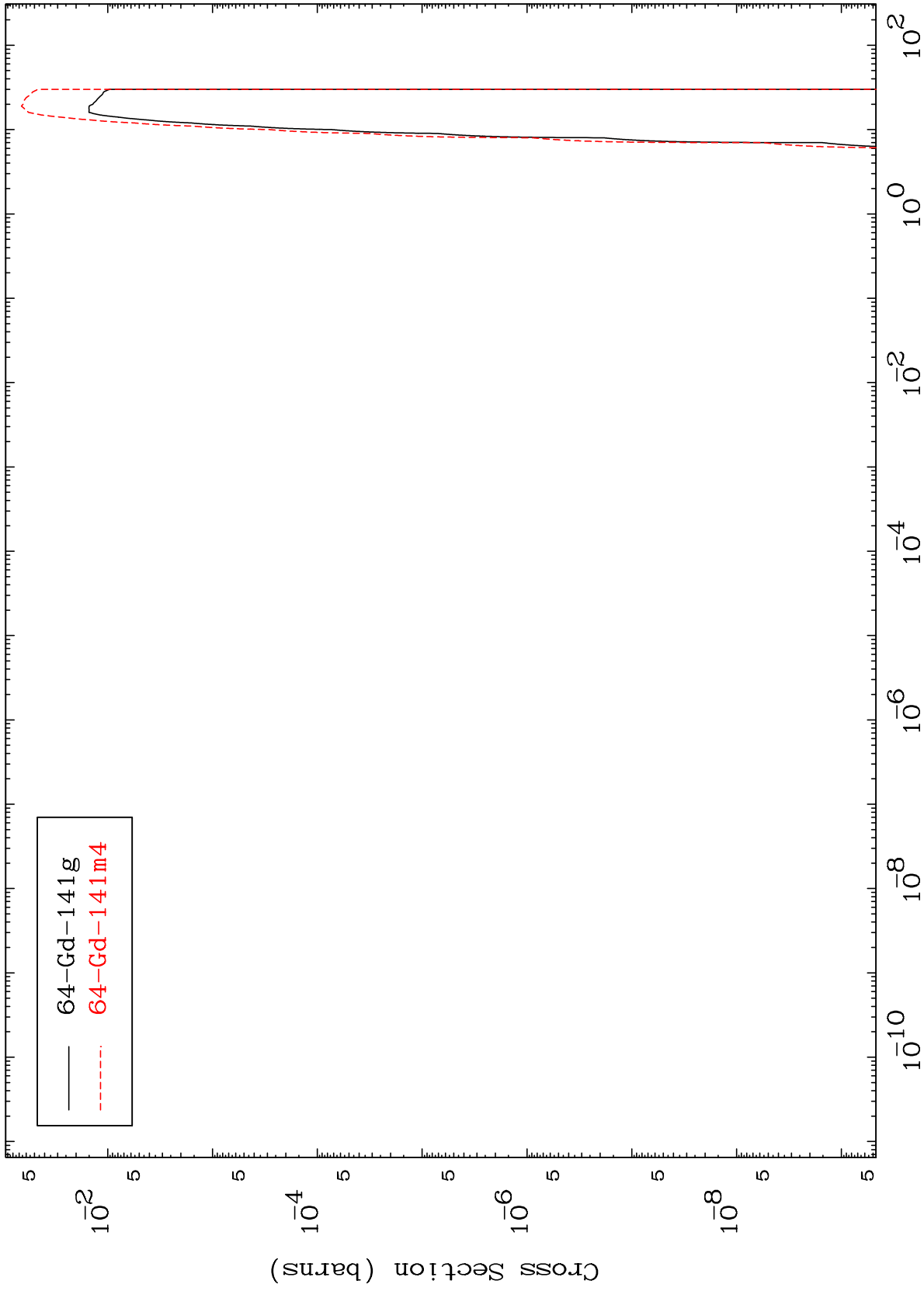
64-Gd-141

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(d,d)

