

Program EVALPLOT
(Version 2021-1)

by

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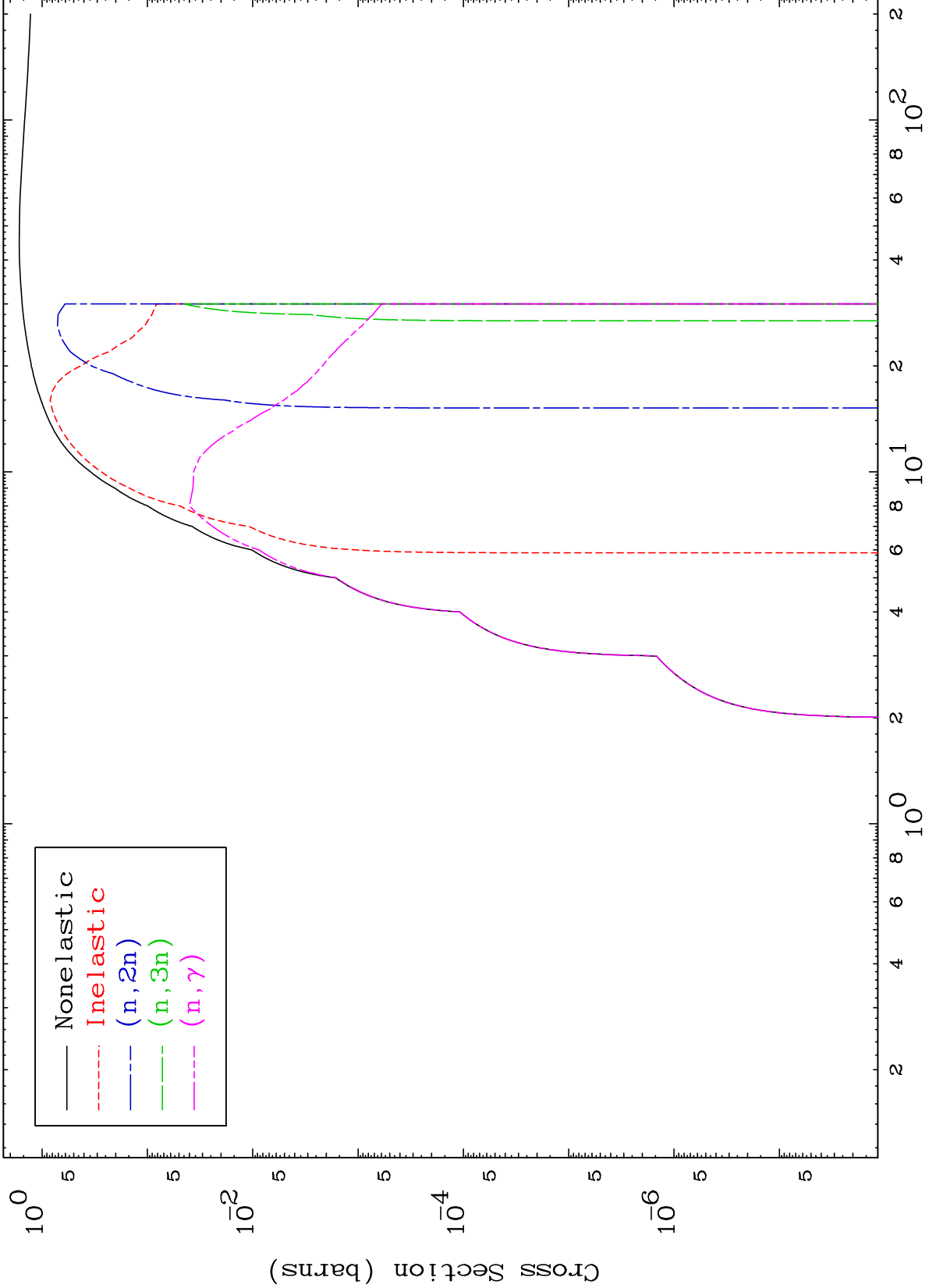
Press Mouse Button to Start

