

Program EVALPLOT
(Version 2018-1)

by

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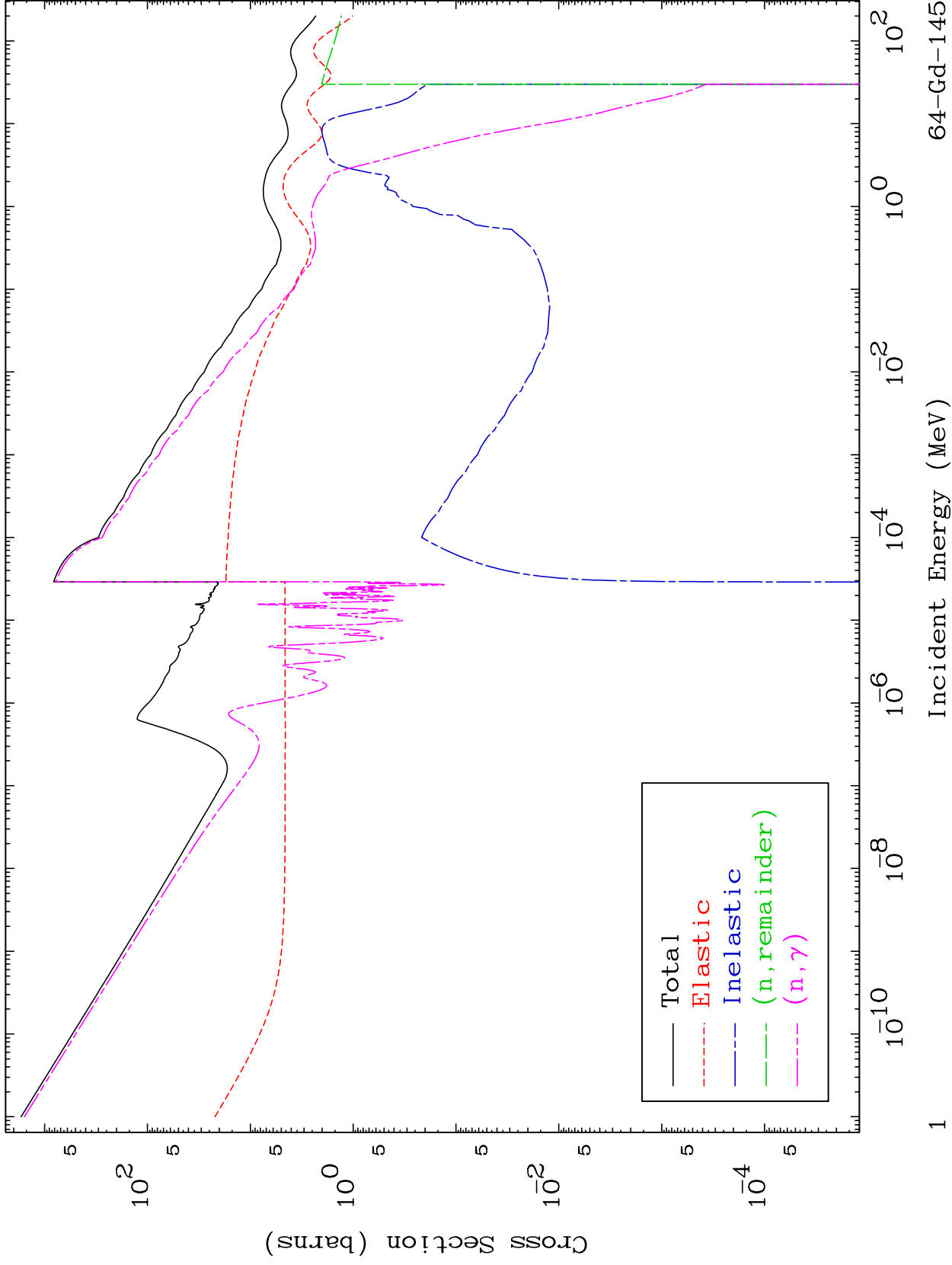
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Press Mouse Button to Start