64-Gd-141

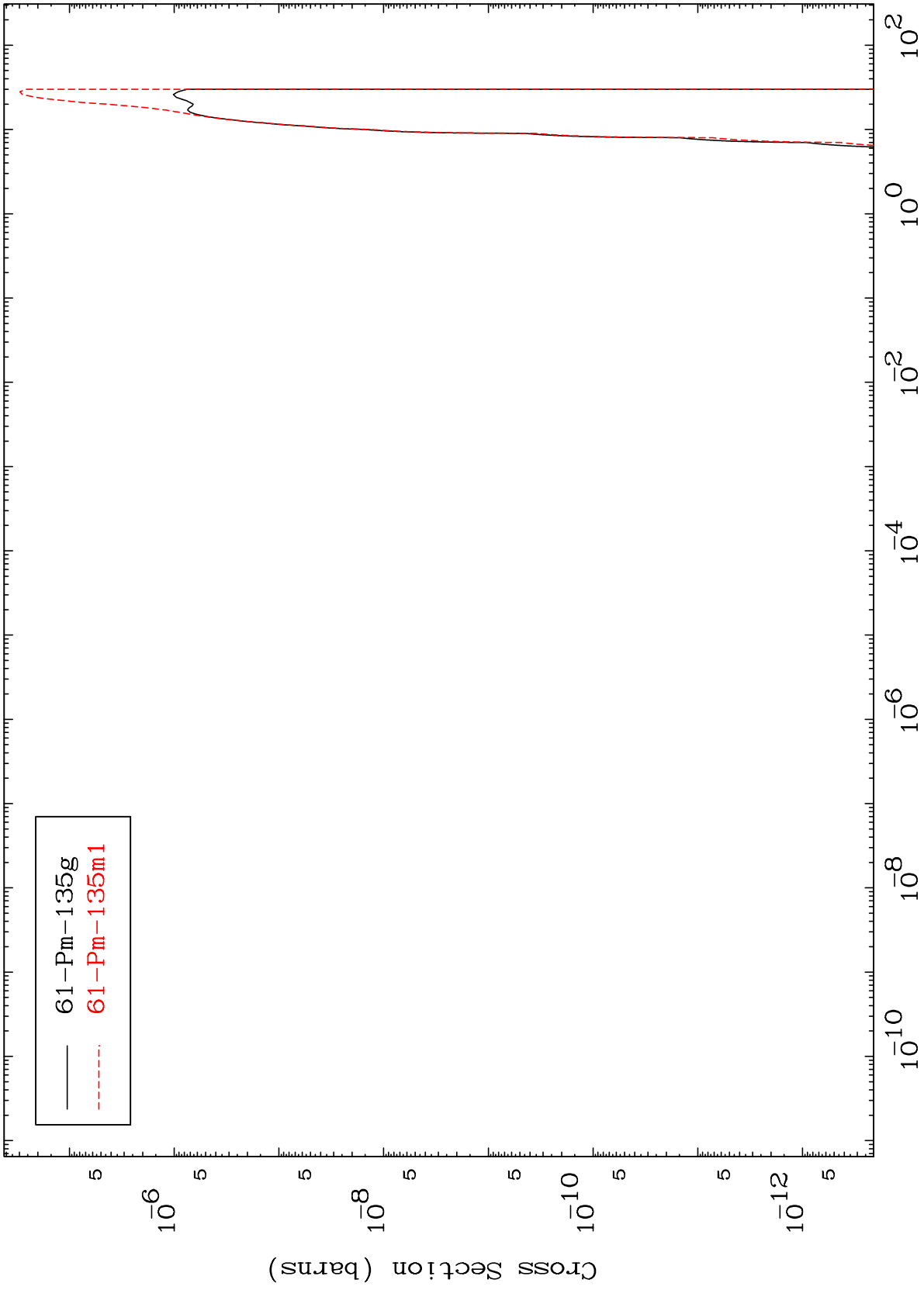
Radionuclide Production Cross Section



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Radionuclide Production Cross Section  
(d,2 $\alpha$ )