MAT 6307

Proton Major

63-Eu-145

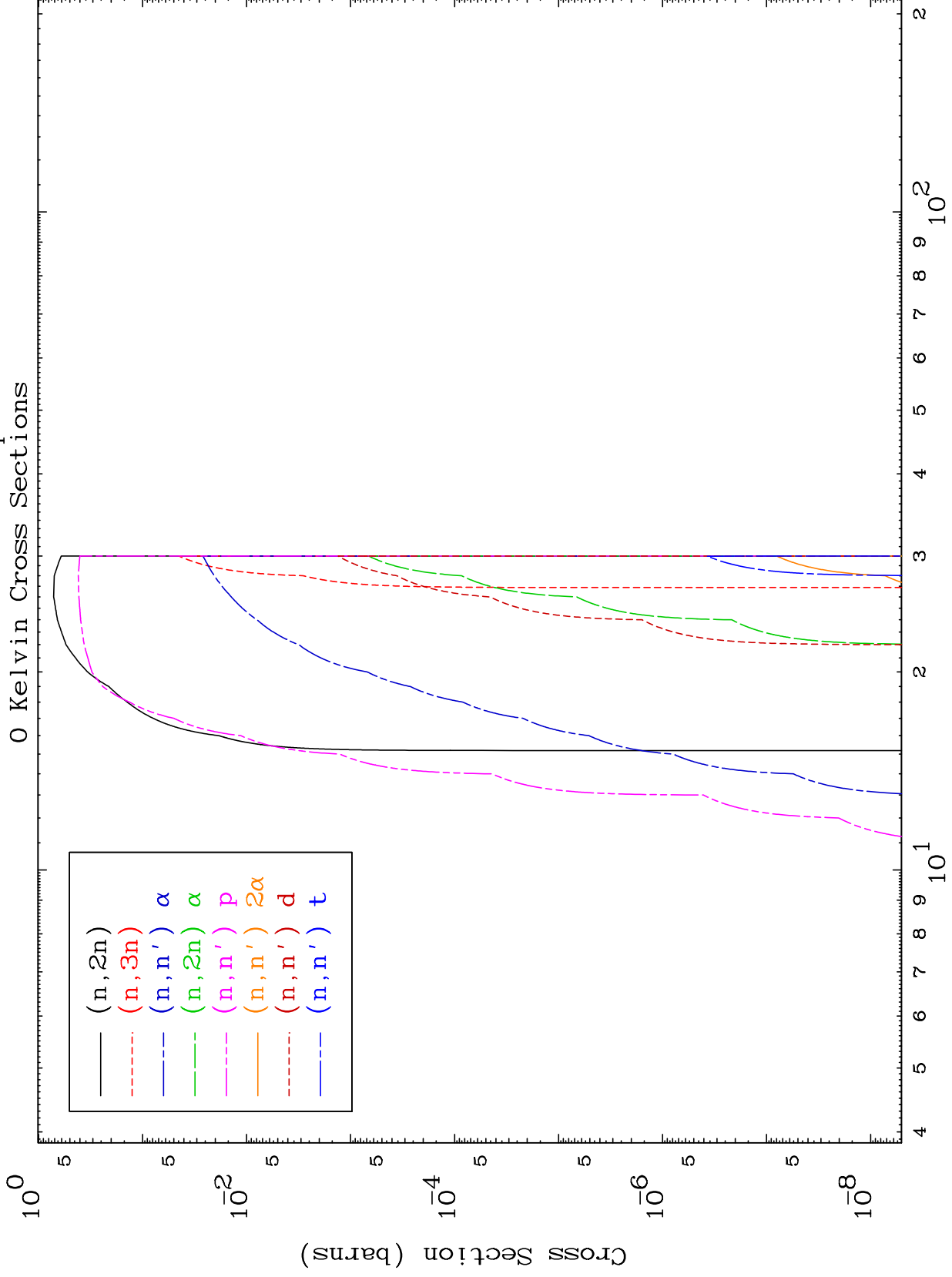
0 Kelvin Cross Sections



MAT 6307

Proton Neutron Absorption
0 Kelvin Cross Sections

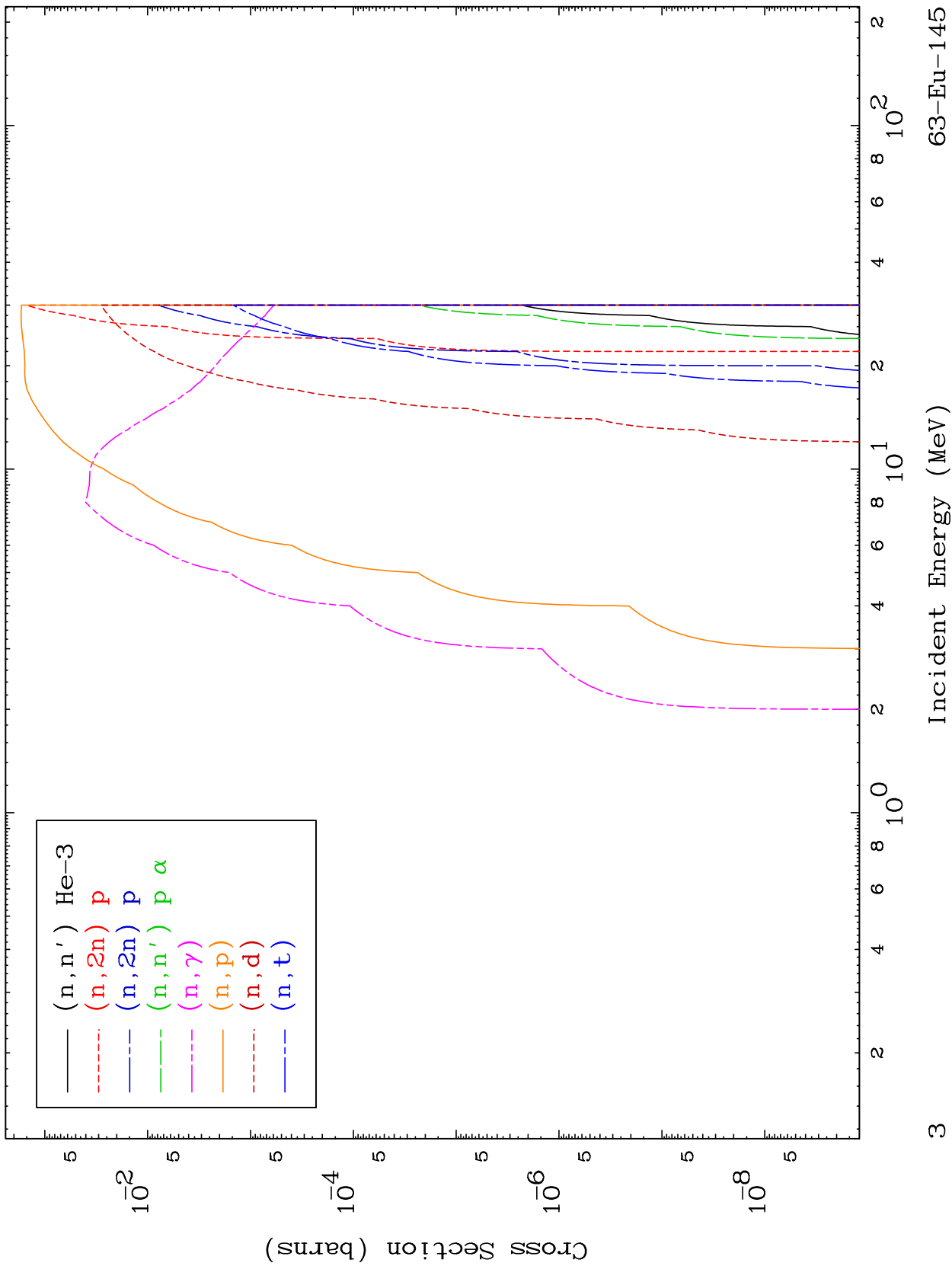
63-Eu-145

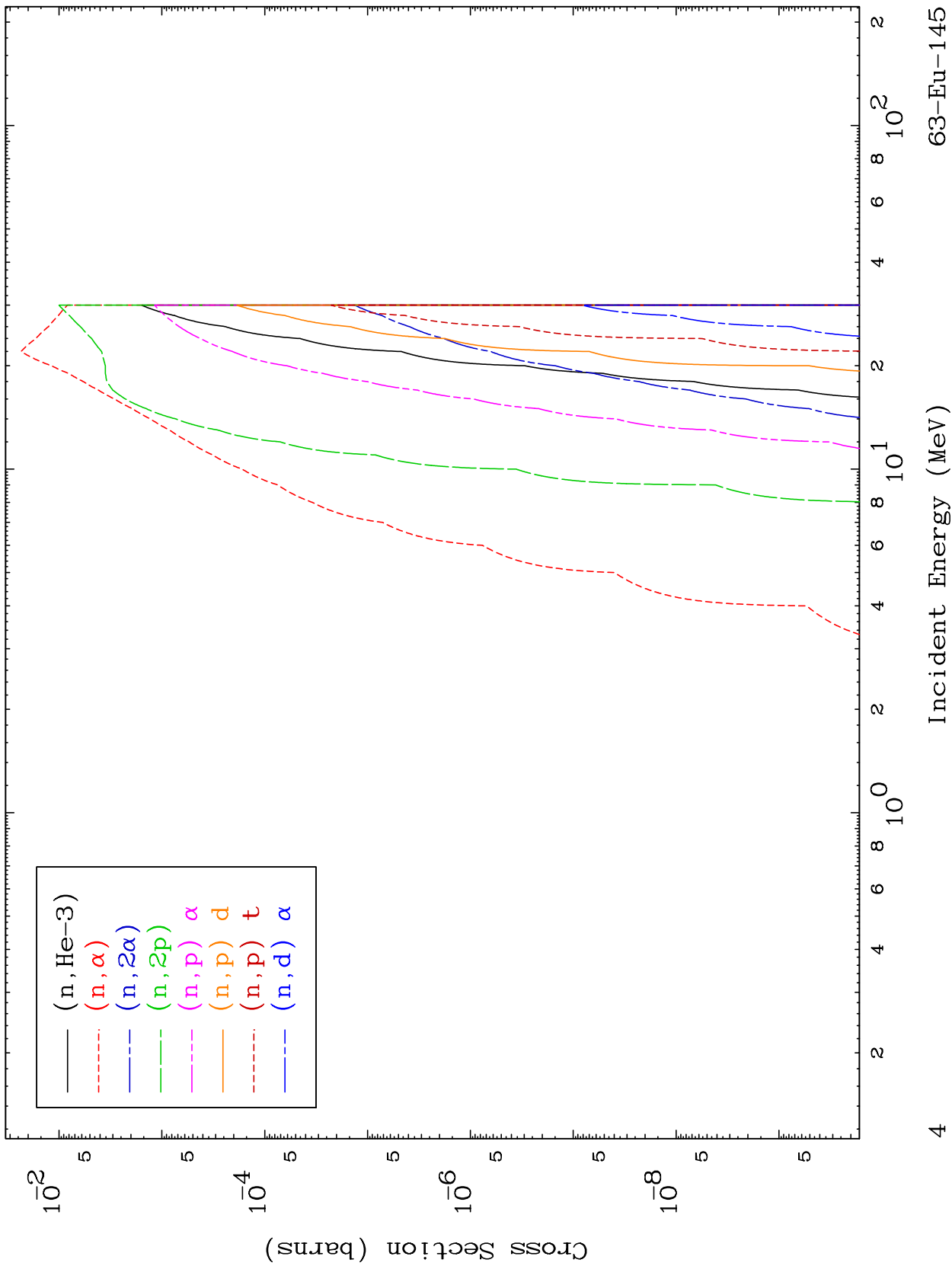


2

Incident Energy (MeV)