MAT 6405

Major
293 Kelvin Cross Sections

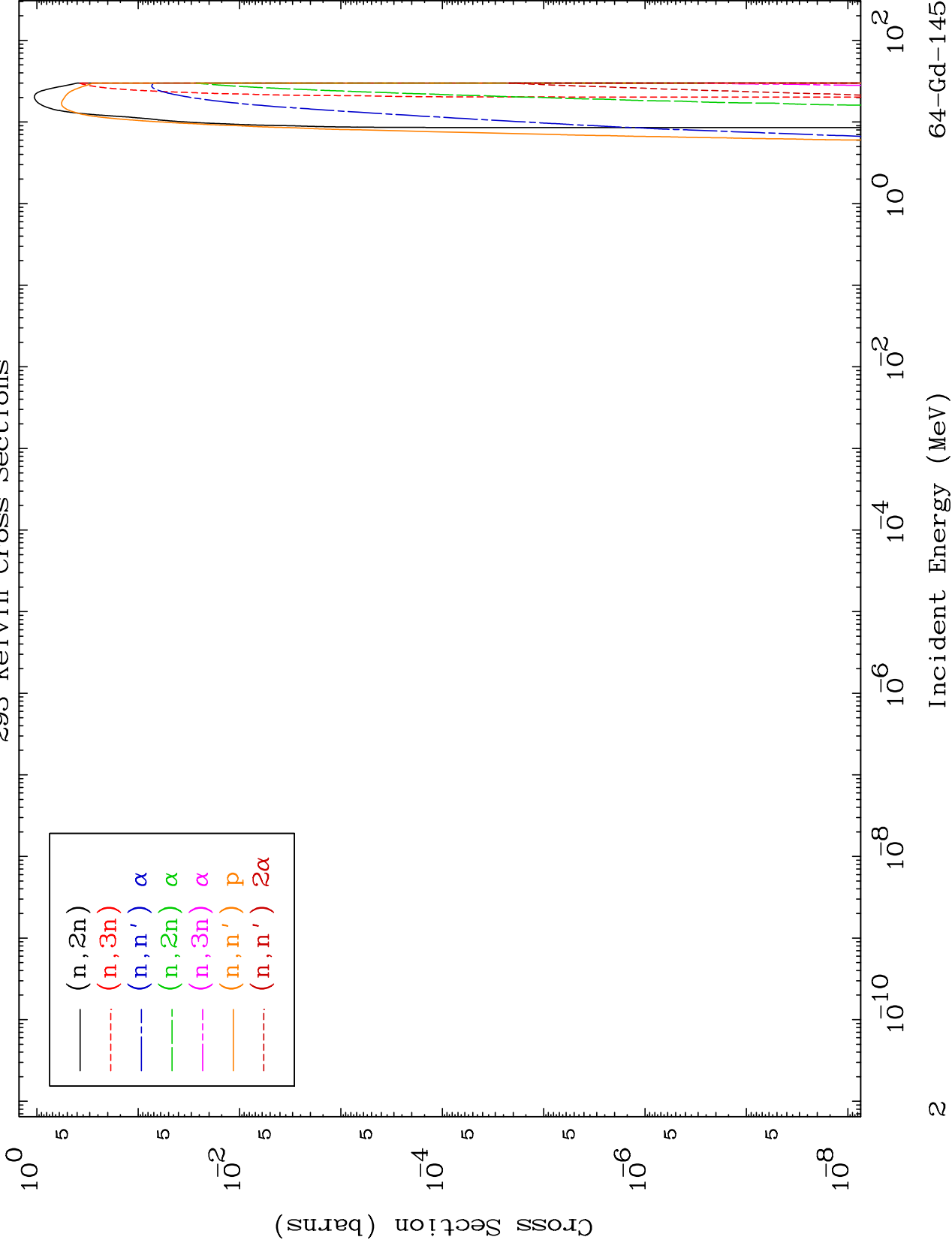
64-Gd-145

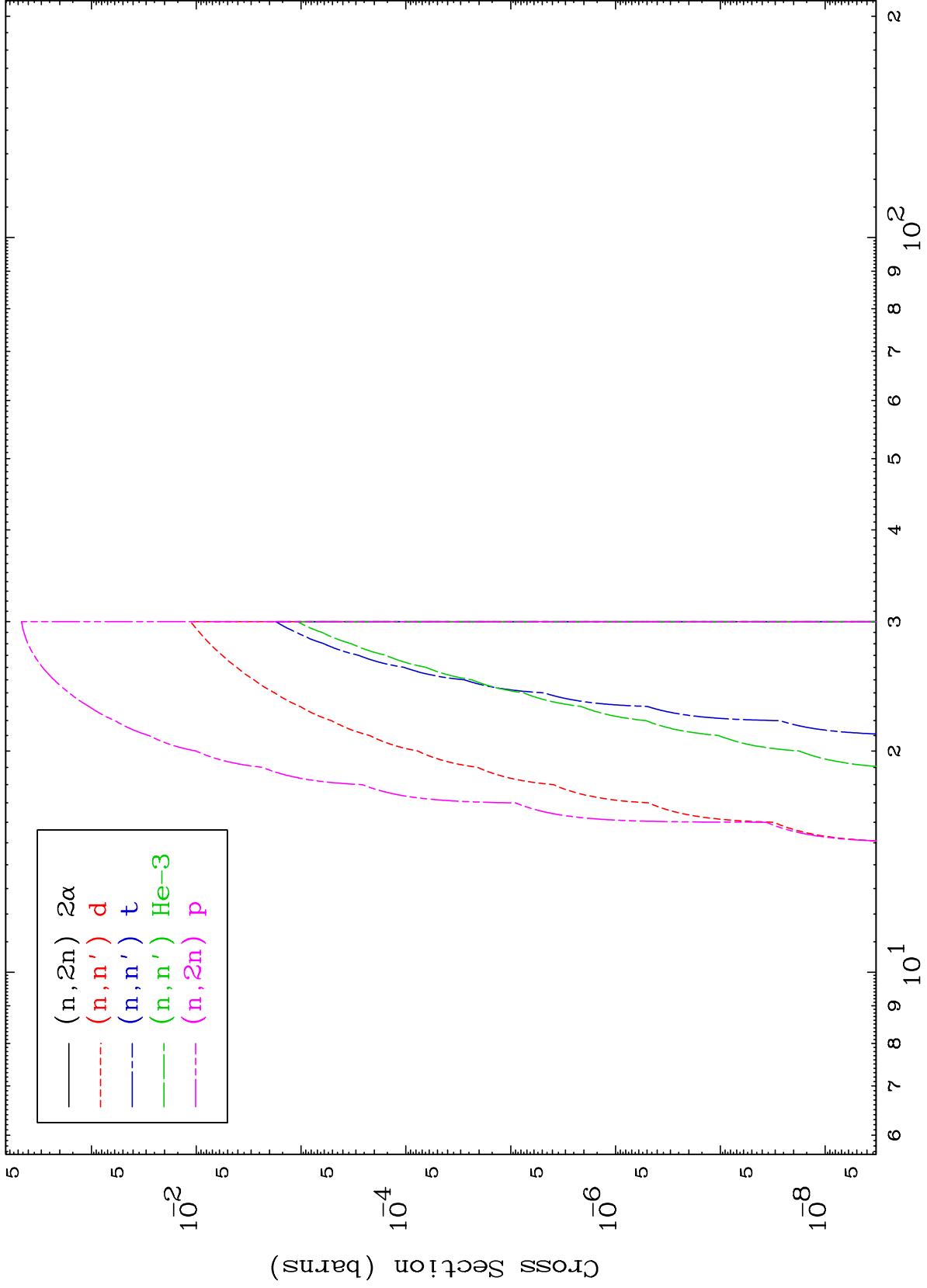


MAT 6405

Neutron Production
293 Kelvin Cross Sections

64-Gd-145

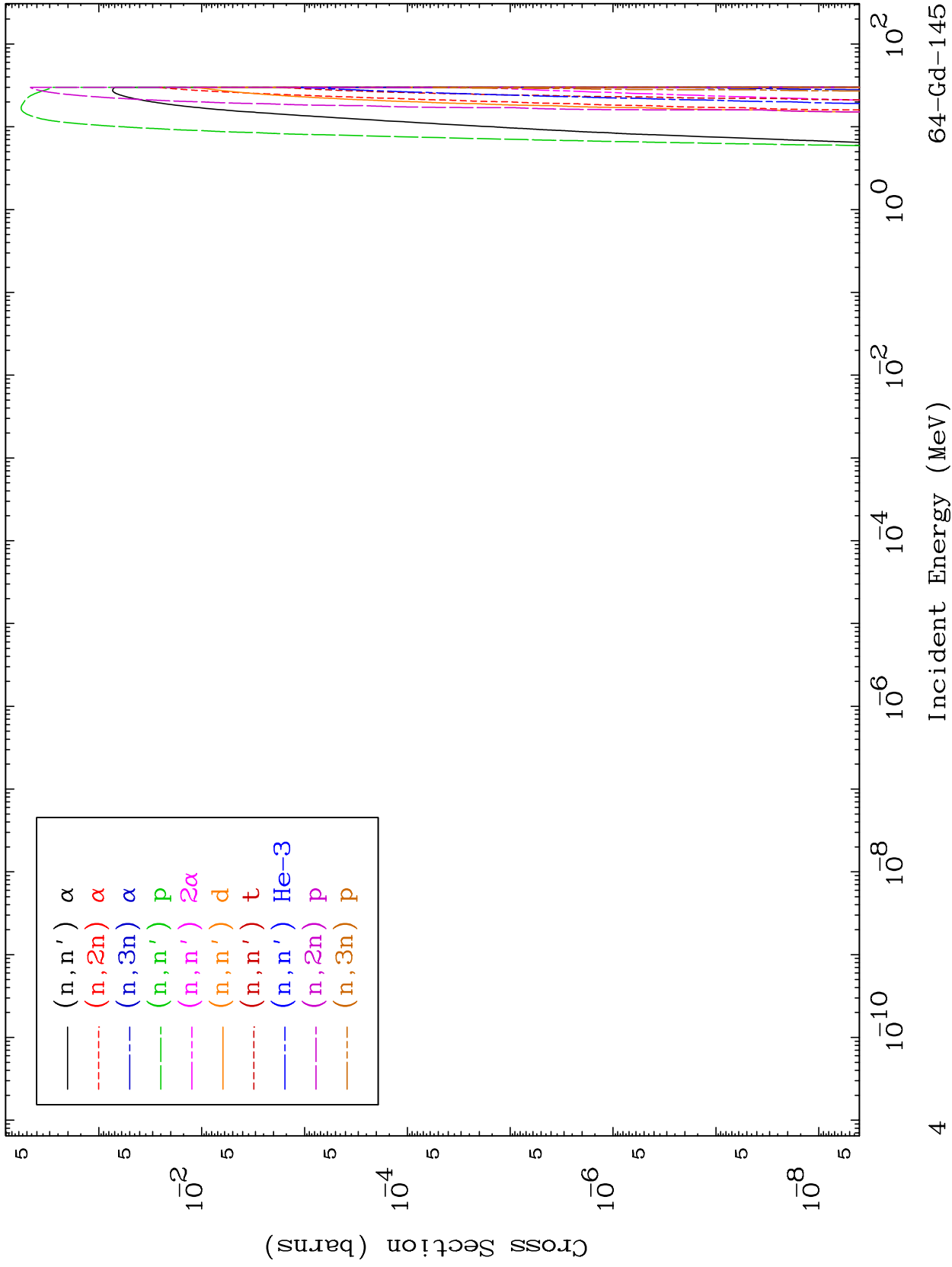




MAT 6405

Charged Particle
293 Kelvin Cross Sections

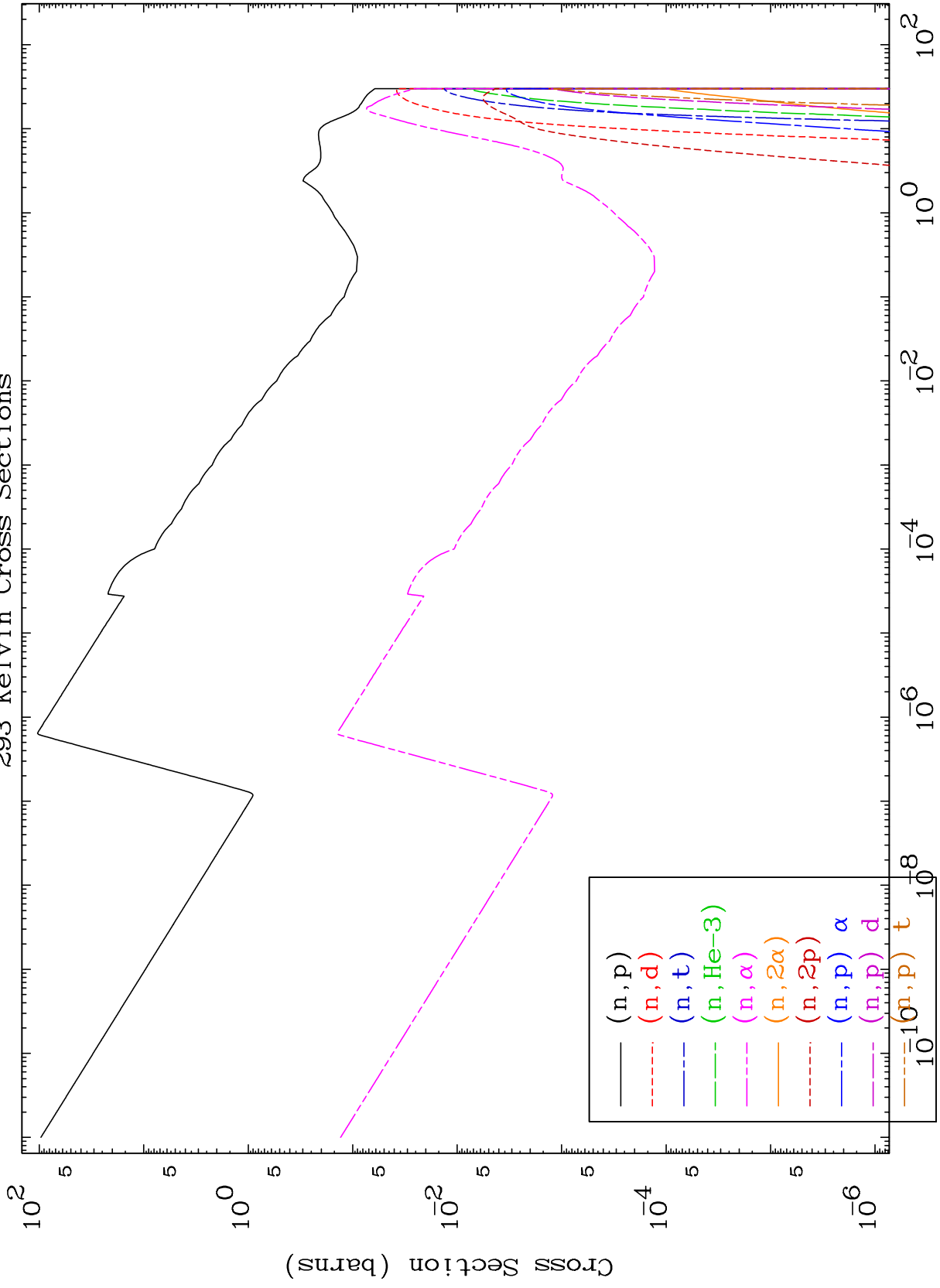
64-Gd-145



MAT 6405

Charged Particle
293 Kelvin Cross Sections

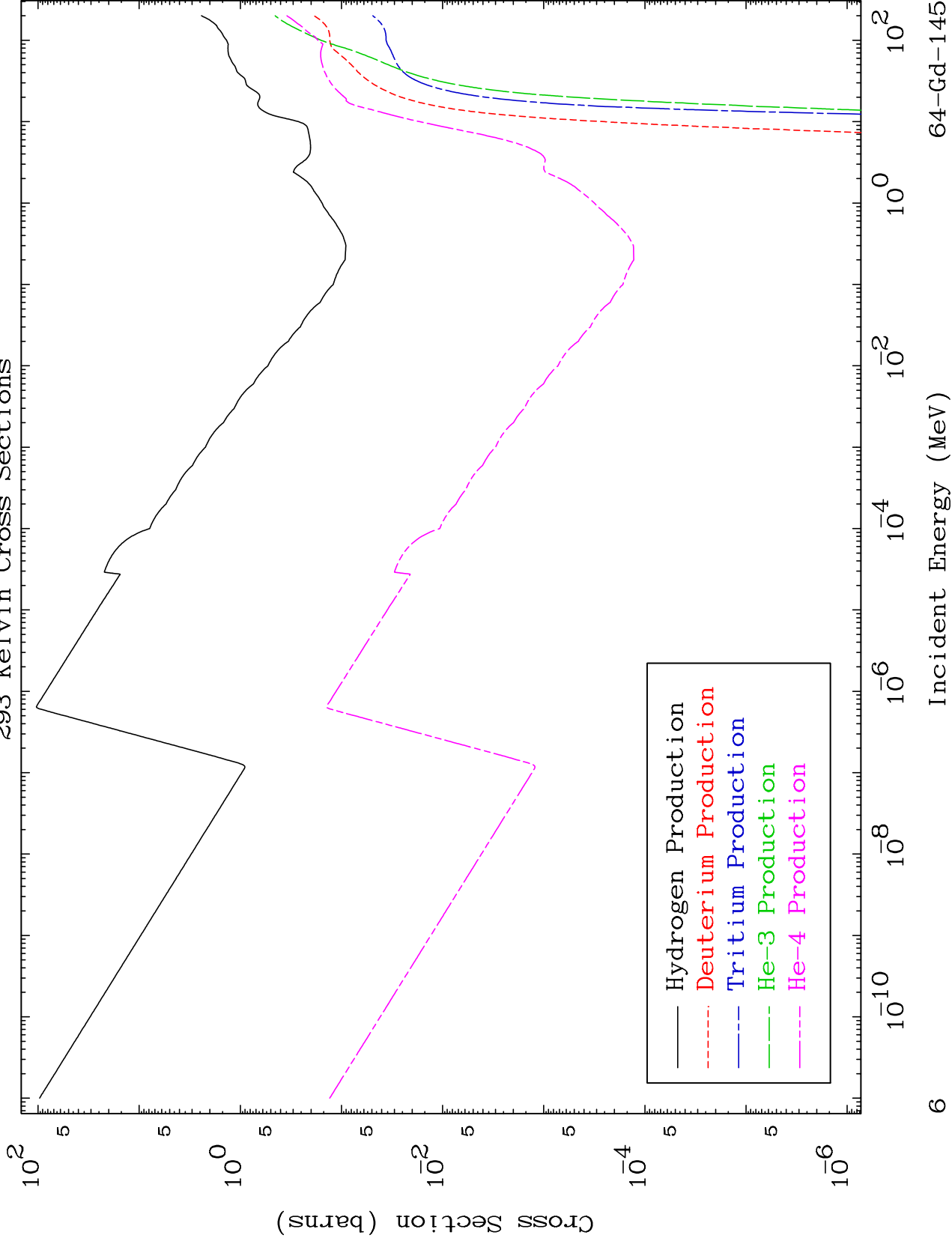
64-Gd-145



MAT 6405

Particle Production
293 Kelvin Cross Sections

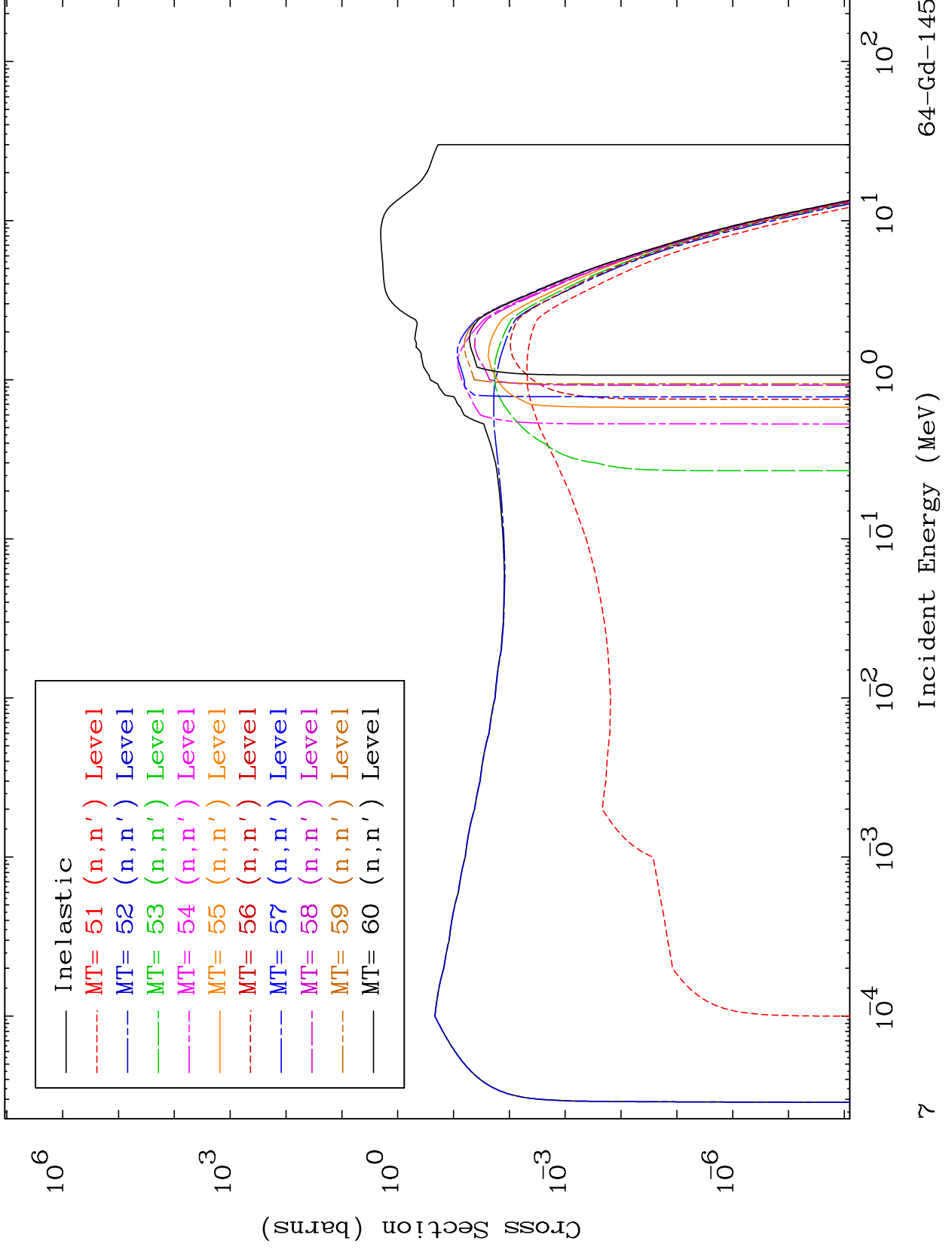