64-Gd-141



22

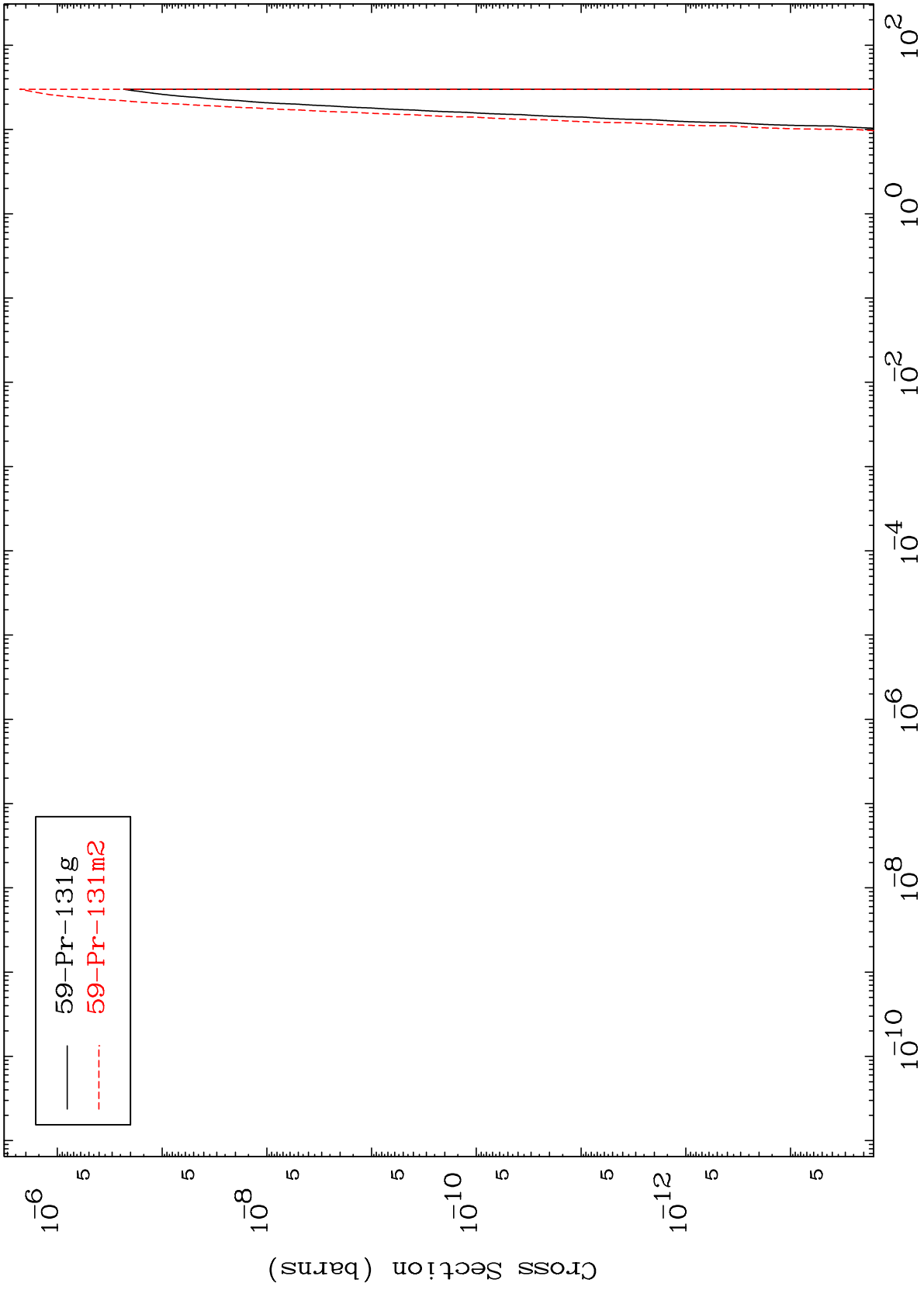
Incident Energy (MeV)

64-Gd-141

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Radionuclide Production Cross Section  
(d,3 $\alpha$ )

64-Gd-141



23

Incident Energy (MeV)