63-Eu-145

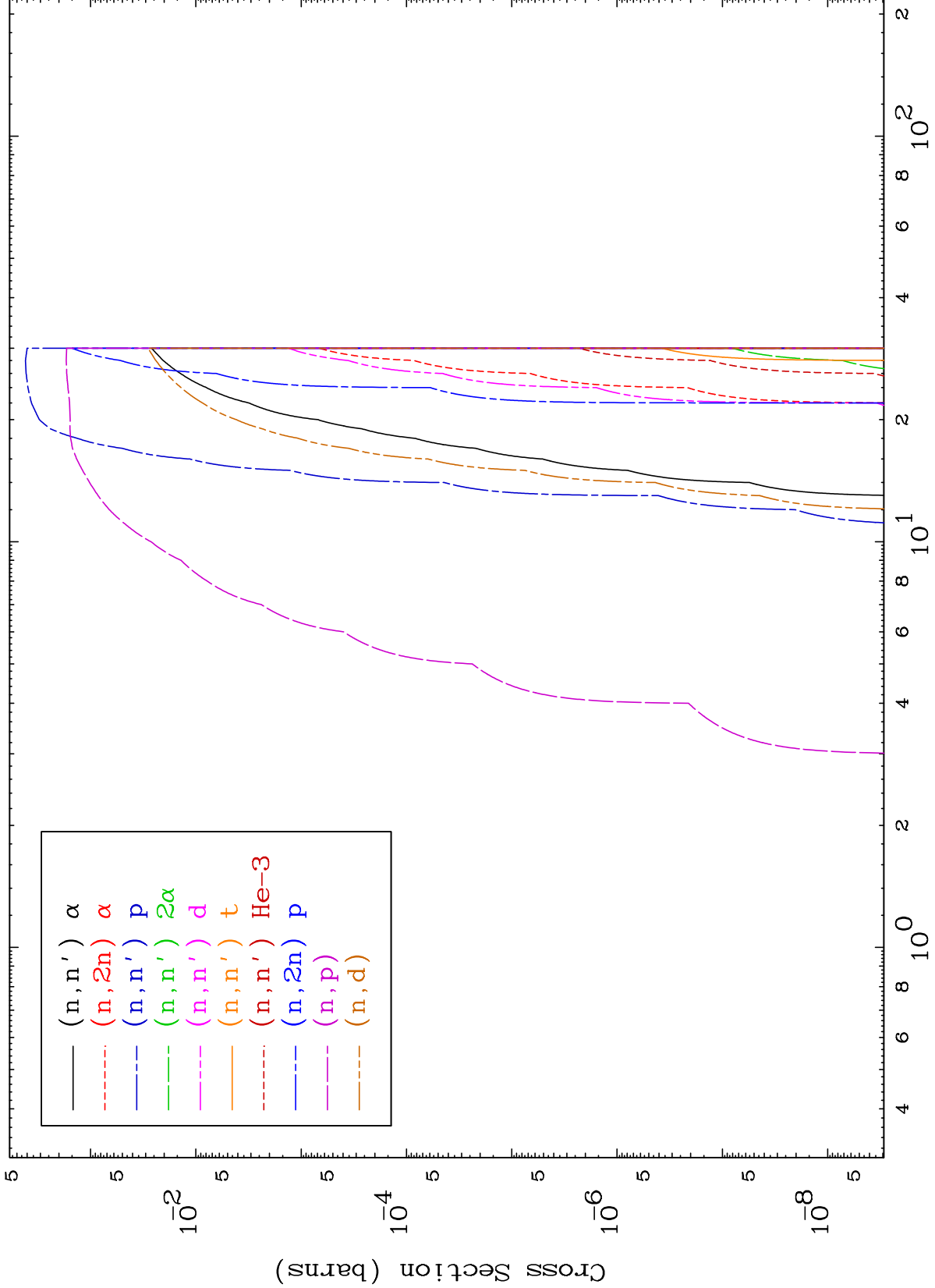




MAT 6307

Proton Charged Particle
0 Kelvin Cross Sections

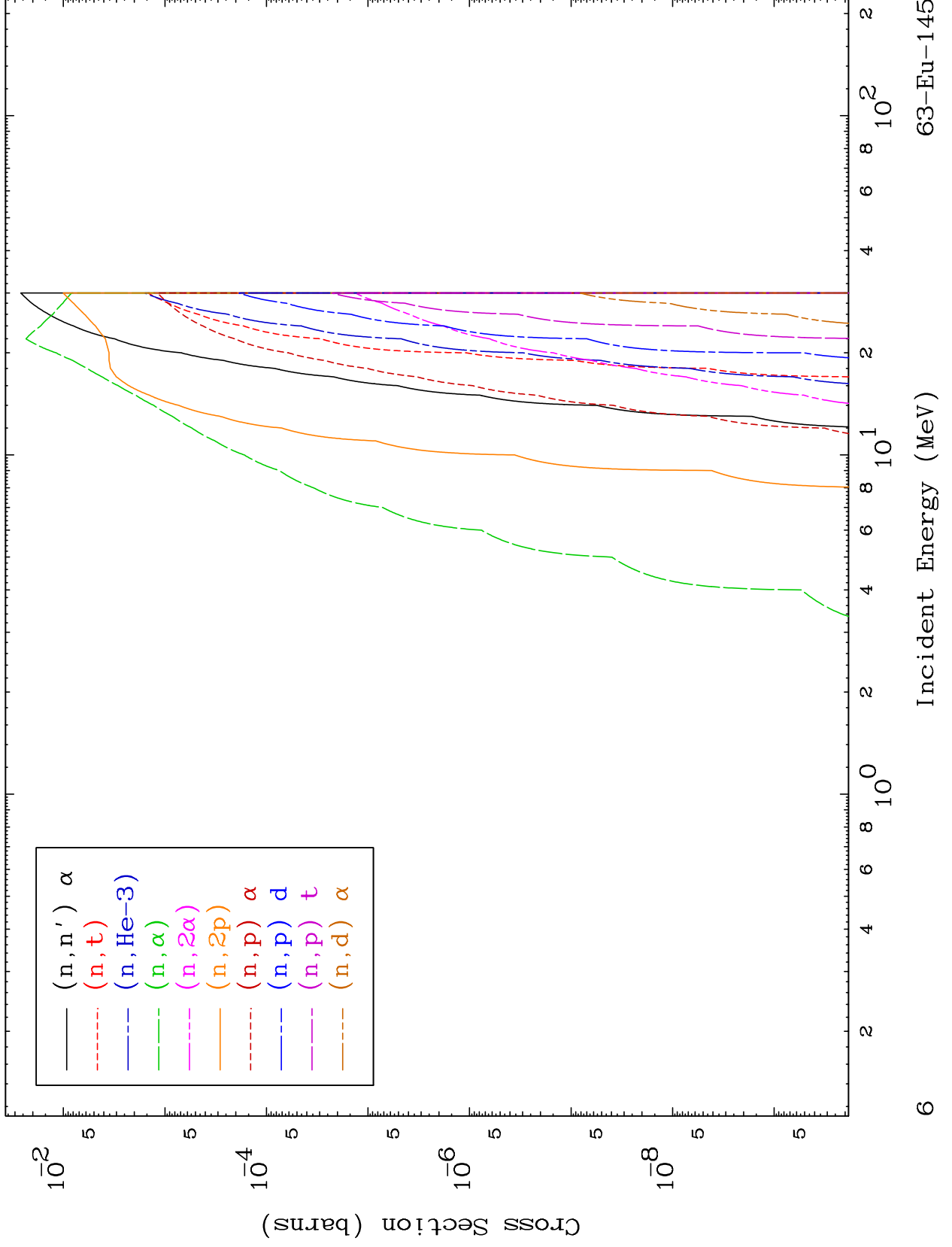
63-Eu-145



5

Incident Energy (MeV)

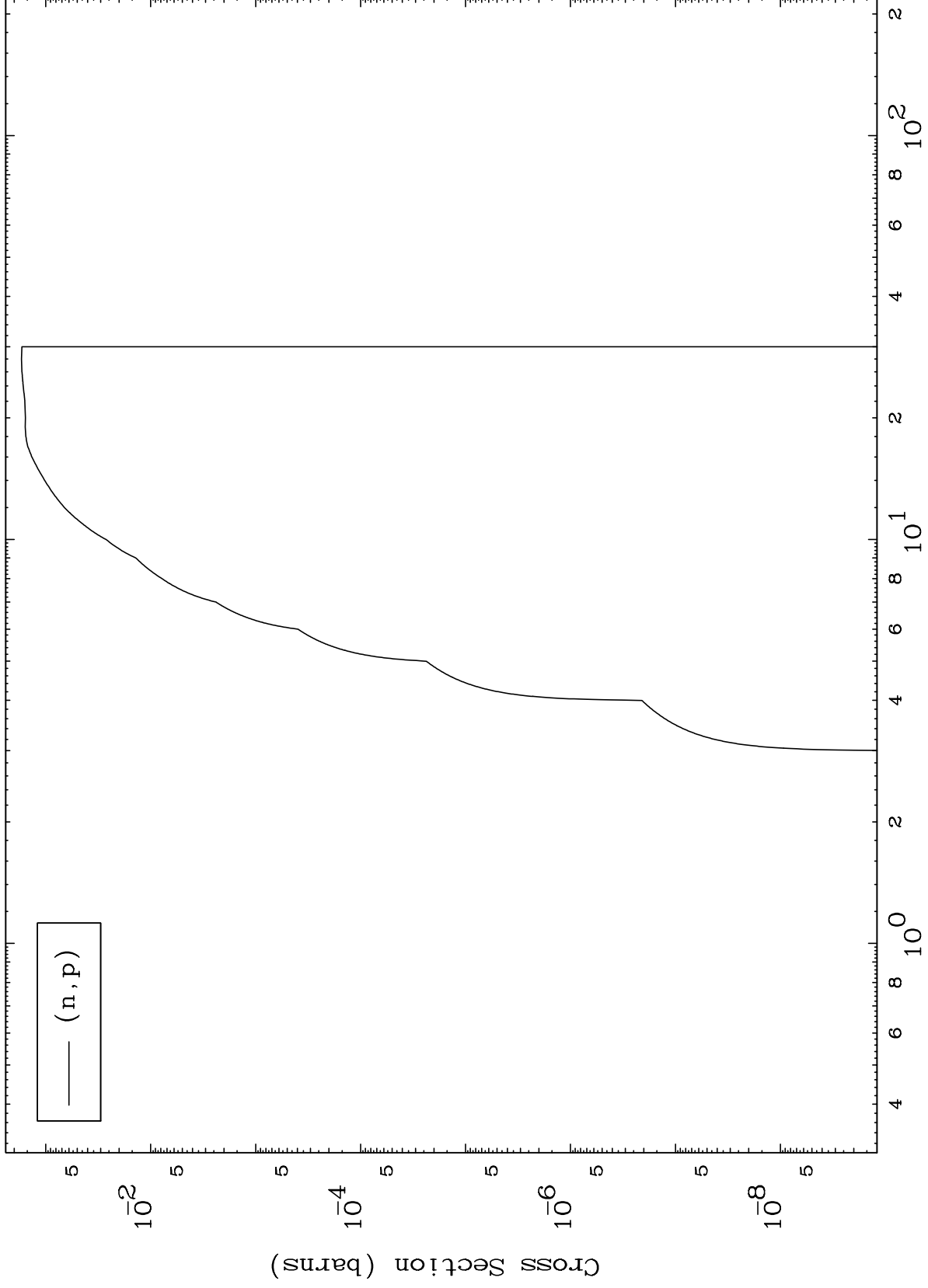
63-Eu-145



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(p,p) Levels
0 Kelvin Cross Sections