64-Gd-145



MAT 6405

(n,n') Level
293 Kelvin Cross Sections

64-Gd-145

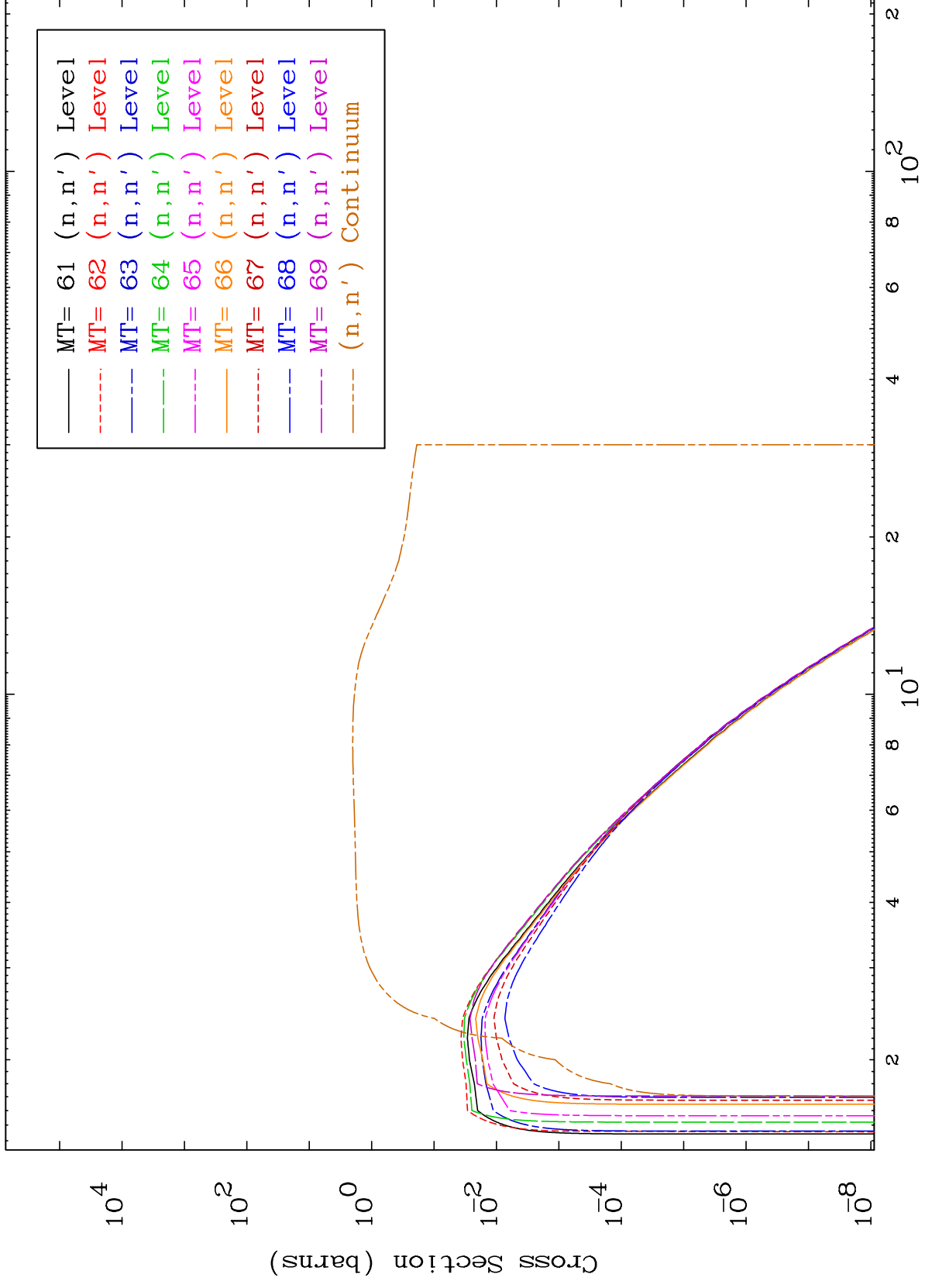


MAT 6405

(n,n') Level

64-Gd-145

293 Kelvin Cross Sections



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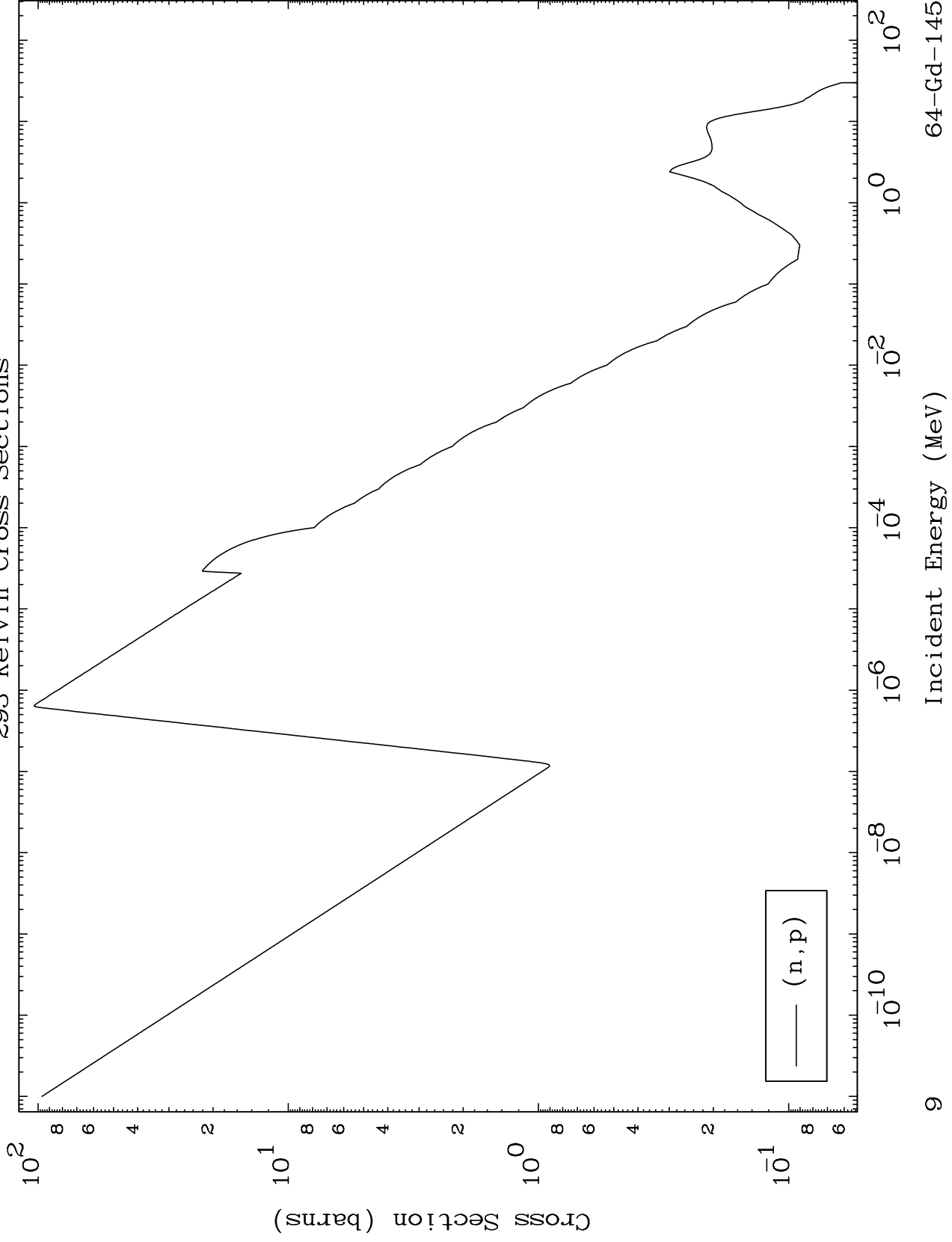
Incident Energy (MeV)

64-Gd-145

MAT 6405

(n,p) Levels
293 Kelvin Cross Sections

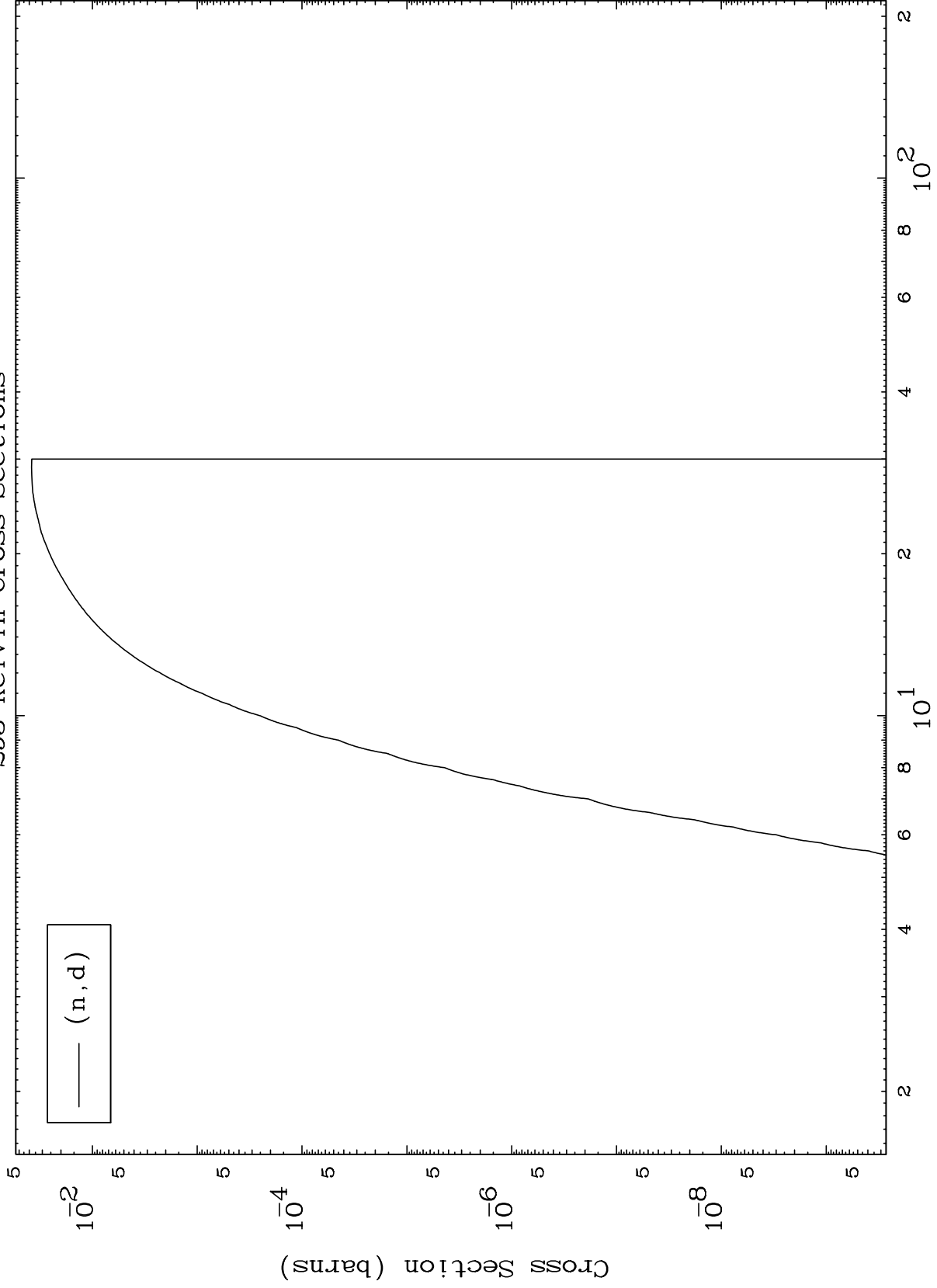
64-Gd-145



MAT 6405

(n,d) Levels
293 Kelvin Cross Sections

64-Gd-145



10

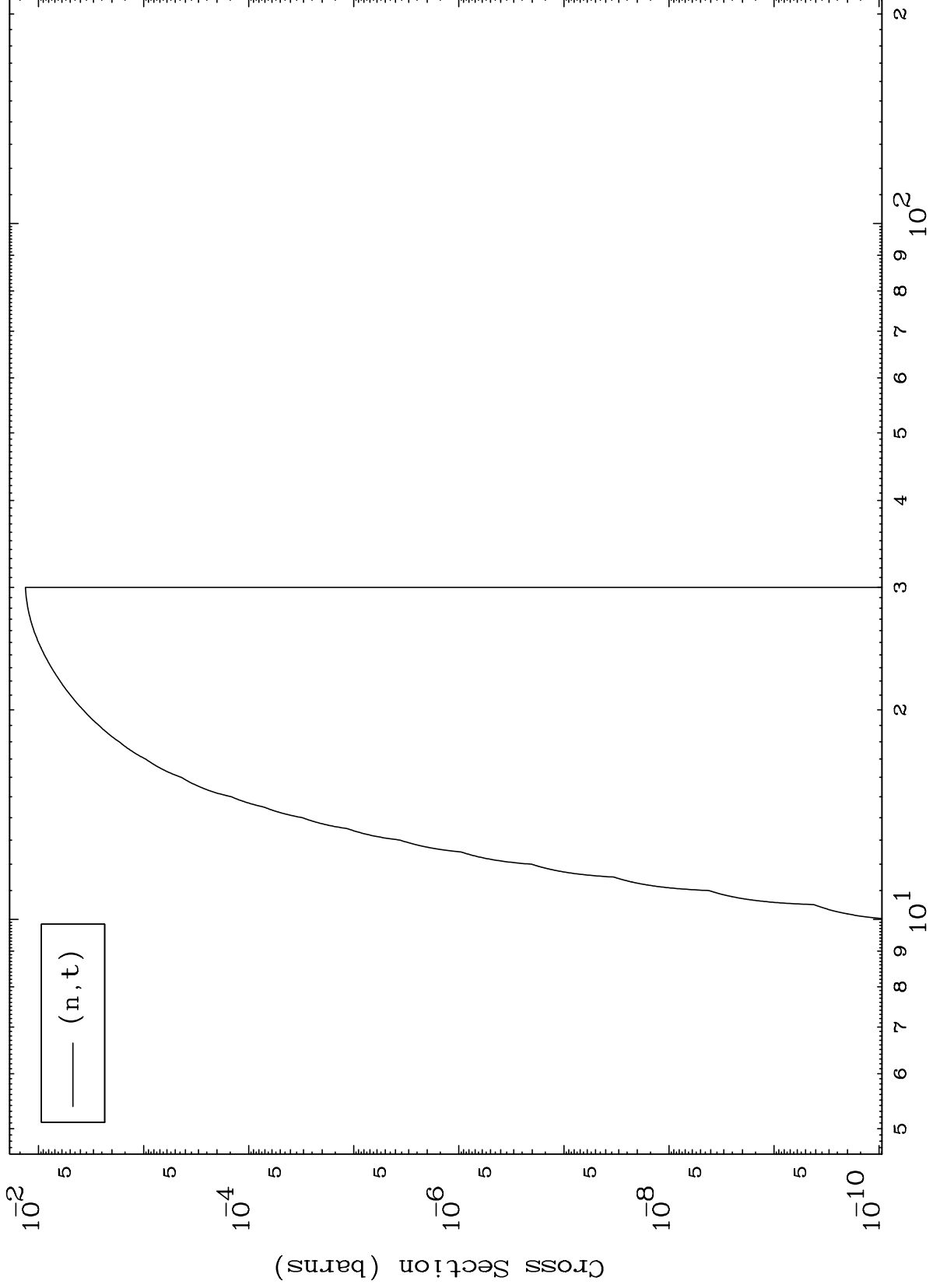
Incident Energy (MeV)