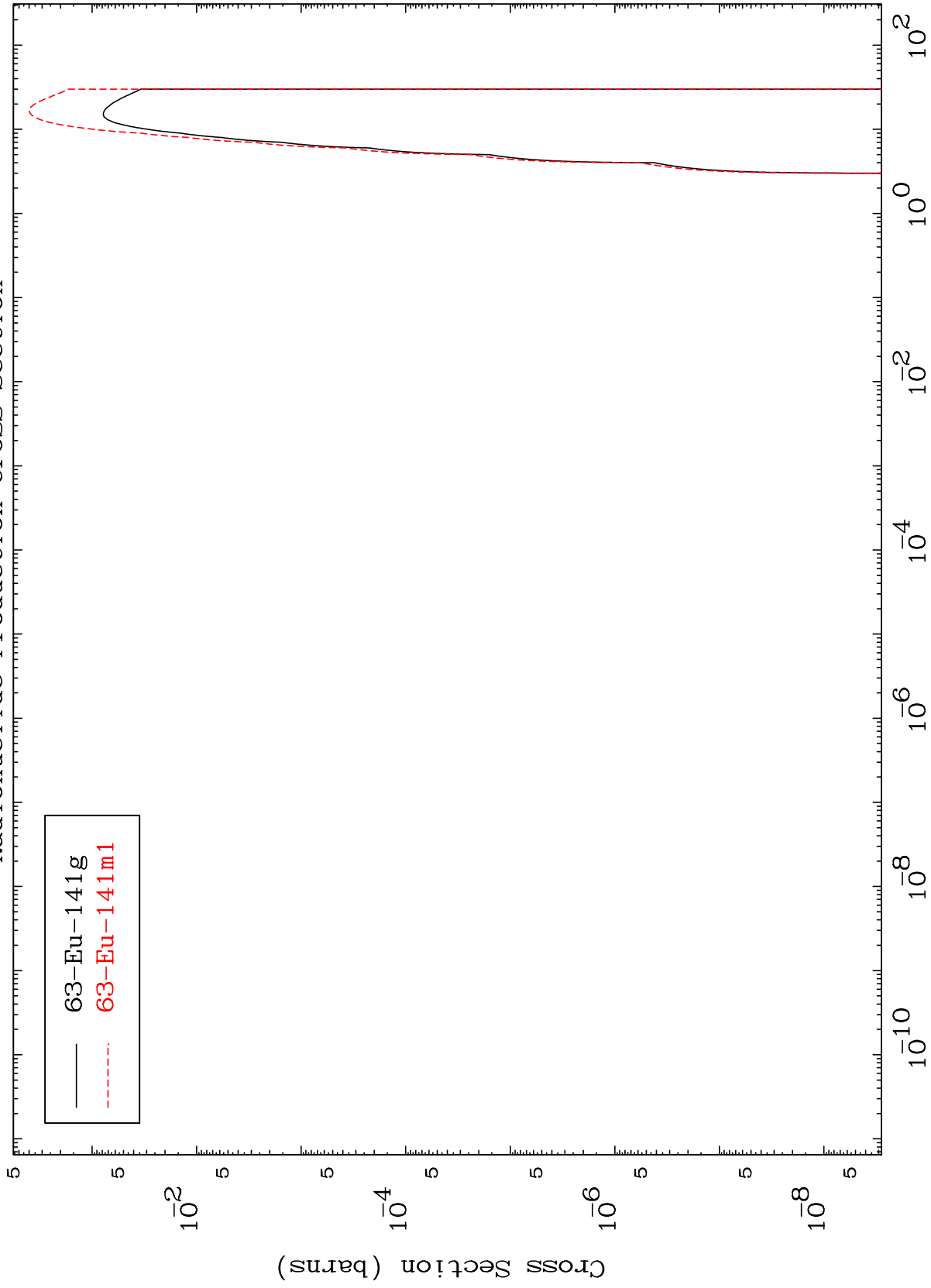
64-Gd-141



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Radionuclide Production Cross Section  
(d,2p)

64-Gd-141



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

64-Gd-141

MAT 6393

(d,d)  $2\alpha$

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

Radionuclide Production Cross Section