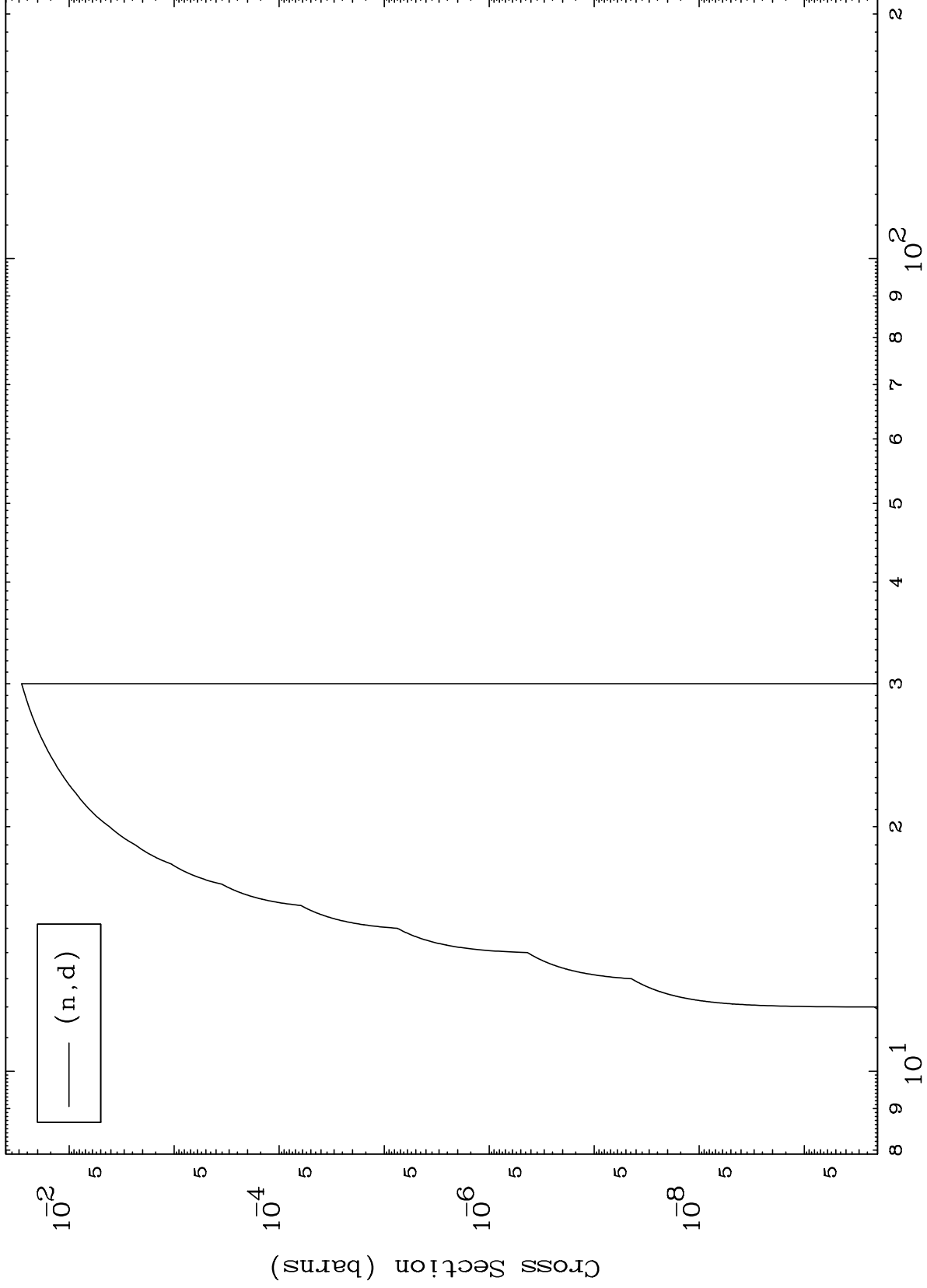
63-Eu-145



MAT 6307

(p,d) Levels
0 Kelvin Cross Sections

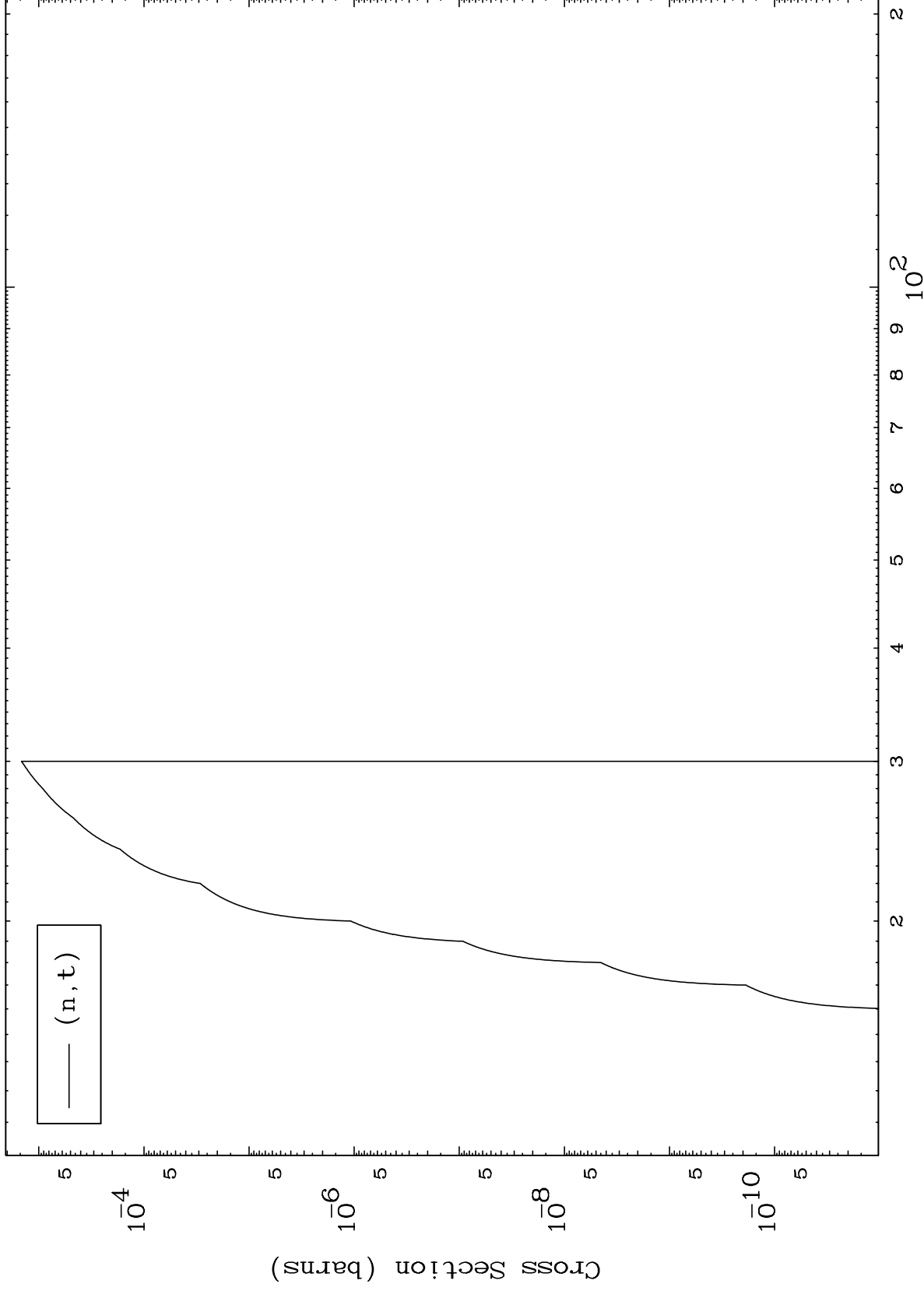
63-Eu-145



8

Incident Energy (MeV)