64-Gd-145

MAT 6405

(n,t) Levels
293 Kelvin Cross Sections

64-Gd-145



11

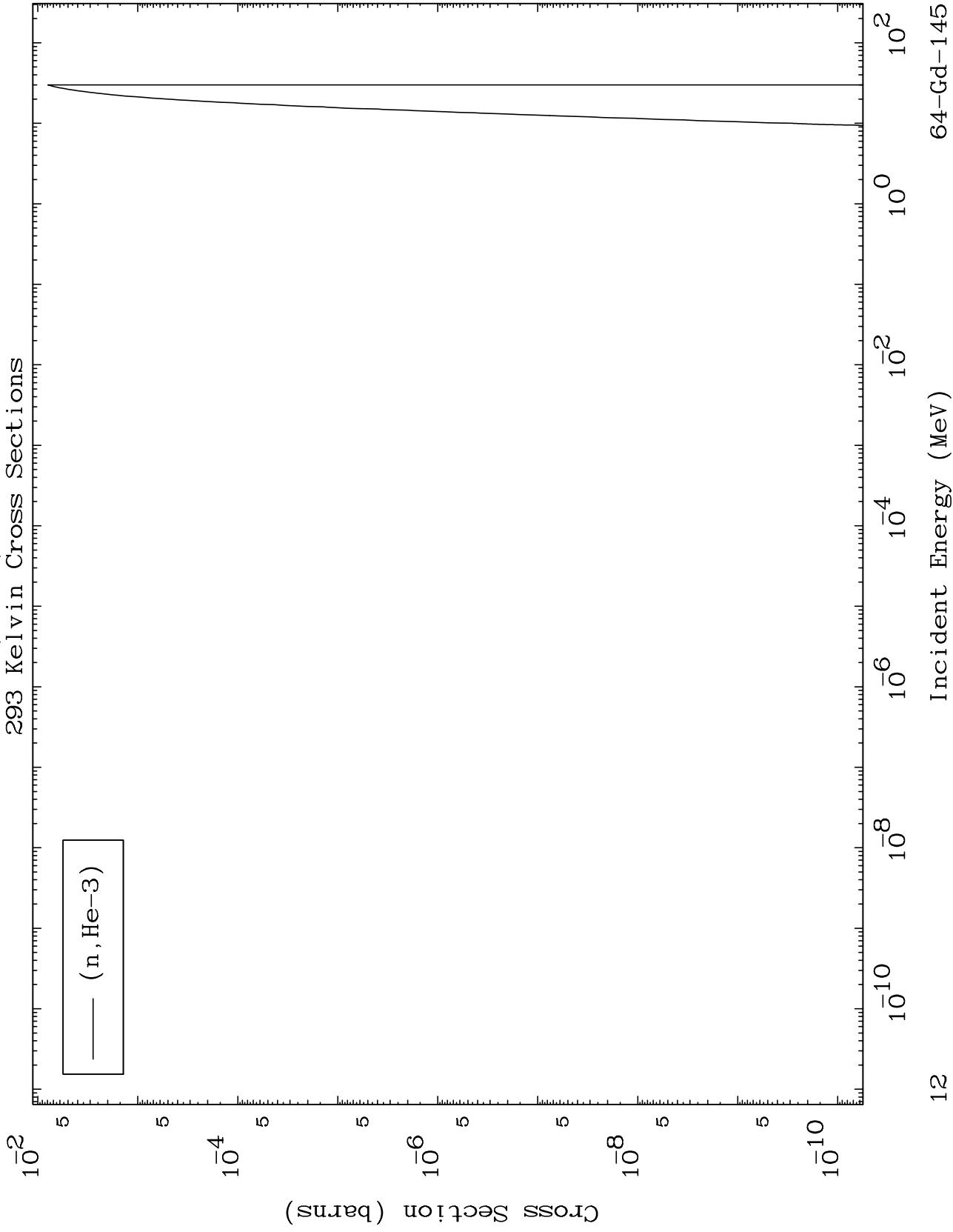
Incident Energy (MeV)

64-Gd-145

MAT 6405

(n,He3) Levels
293 Kelvin Cross Sections

64-Gd-145



12

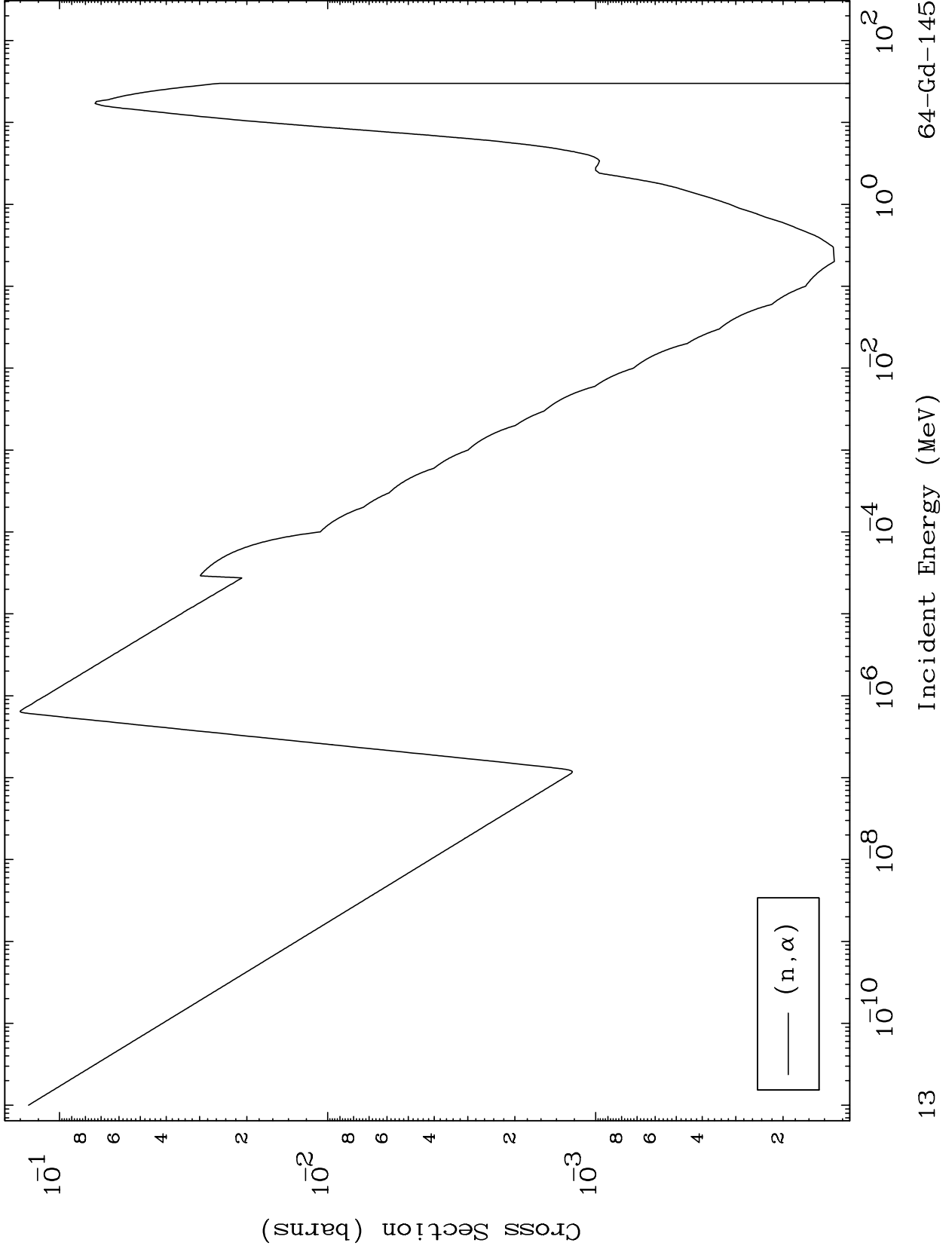
Incident Energy (MeV)

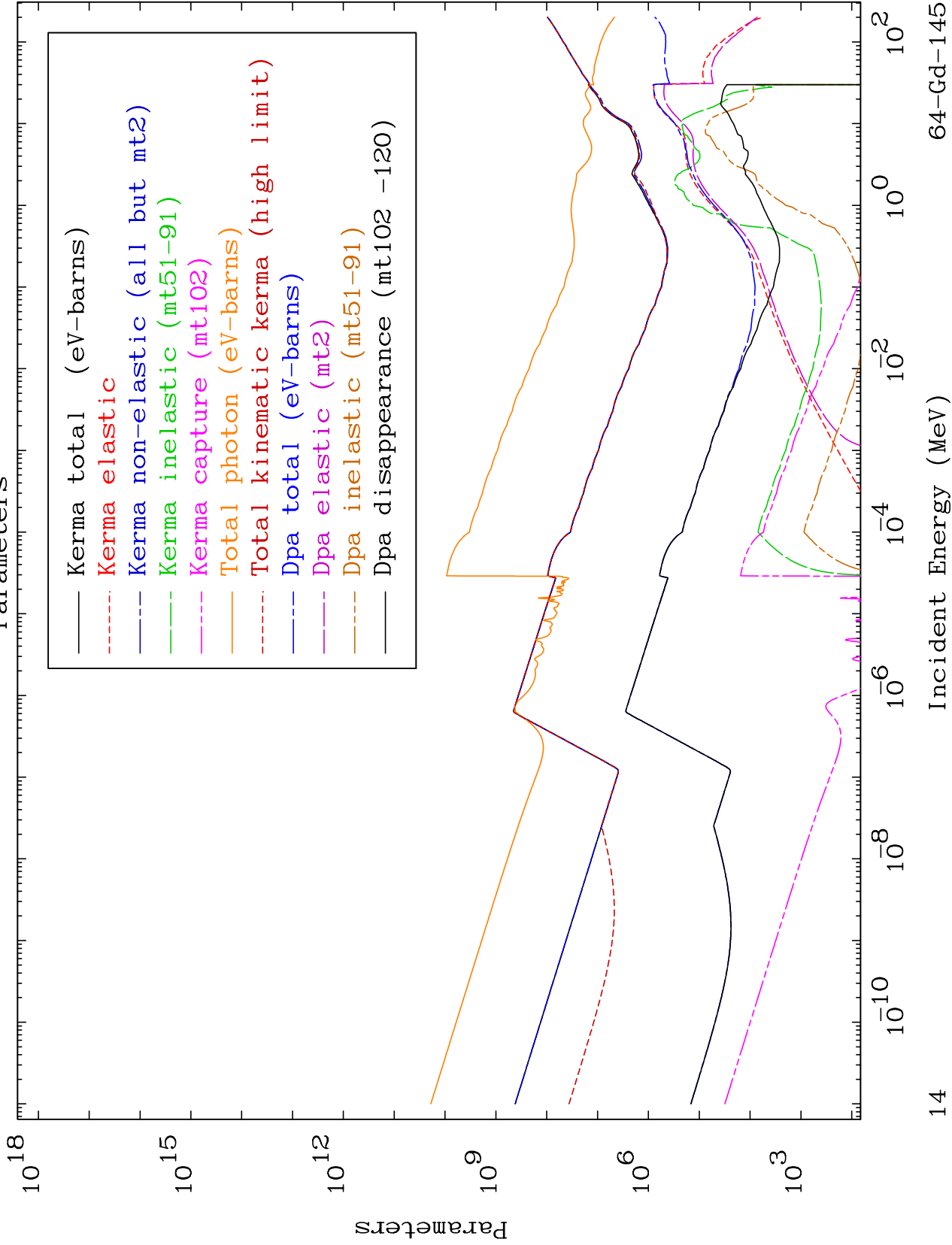
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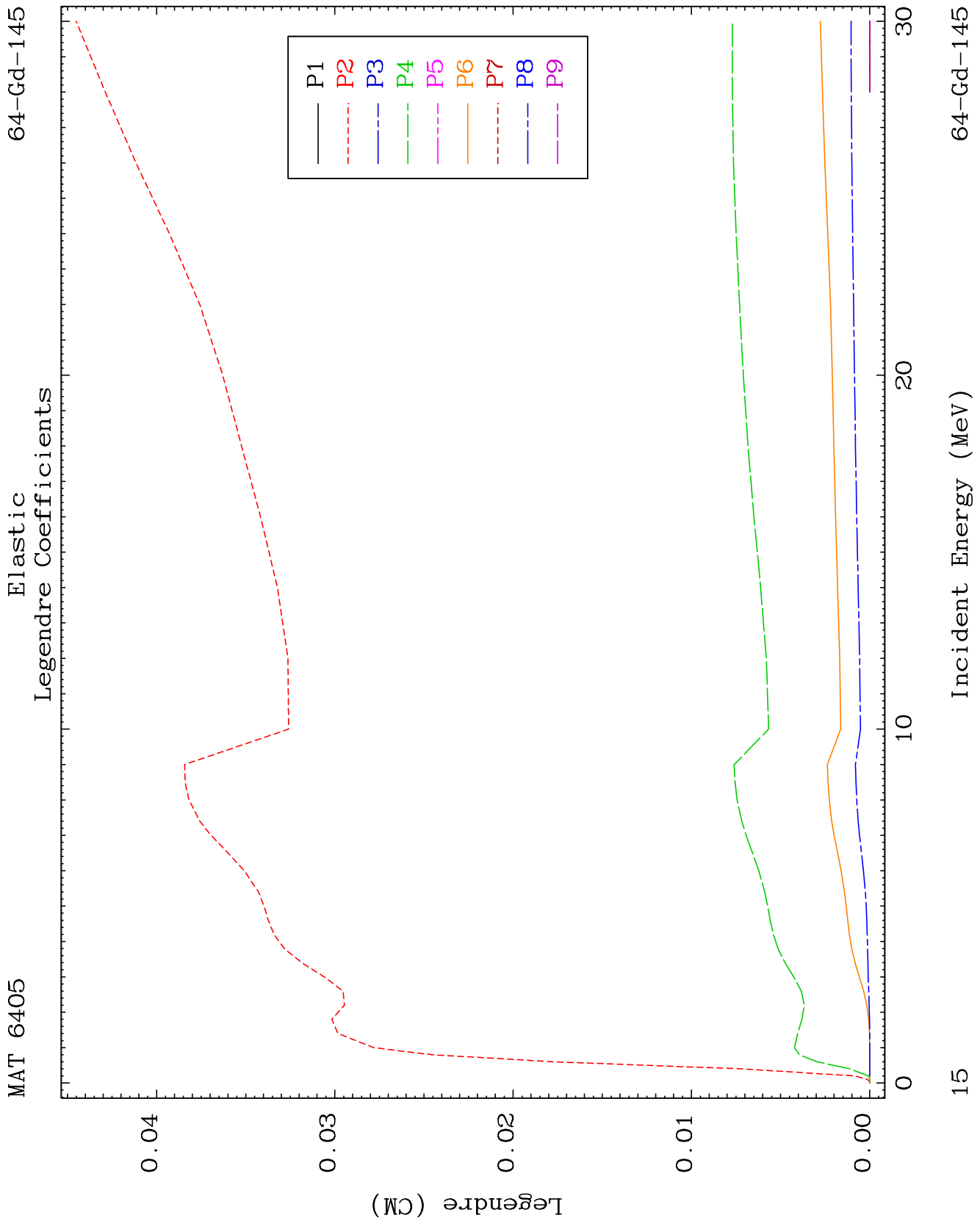
MAT 6405