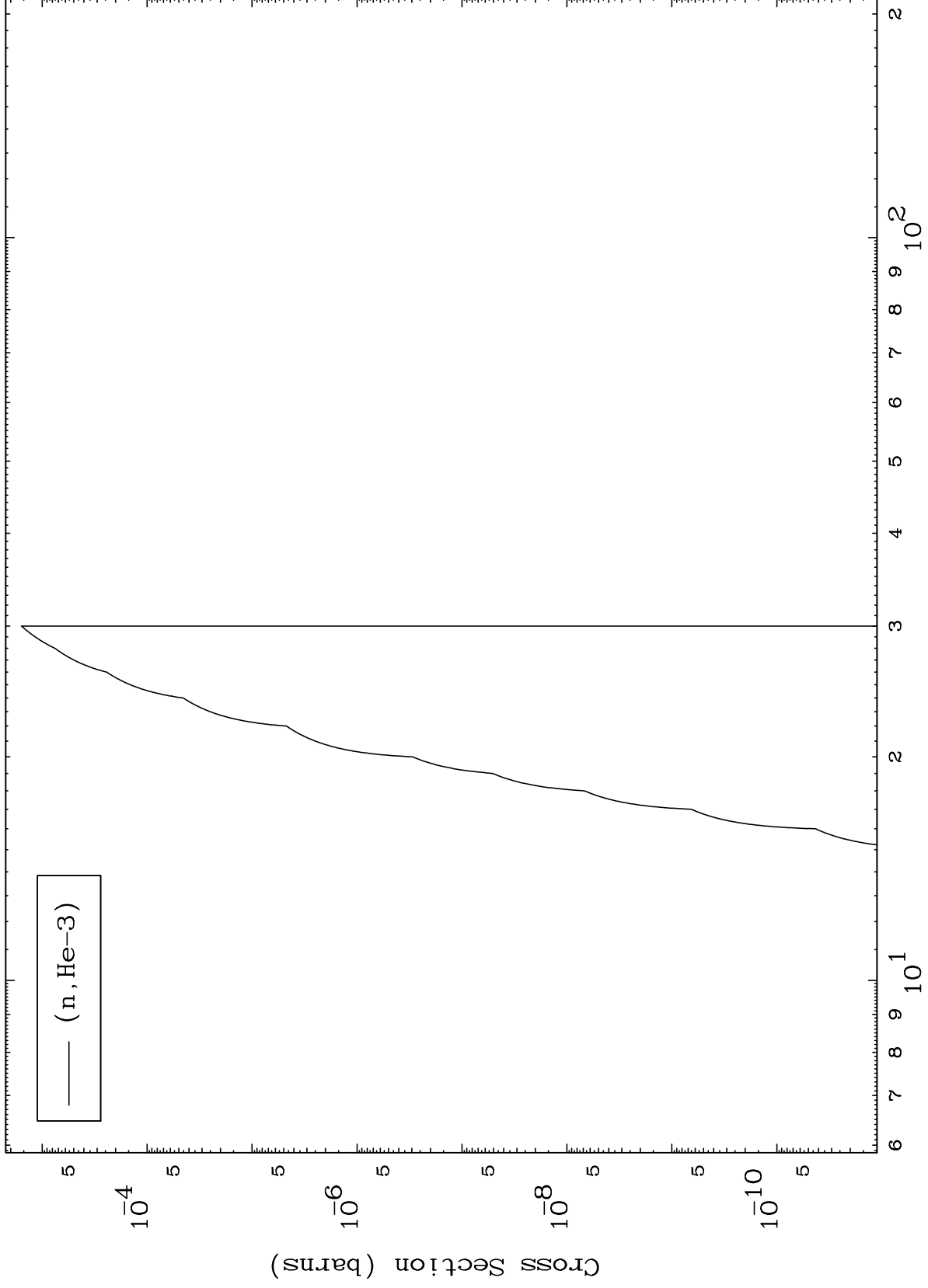
63-Eu-145



MAT 6307

(p,He3) Levels
0 Kelvin Cross Sections

63-Eu-145



10

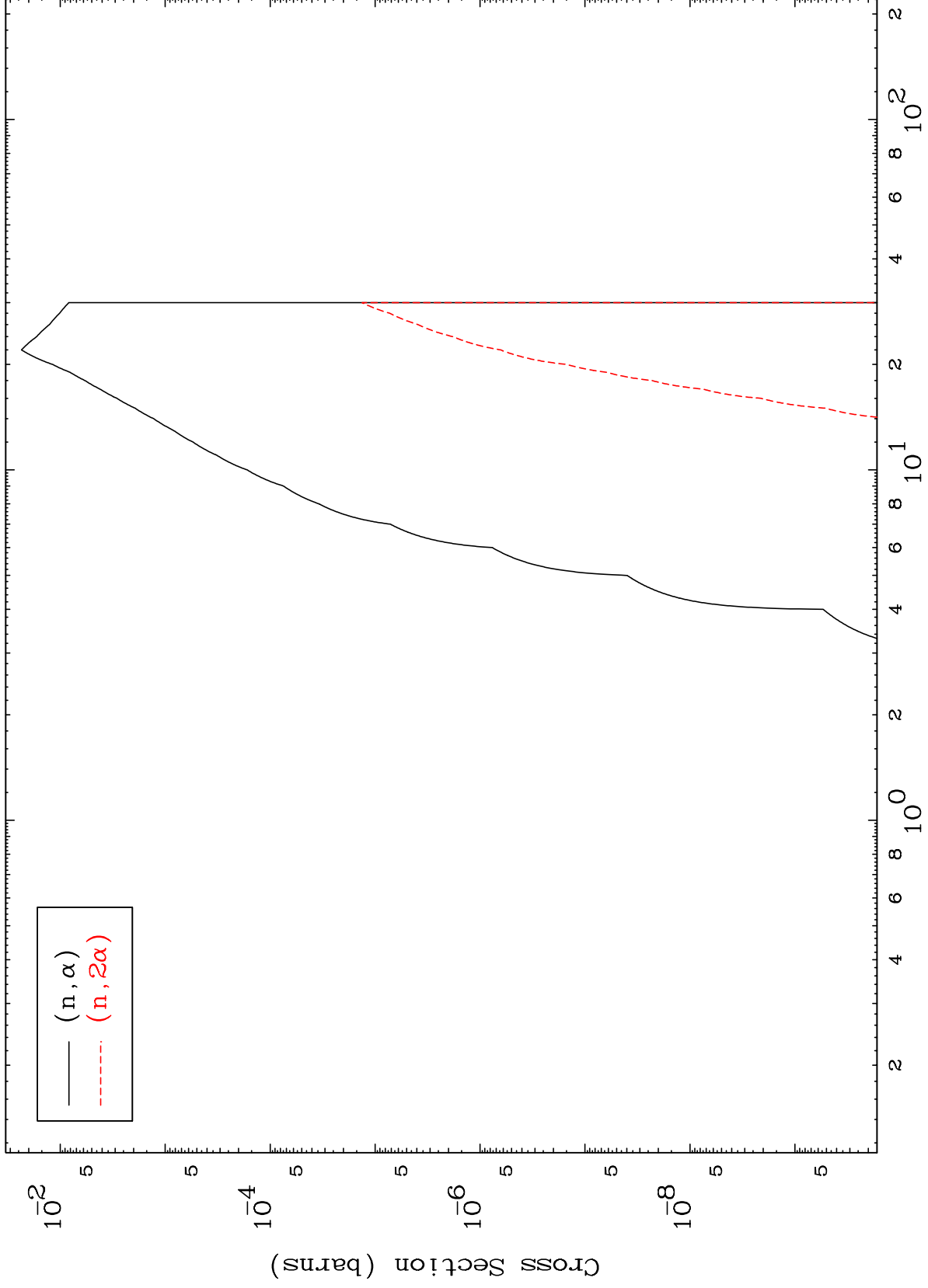
Incident Energy (MeV)

63-Eu-145

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(p, α) Levels
0 Kelvin Cross Sections

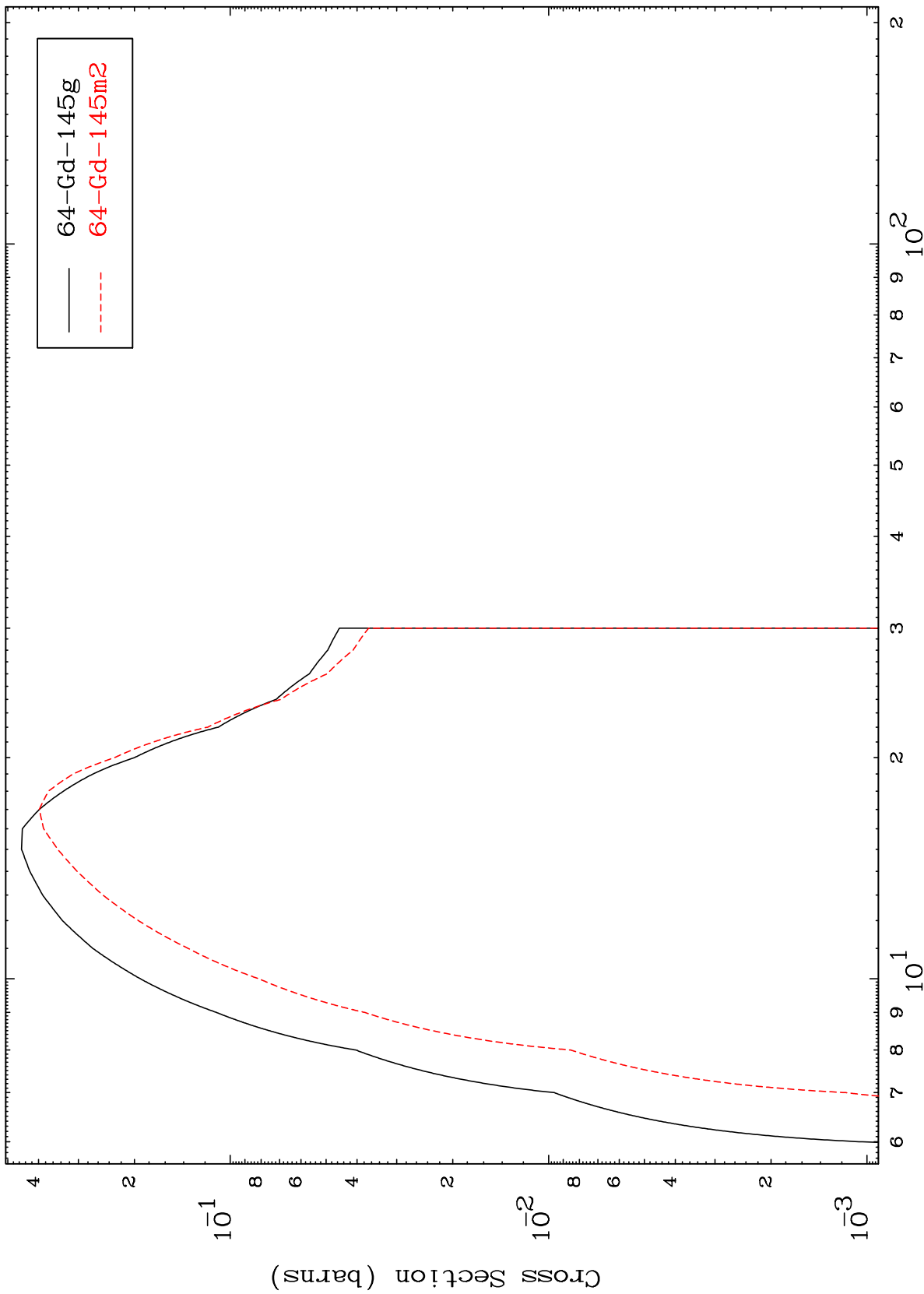
63-Eu-145



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63-Eu-145

Inelastic
Radionuclide Production Cross Section



63-Eu-145

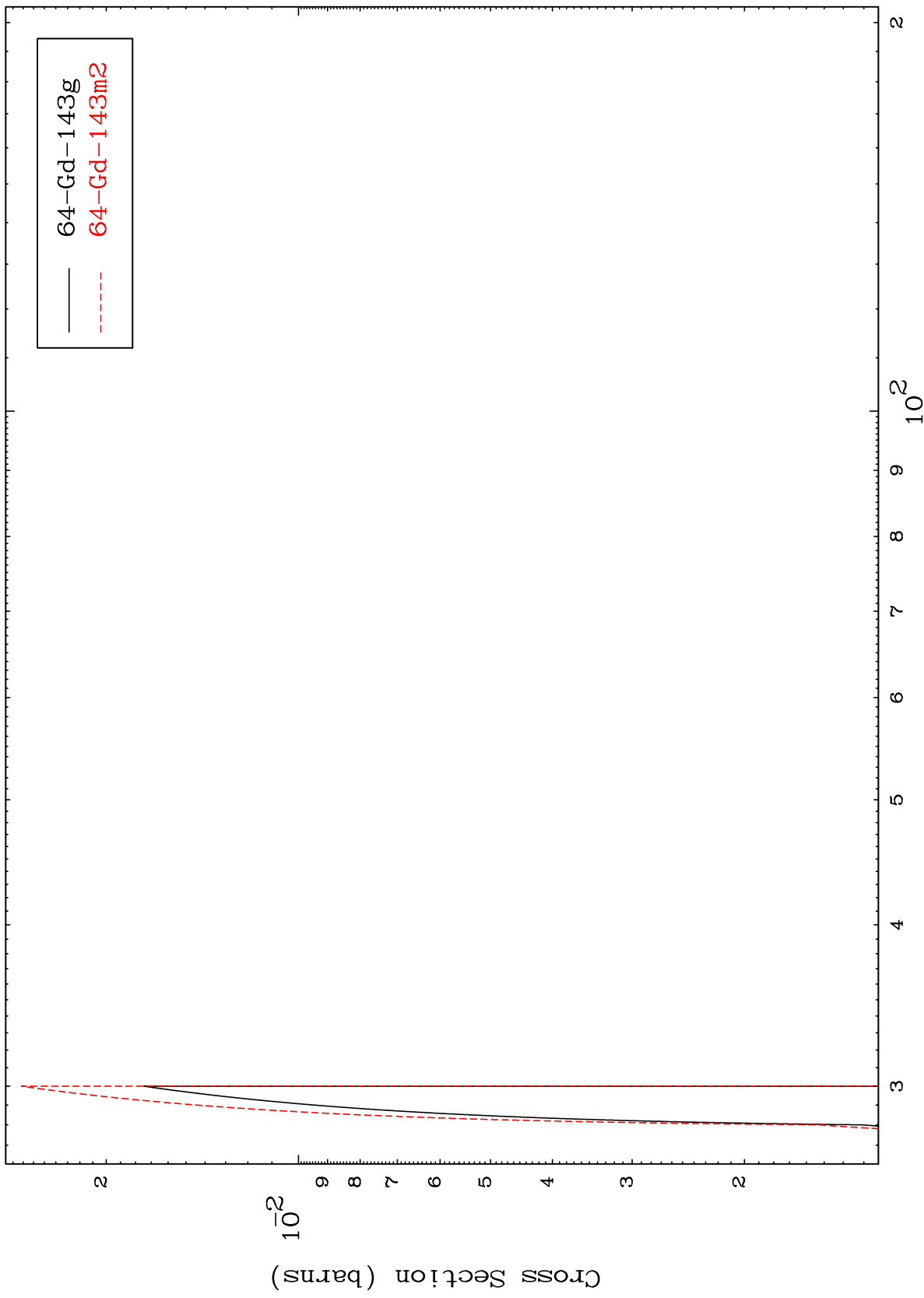
Incident Energy (MeV)