(n, α) Levels
293 Kelvin Cross Sections

64-Gd-145



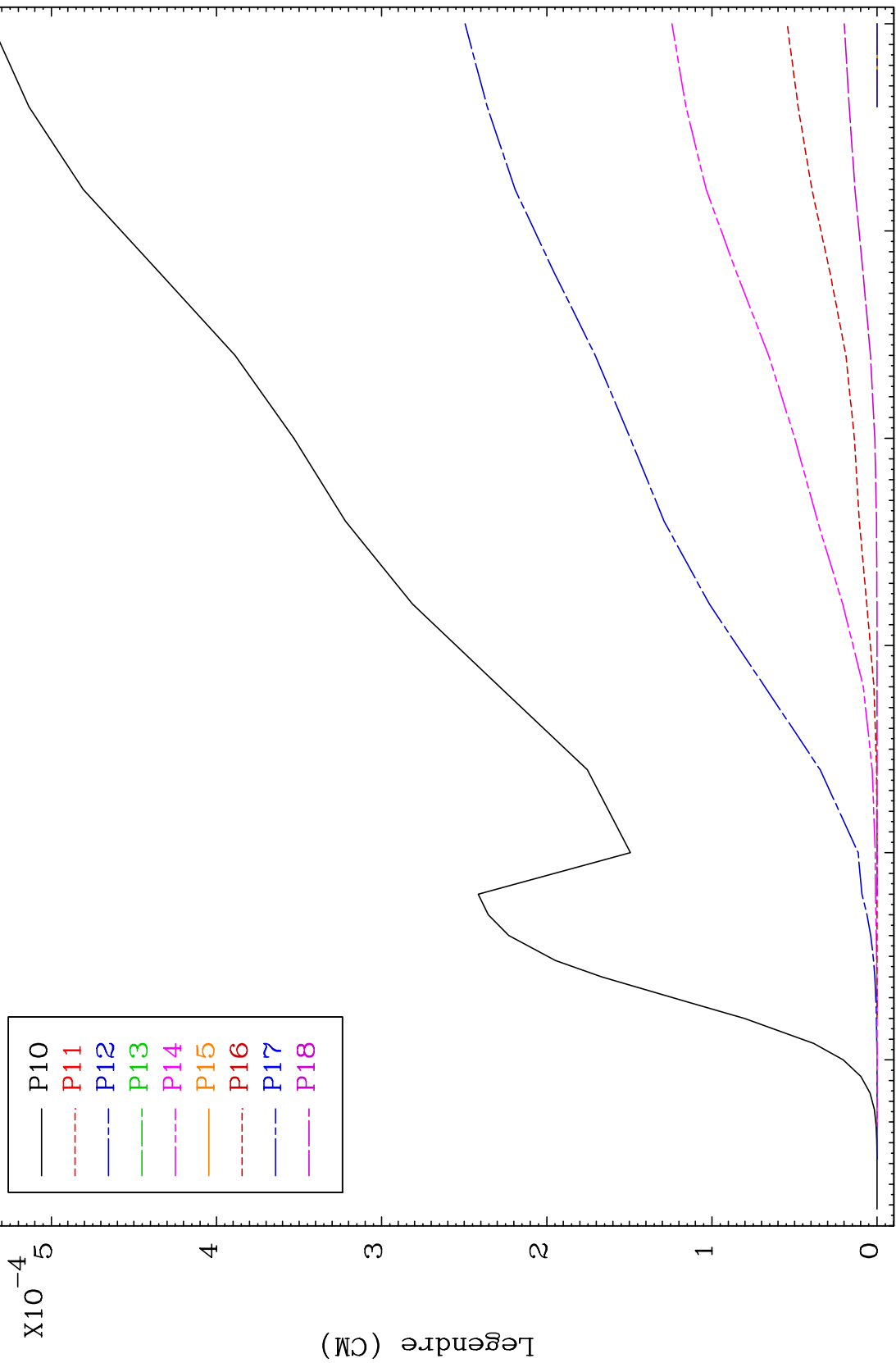
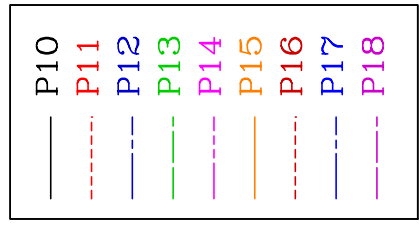




MAT 6405

Elastic Legendre Coefficients

64-Gd-145



16

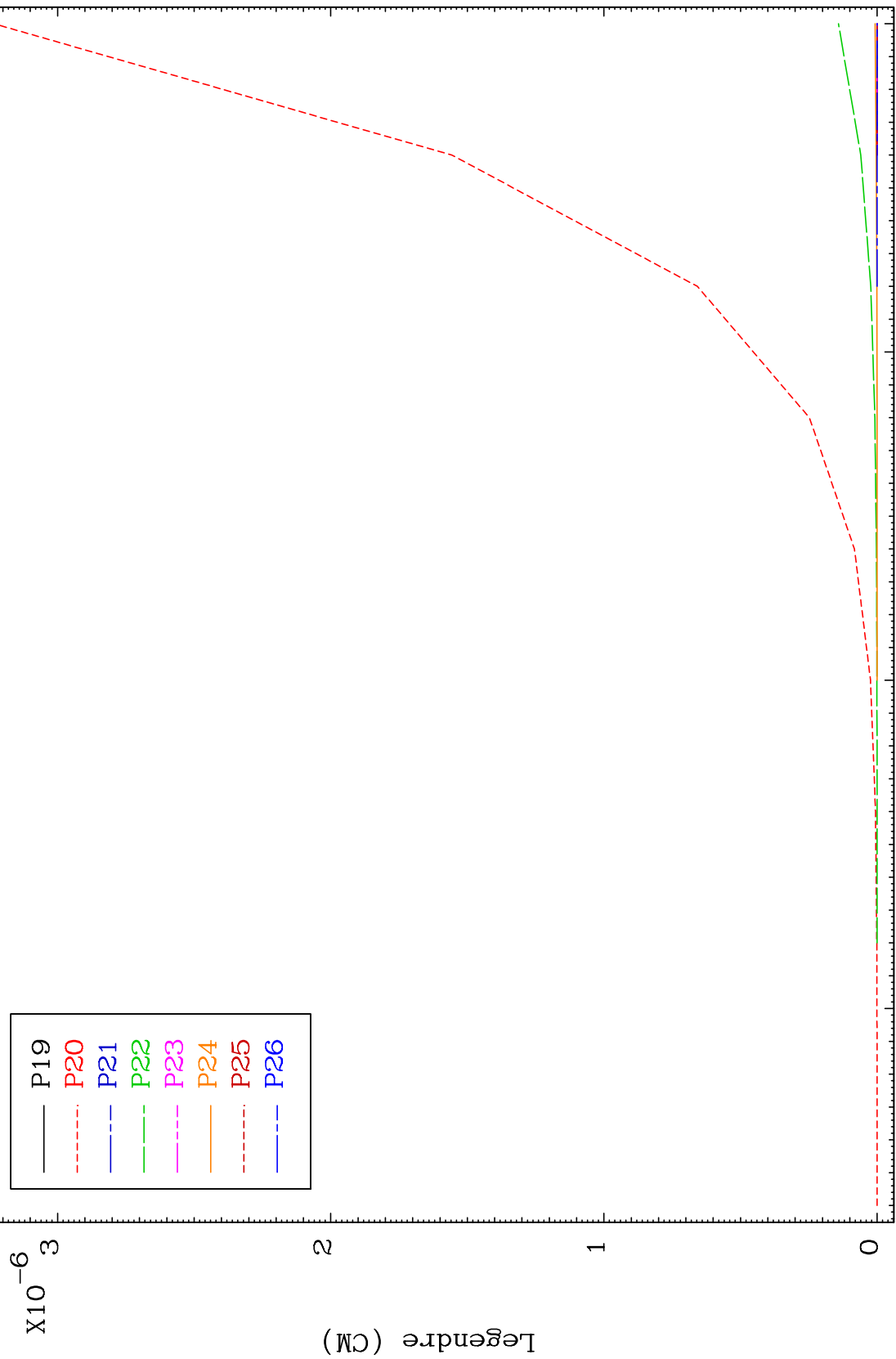
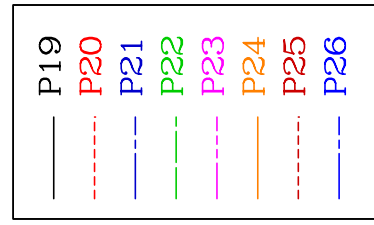
Incident Energy (MeV)

64-Gd-145

MAT 6405

Elastic
Legendre Coefficients

64-Gd-145



17

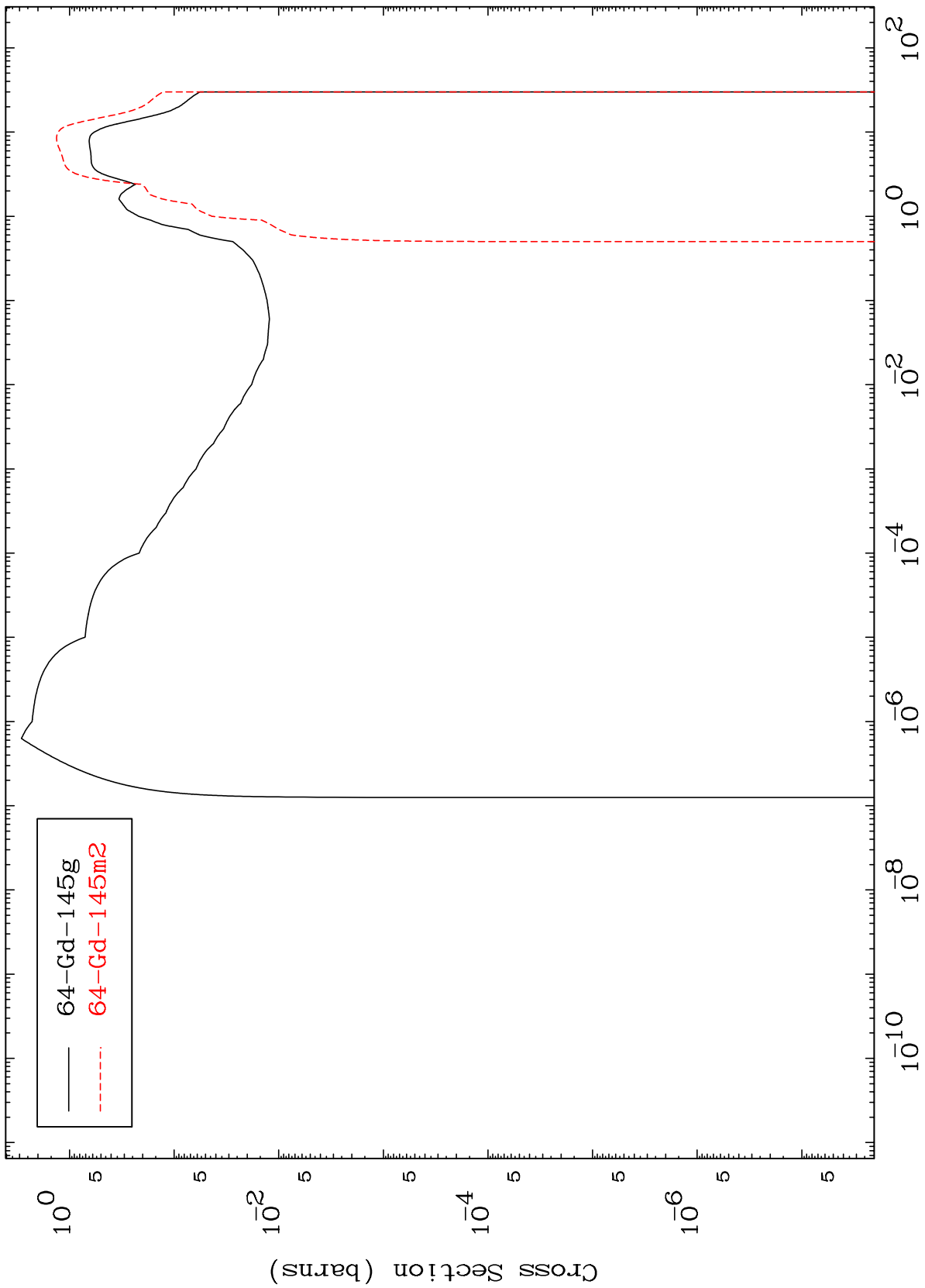
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

Radionuclide Production Cross Section



18

64-Gd-145

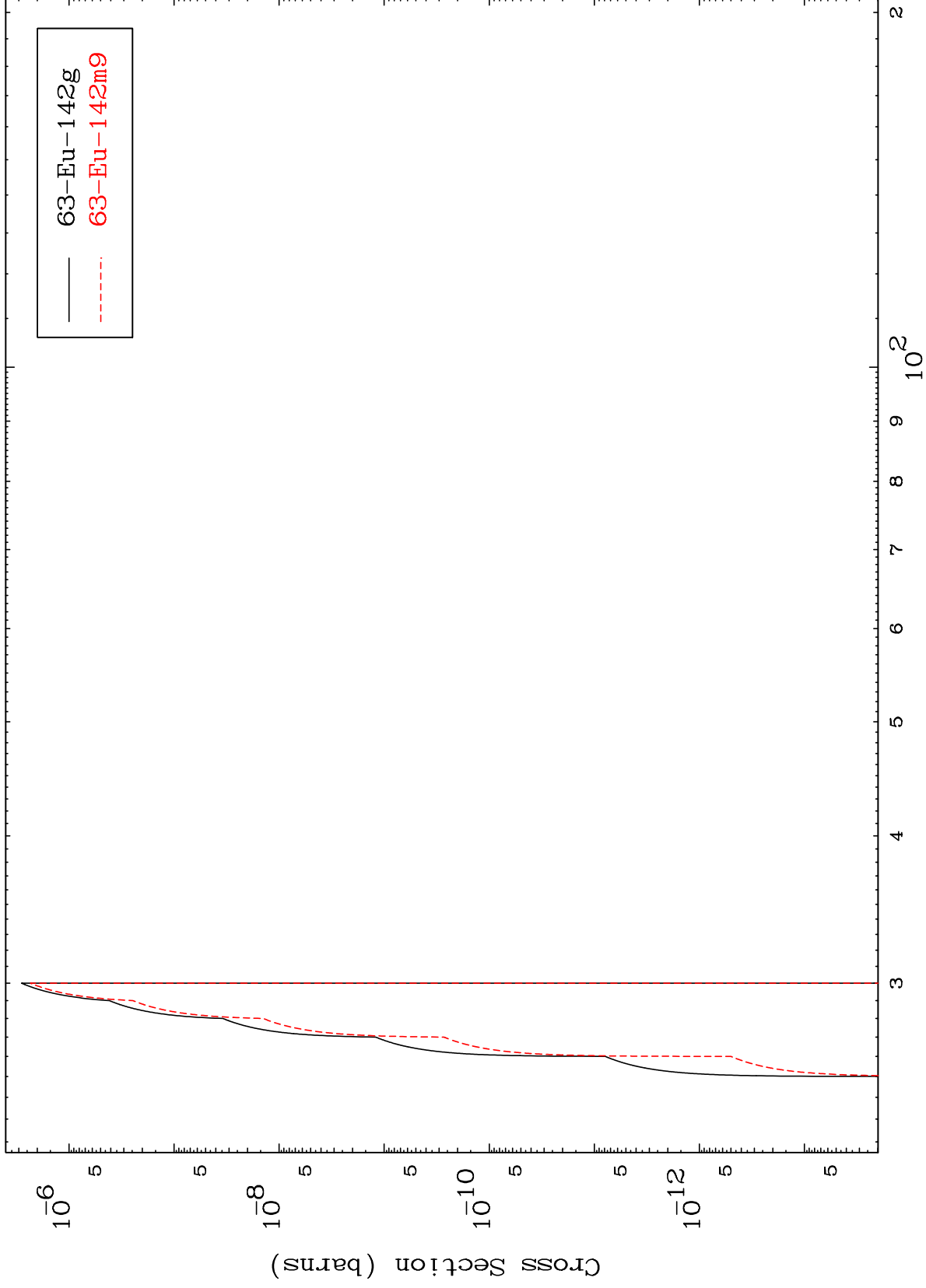
Incident Energy (MeV)

MAT 6405

(n,2n) d

64-Gd-145

Radionuclide Production Cross Section



19

Incident Energy (MeV)

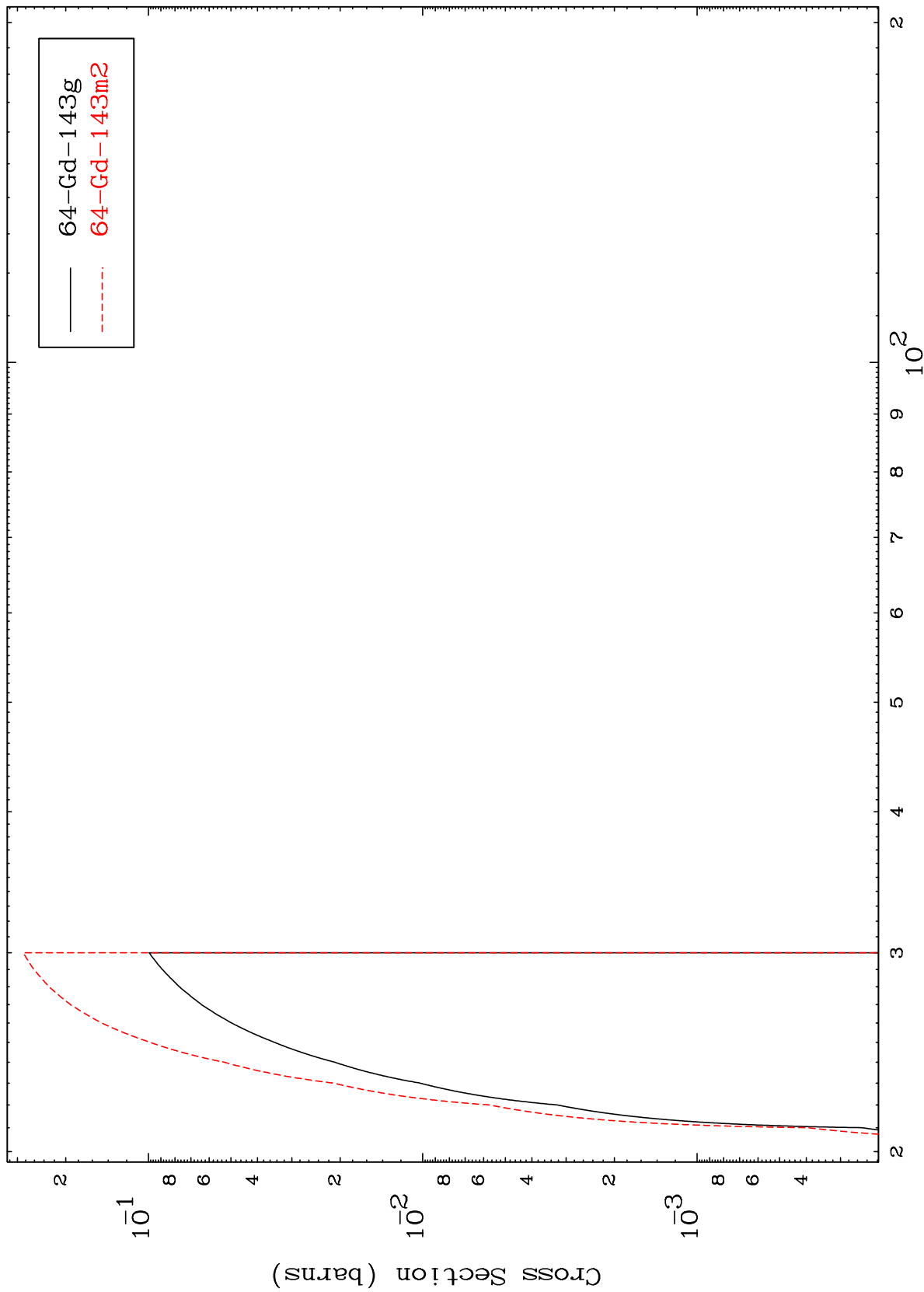
64-Gd-145

MAT 6405

64-Gd-145

(n,3n)

Radionuclide Production Cross Section



64-Gd-145

Incident Energy (MeV)

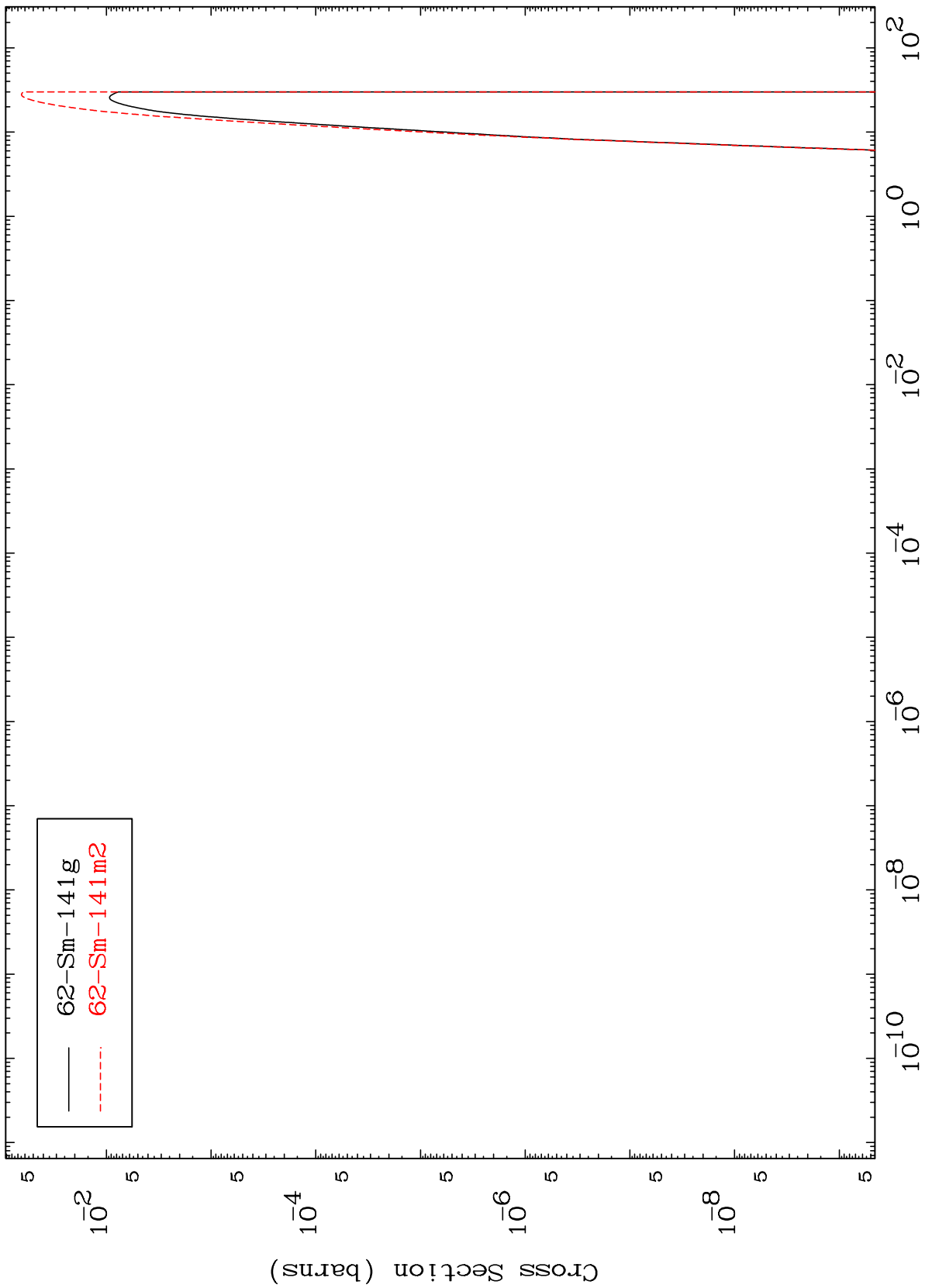
20

MAT 6405

(n, n') α

64-Gd-145

Radionuclide Production Cross Section

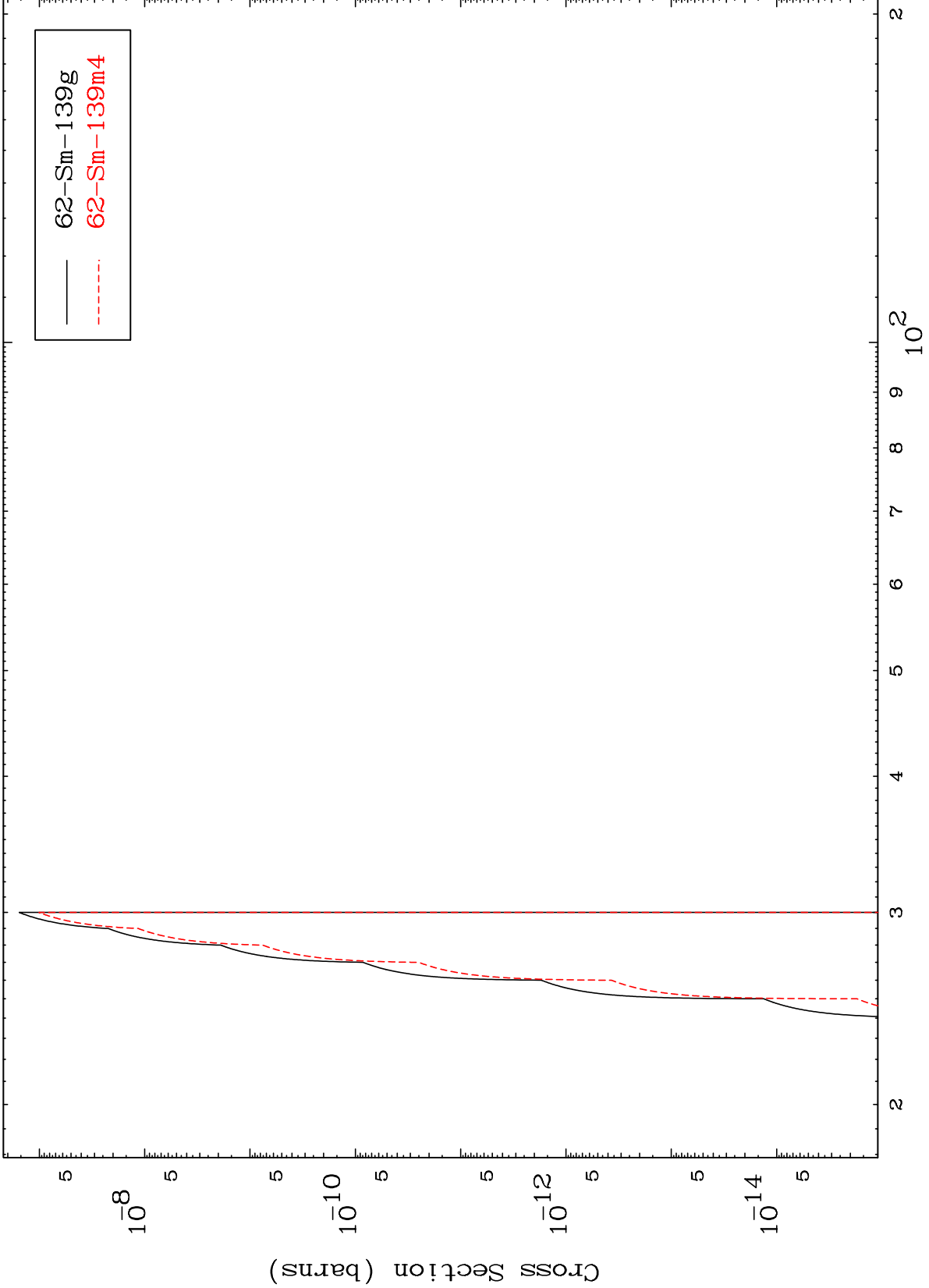


MAT 6405

$(n,3n) \alpha$

64-Gd-145

Radionuclide Production Cross Section



22

Incident Energy (MeV)

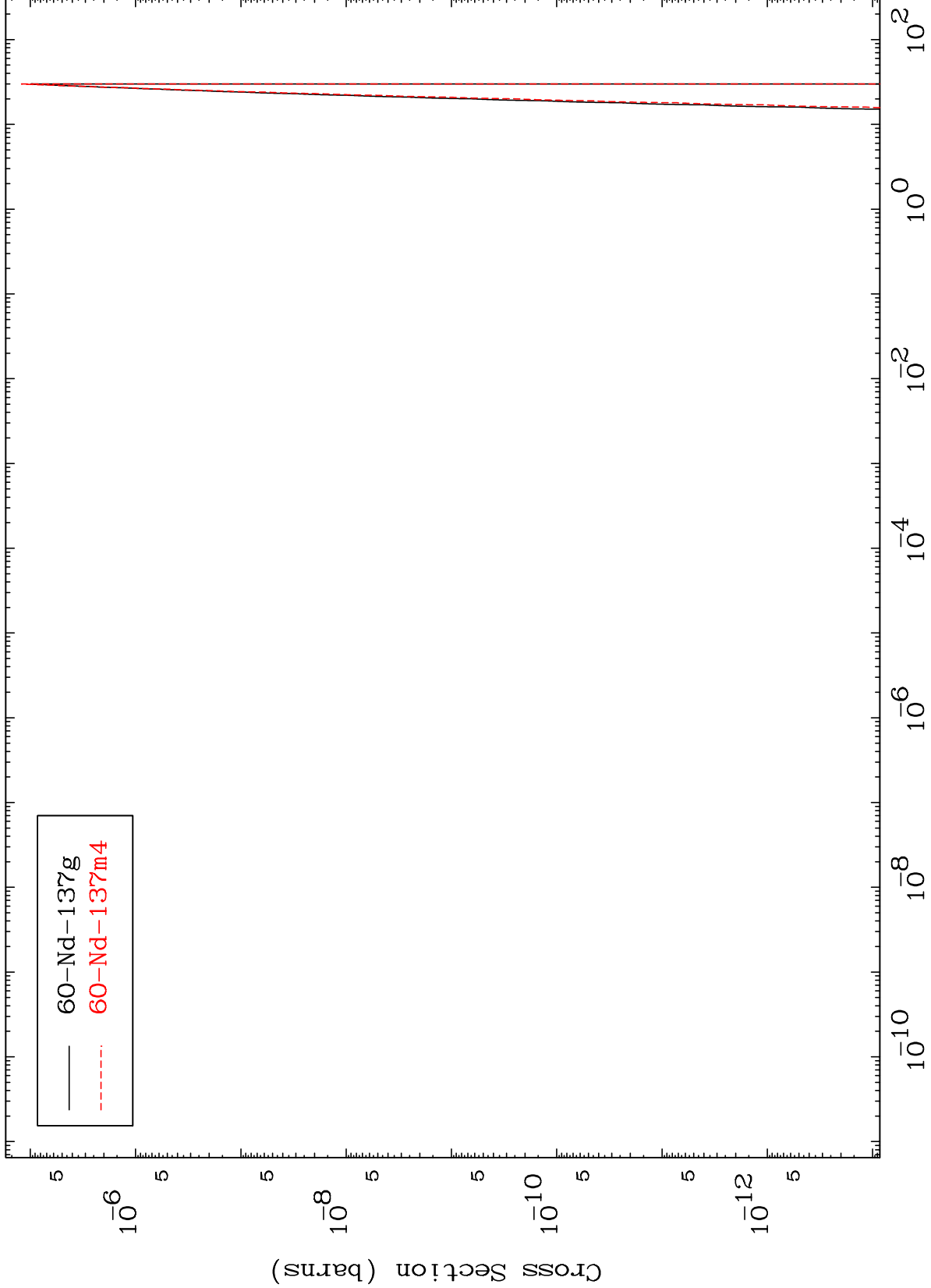
64-Gd-145

MAT 6405

(n,n') 2α

64-Gd-145

Radionuclide Production Cross Section



60-Nd-137g
60-Nd-137m4

Incident Energy (MeV)