12

MAT 6307

63-Eu-145

(n,3n)
Radionuclide Production Cross Section



13

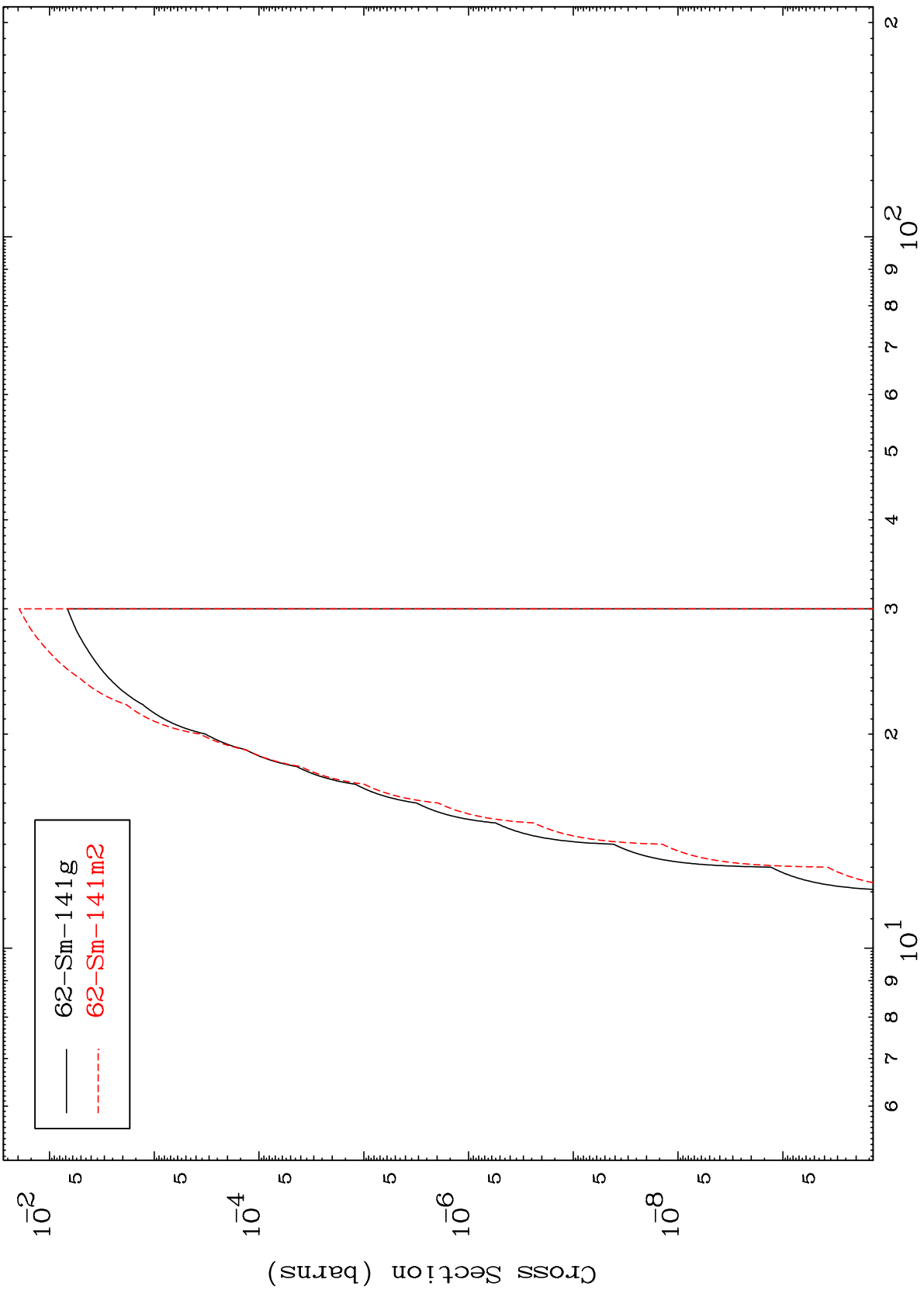
63-Eu-145

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$(n, n') \alpha$

63-Eu-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

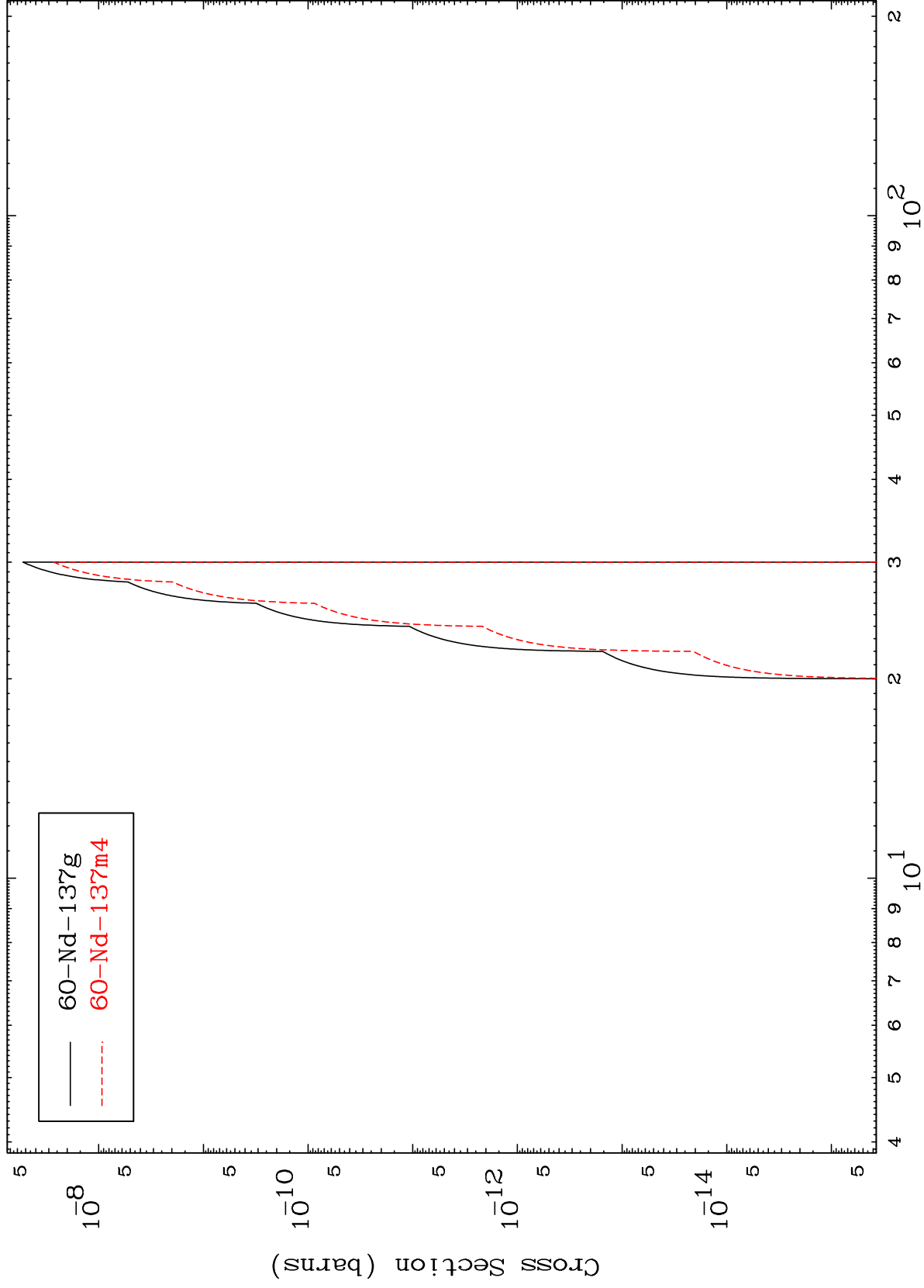
63-Eu-145

MAT 6307

(n,n') 2α

63-Eu-145

Radionuclide Production Cross Section



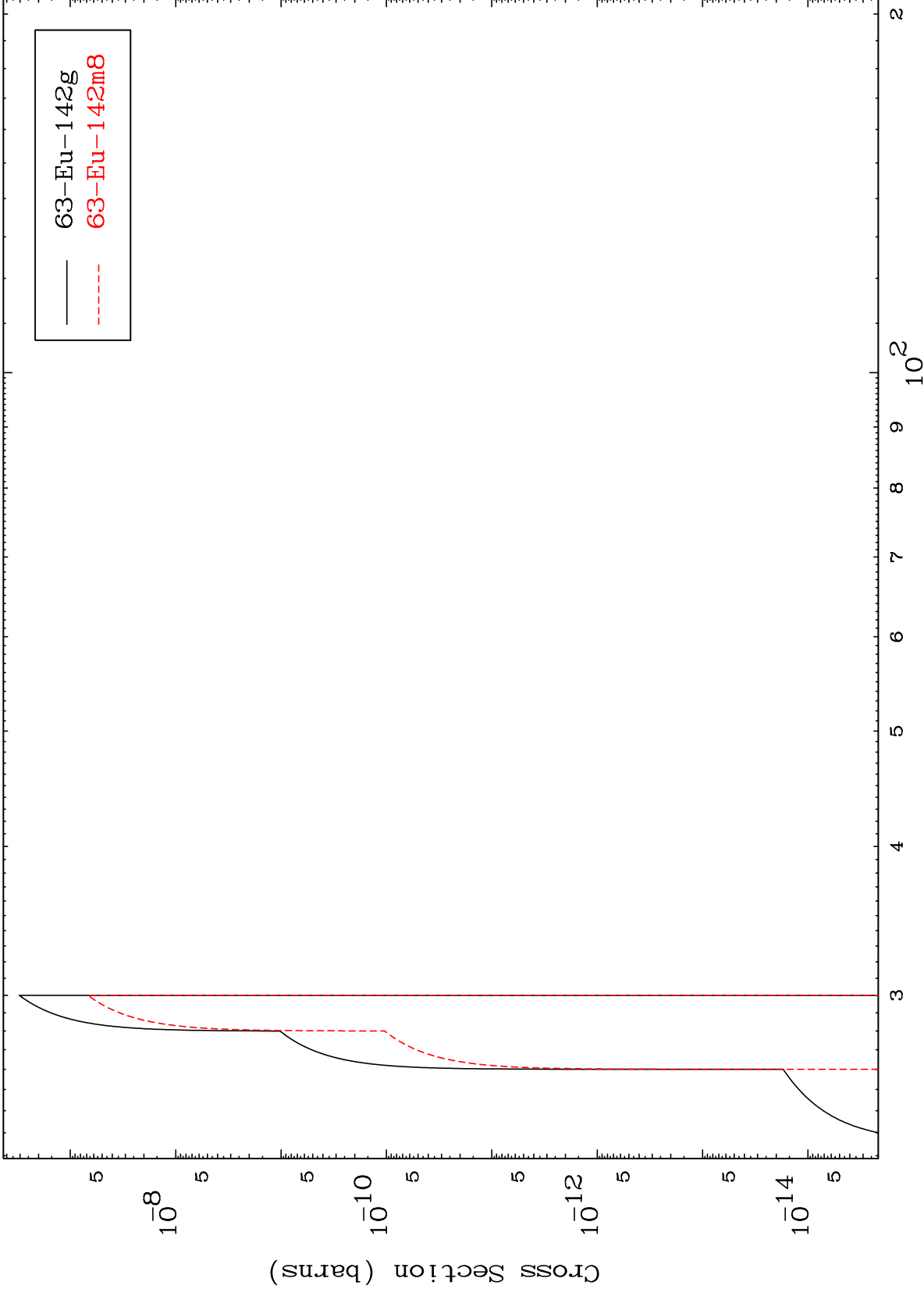
60-Nd-137g
60-Nd-137m4

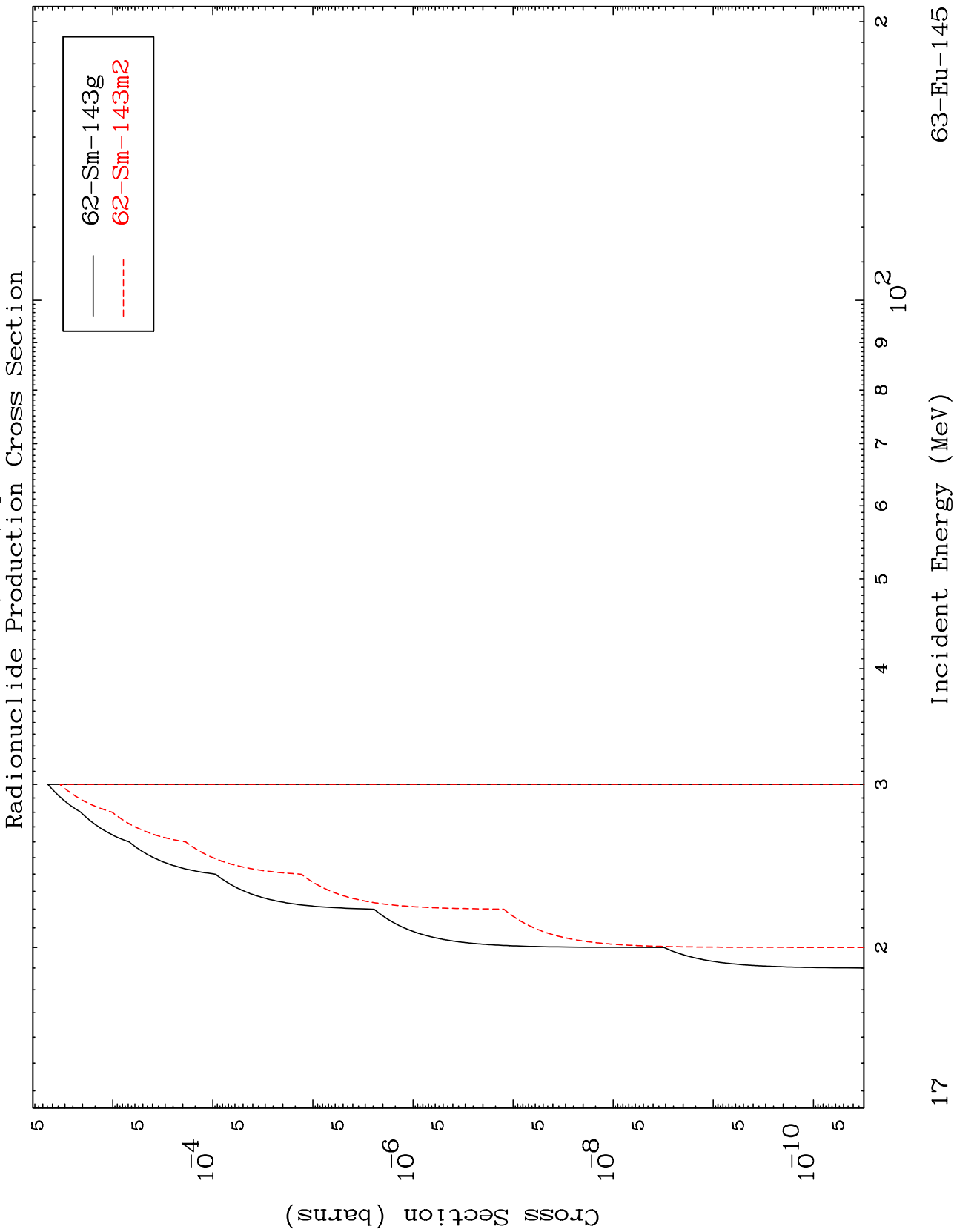
15

Incident Energy (MeV)