64-Gd-145

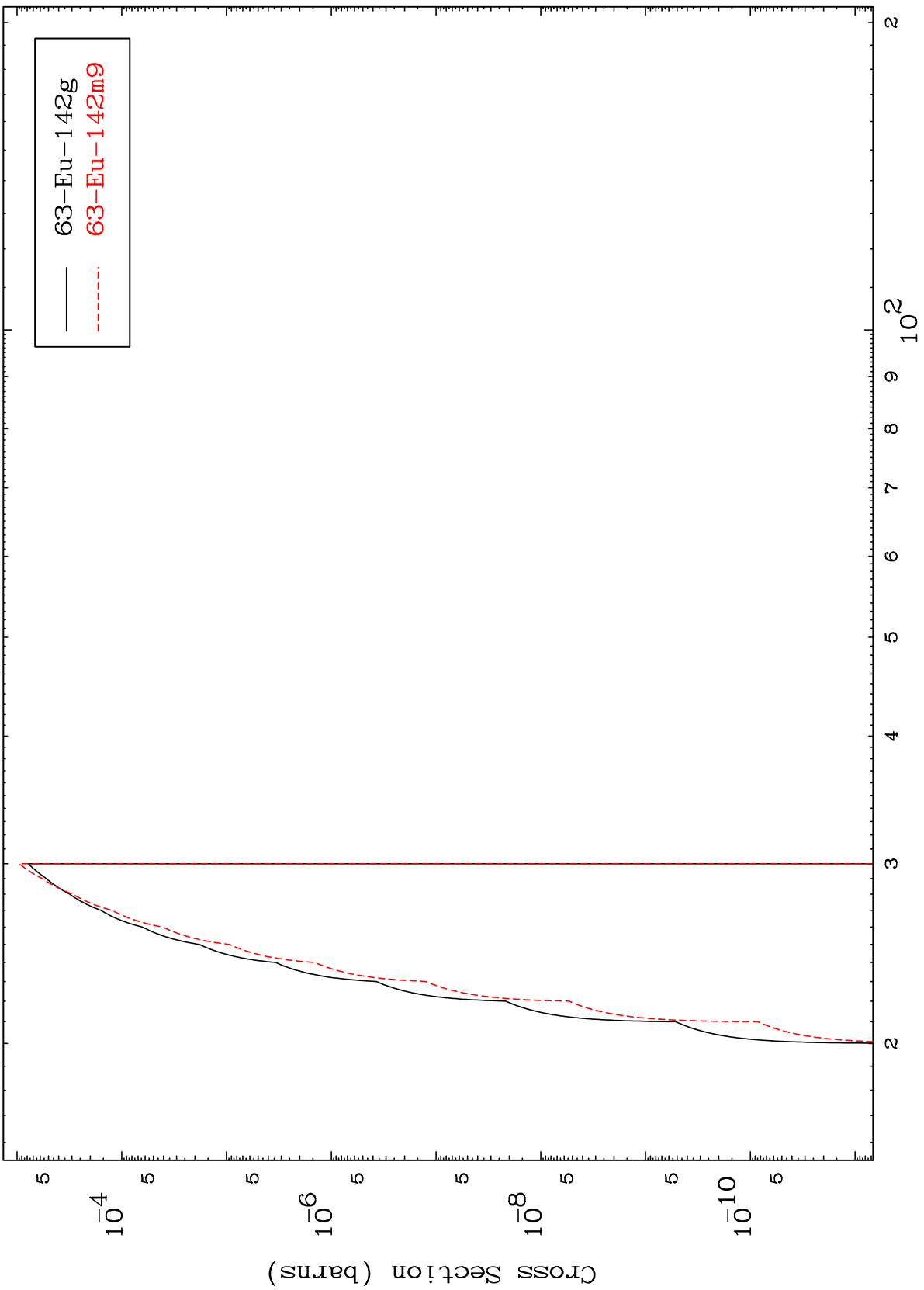
23

MAT 6405

(n,n') t

64-Gd-145

Radionuclide Production Cross Section



24

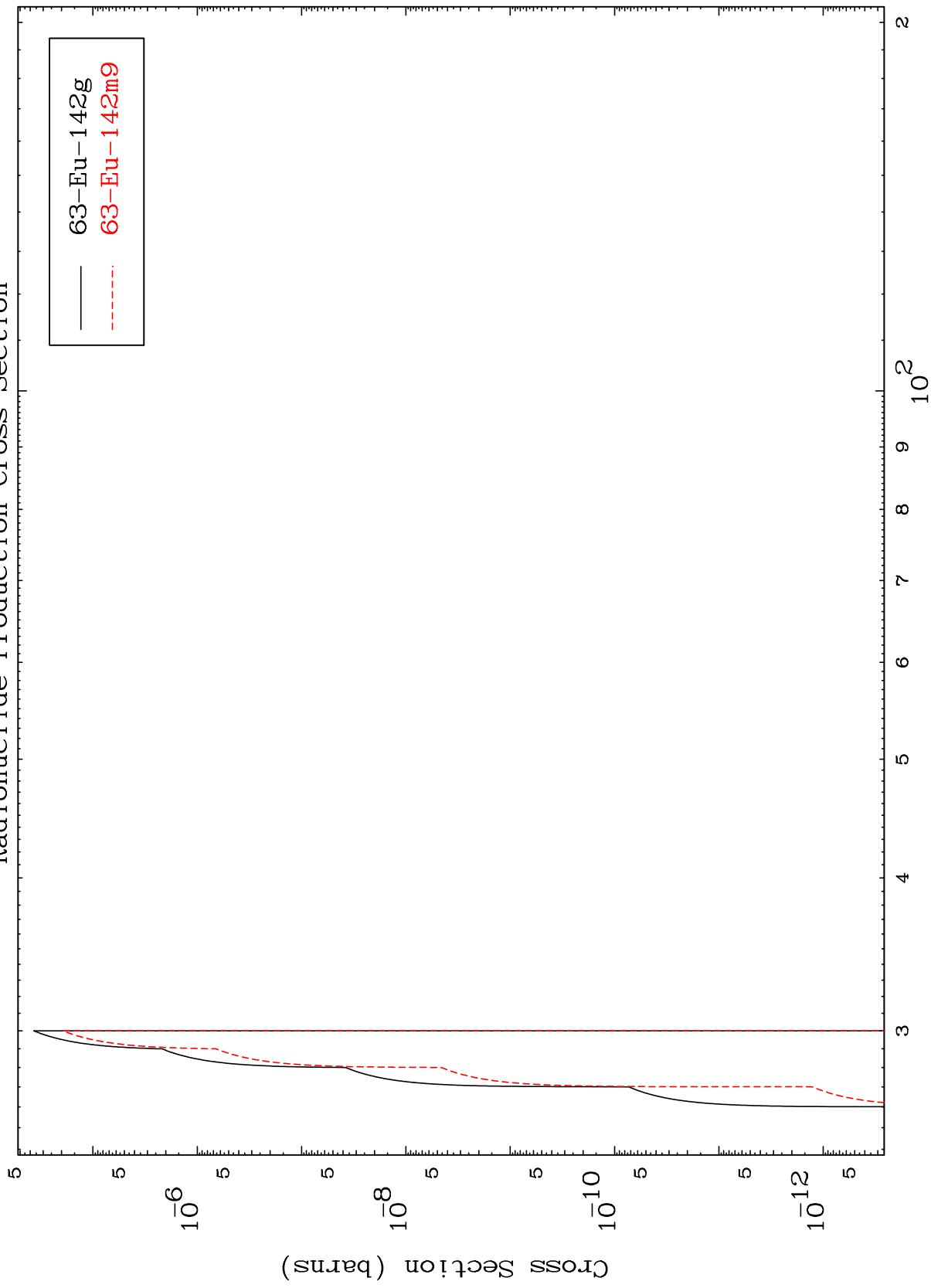
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(n,3n) p
Radionuclide Production Cross Section



25

64-Gd-145

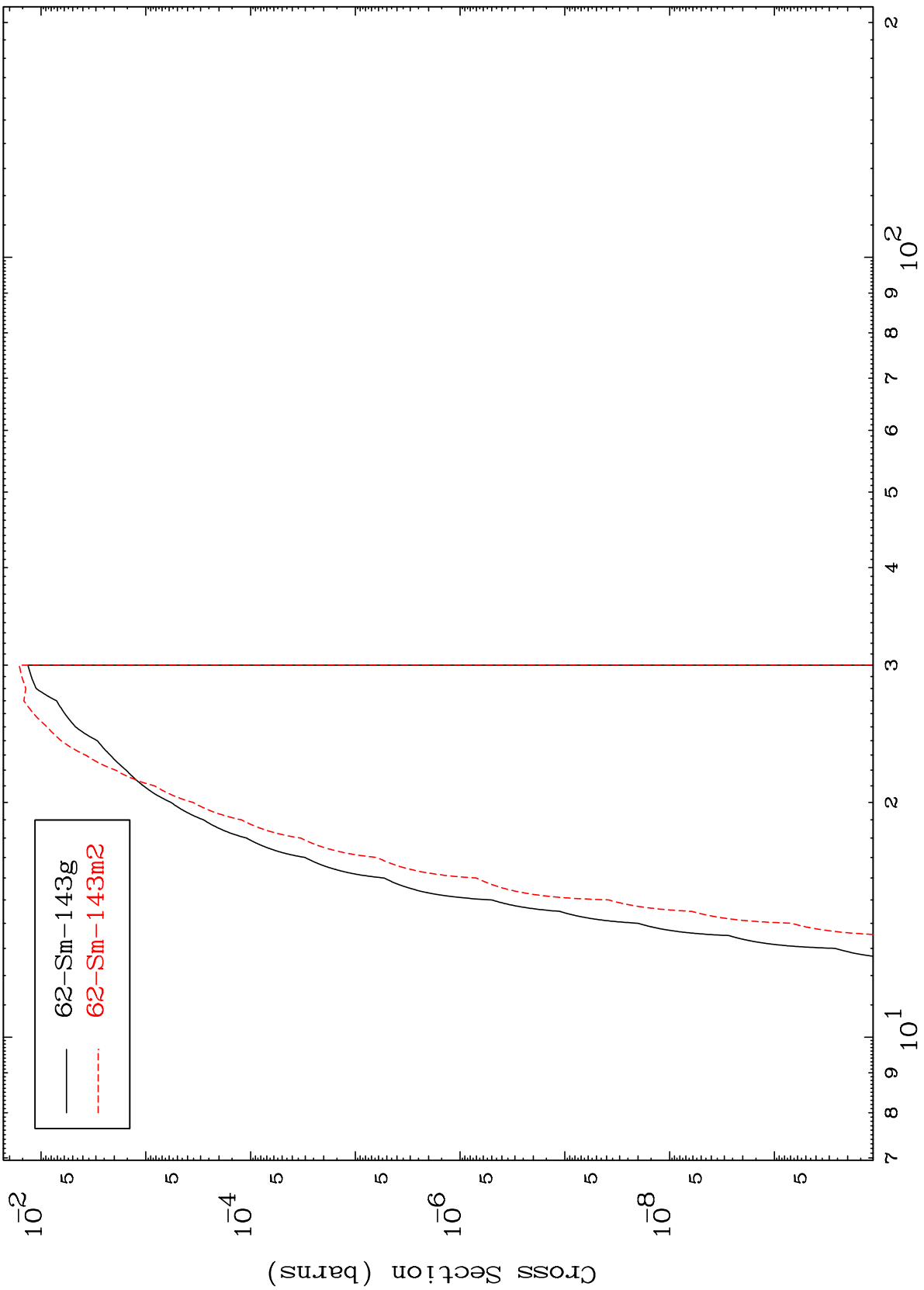
Incident Energy (MeV)

MAT 6405

(n,2n) p

64-Gd-145

Radionuclide Production Cross Section



26

Incident Energy (MeV)

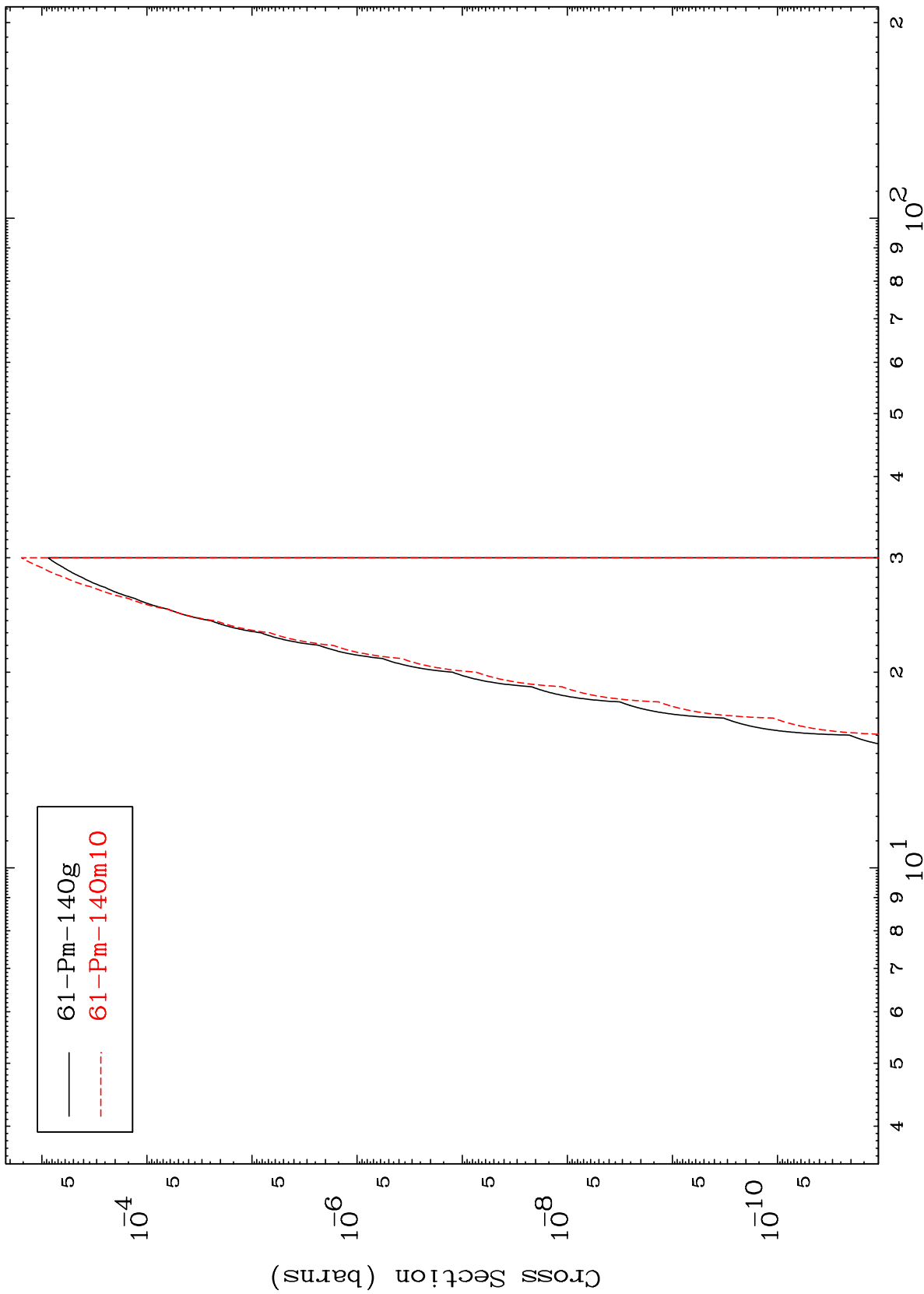
64-Gd-145

MAT 6405

(n,n') p α

64-Gd-145

Radionuclide Production Cross Section



27

Incident Energy (MeV)

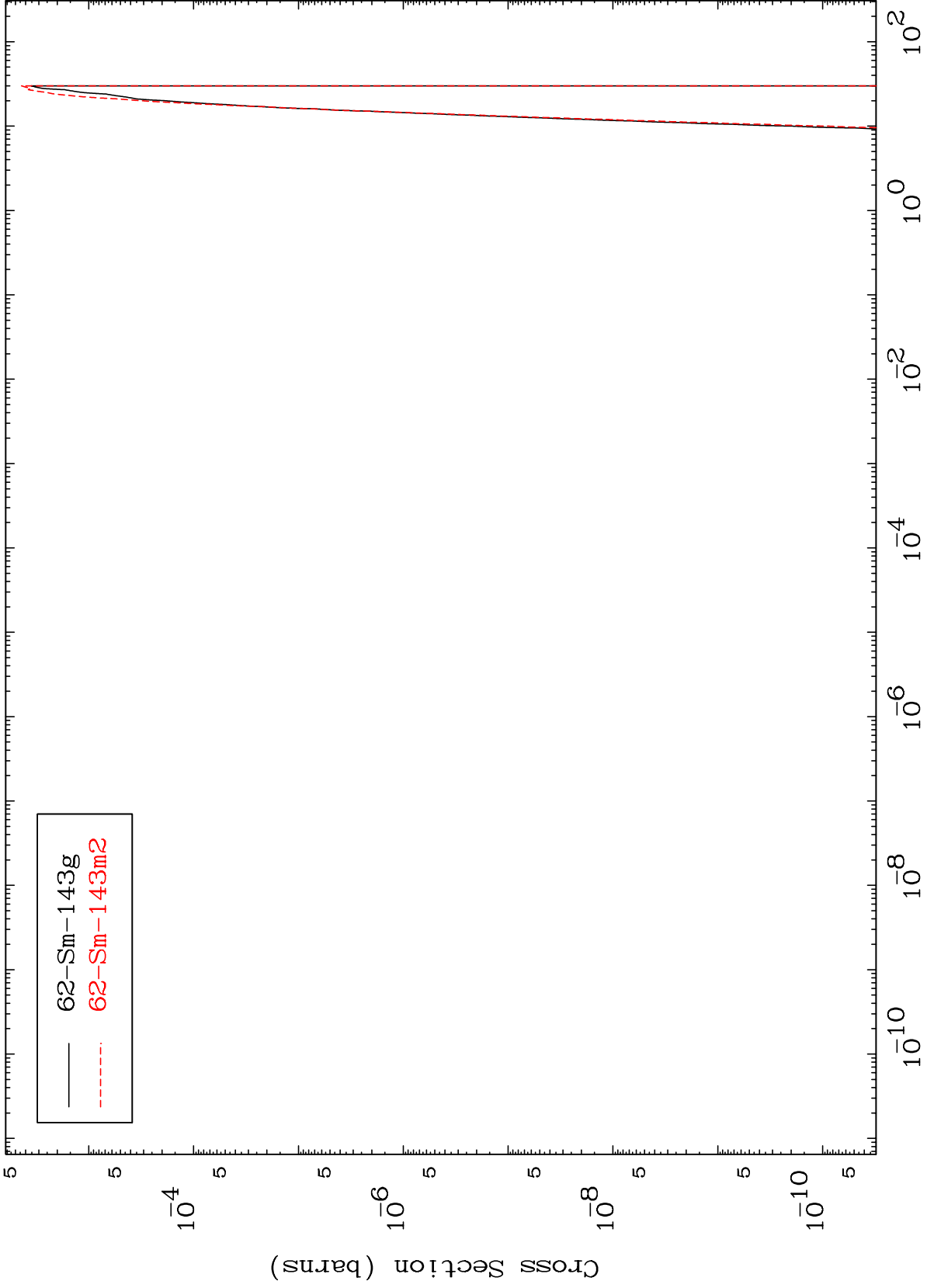
64-Gd-145

MAT 6405

(n,He-3)

64-Gd-145

Radionuclide Production Cross Section

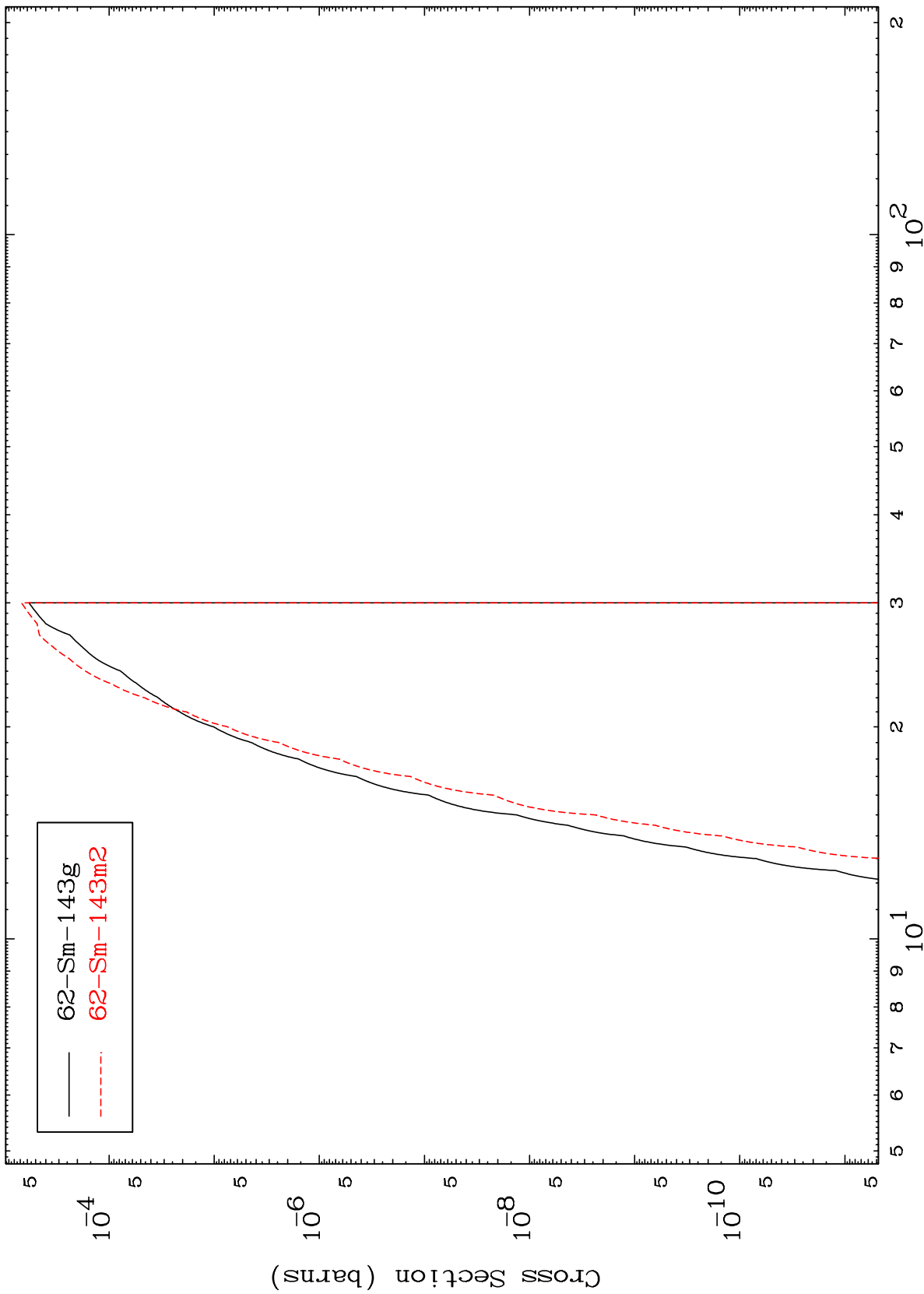


MAT 6405

(n,p) d

64-Gd-145

Radionuclide Production Cross Section



29

Incident Energy (MeV)

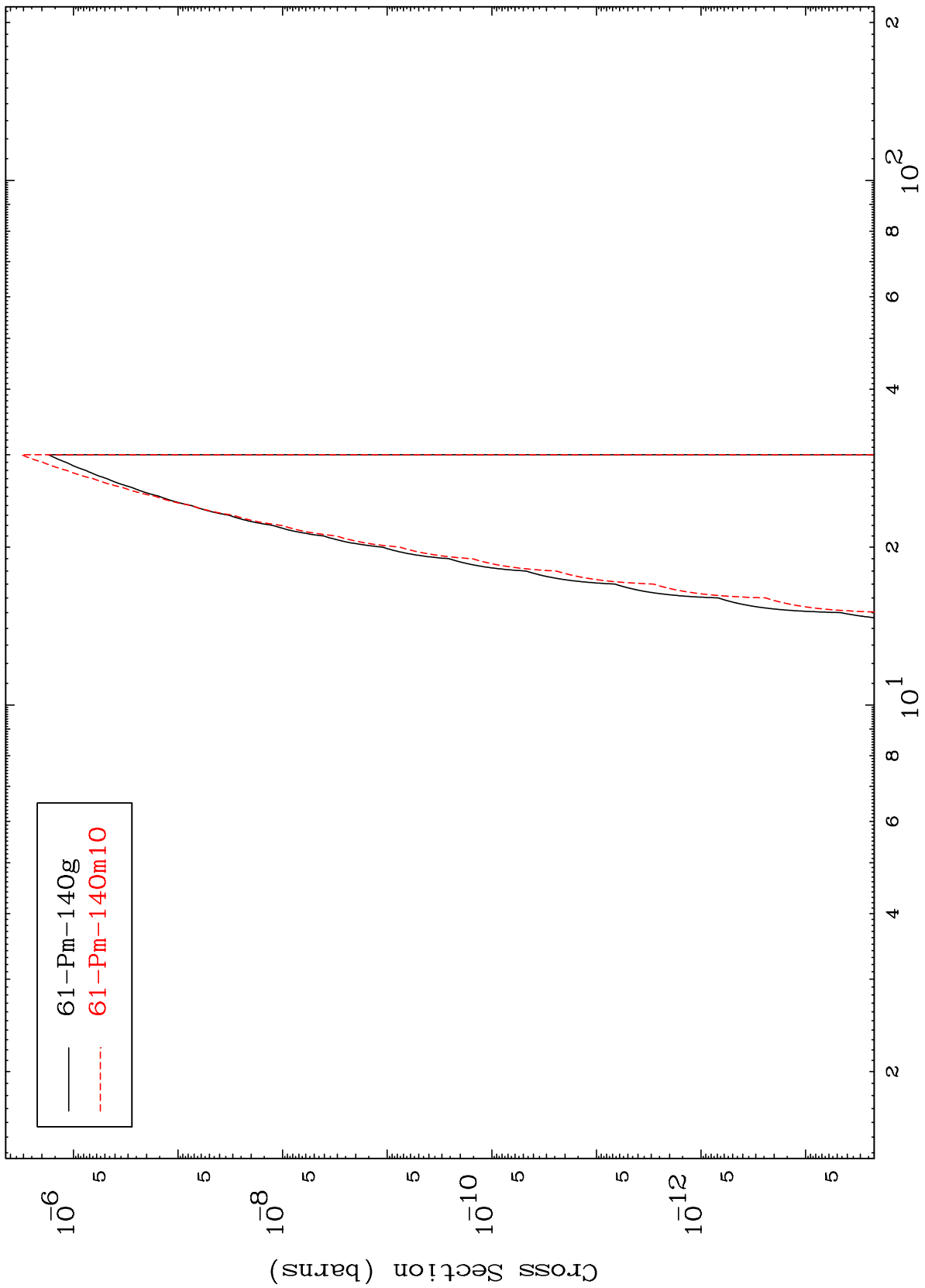
64-Gd-145

MAT 6405

(n,d) α

64-Gd-145

Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

30

Incident Energy (MeV)

64-Gd-145