63-Eu-145

Radionuclide Production Cross Section



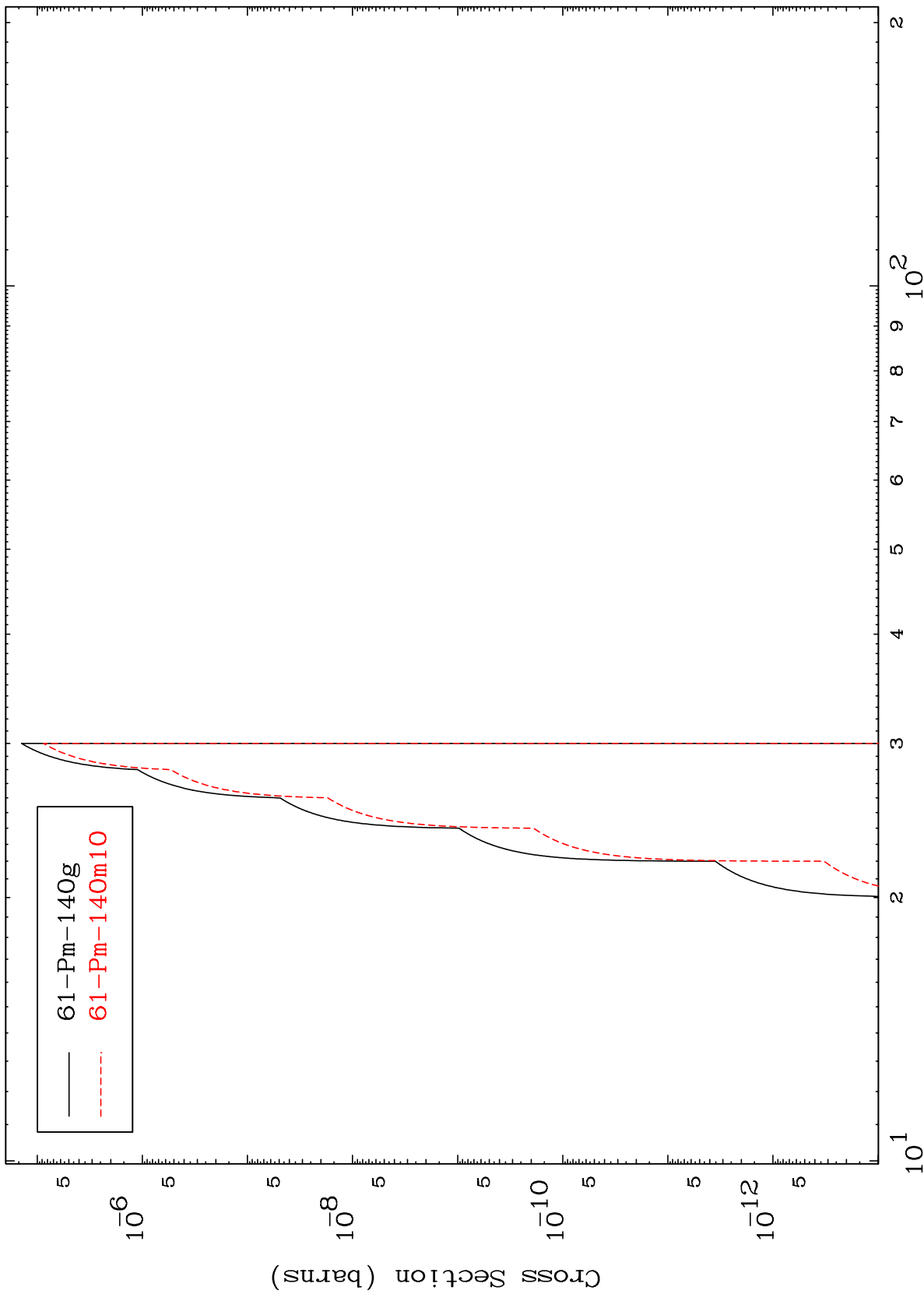


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(n,n') p α

63-Eu-145

Radionuclide Production Cross Section



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

18

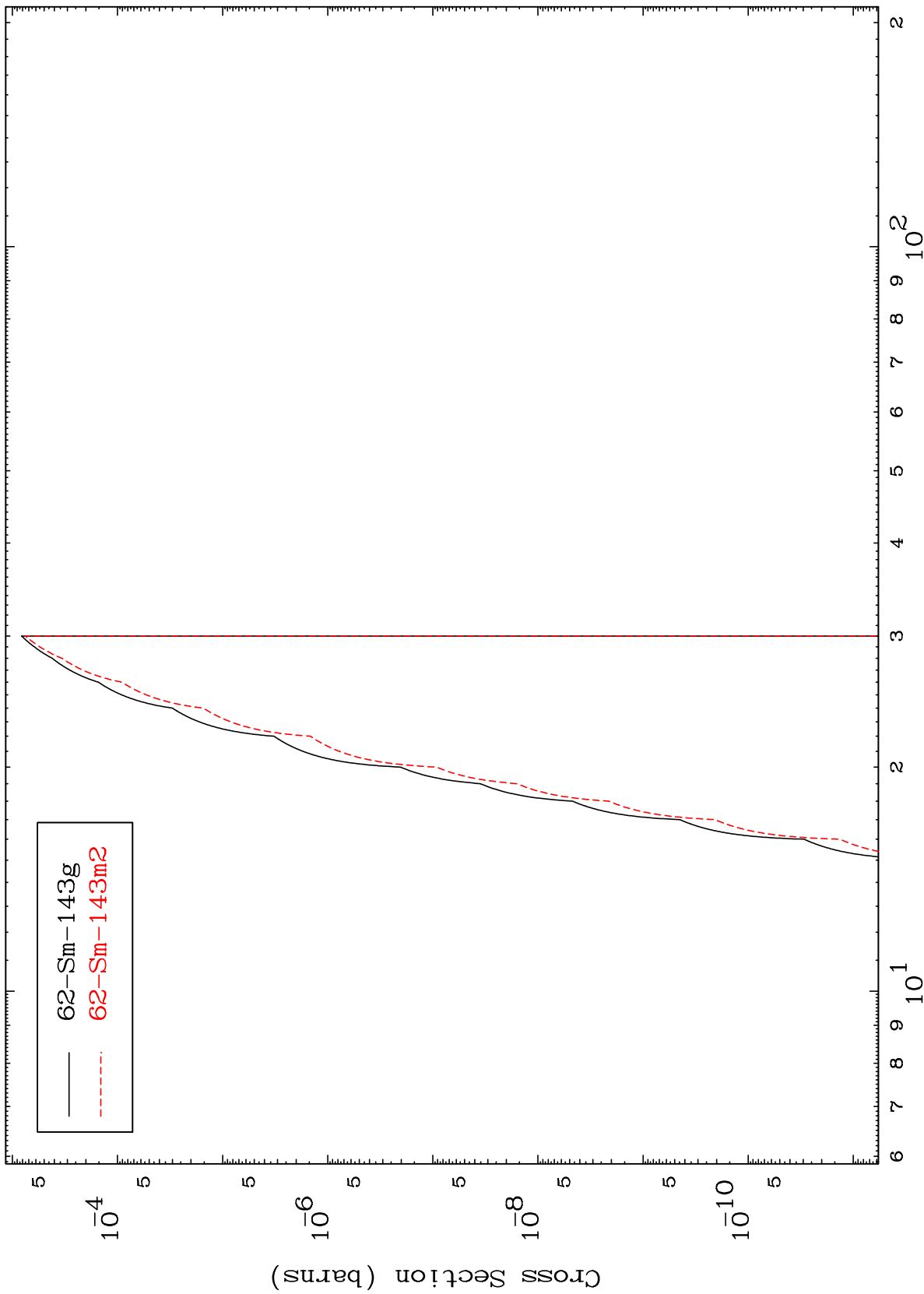
Incident Energy (MeV)

63-Eu-145

MAT 6307

63-Eu-145

Radionuclide Production Cross Section



63-Eu-145

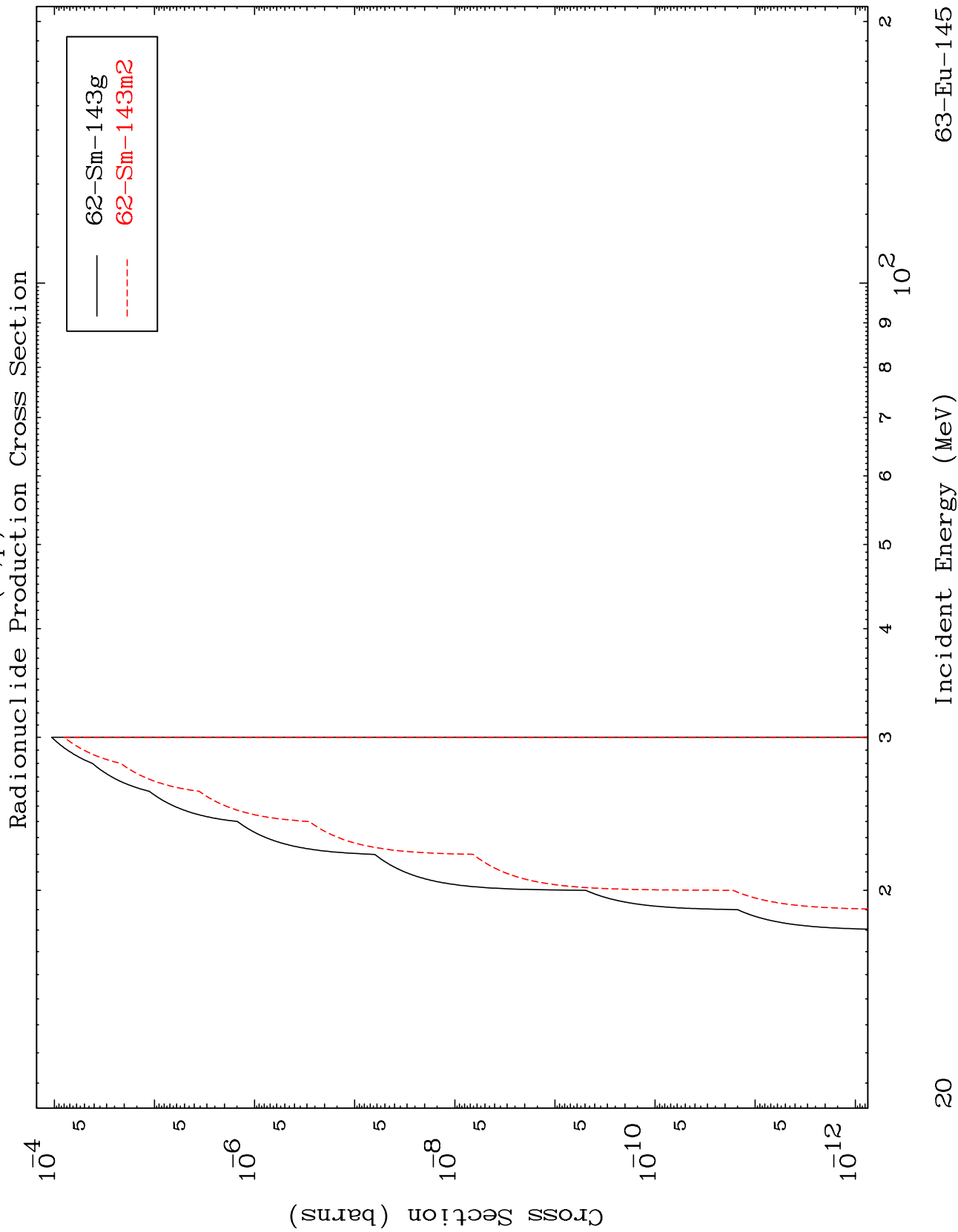
Incident Energy (MeV)

19

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(n,p) d

63-Eu-145



20

Incident Energy (MeV)

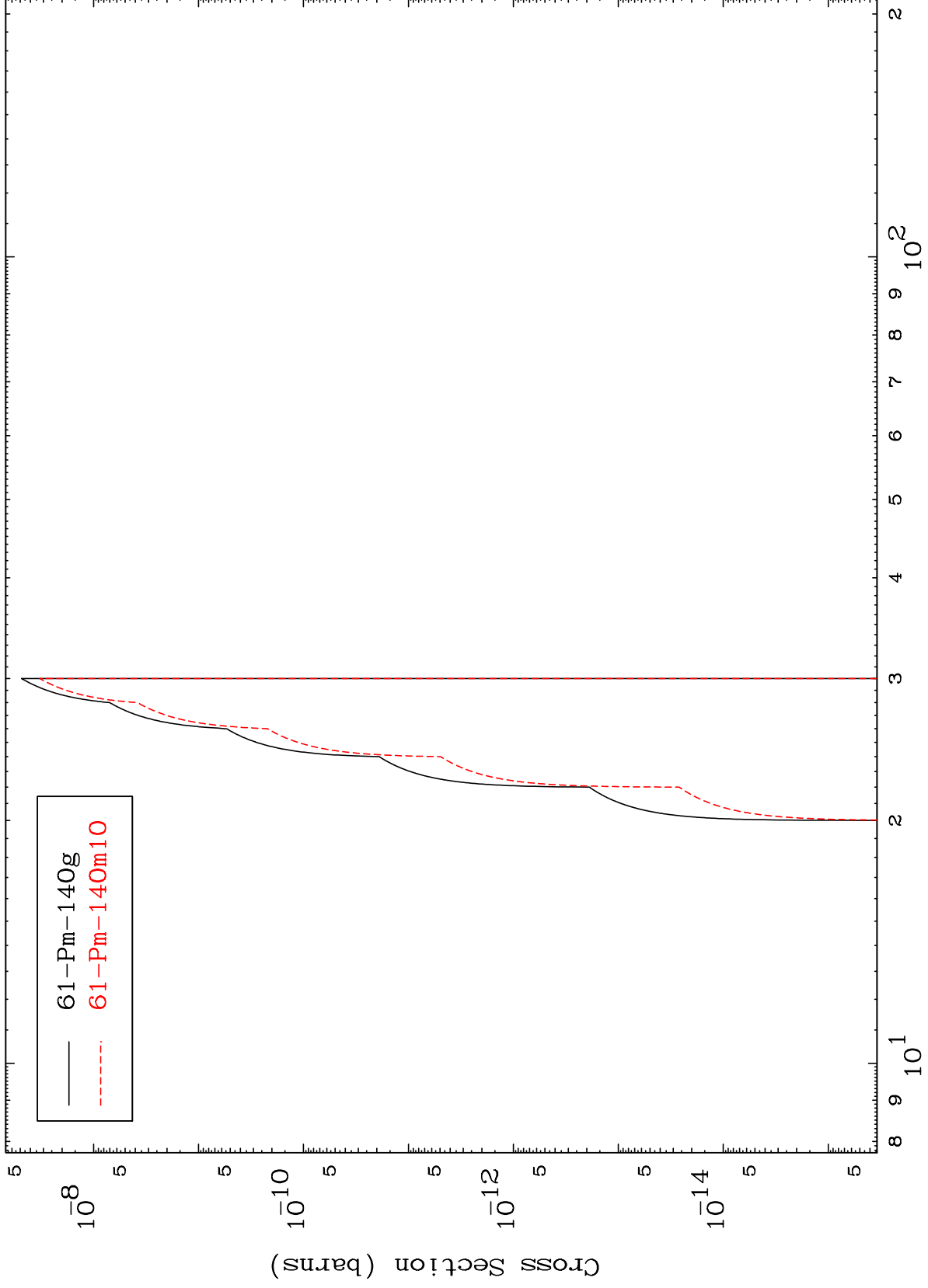
63-Eu-145

MAT 6307

(n,d) α

63-Eu-145

Radionuclide Production Cross Section



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