

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

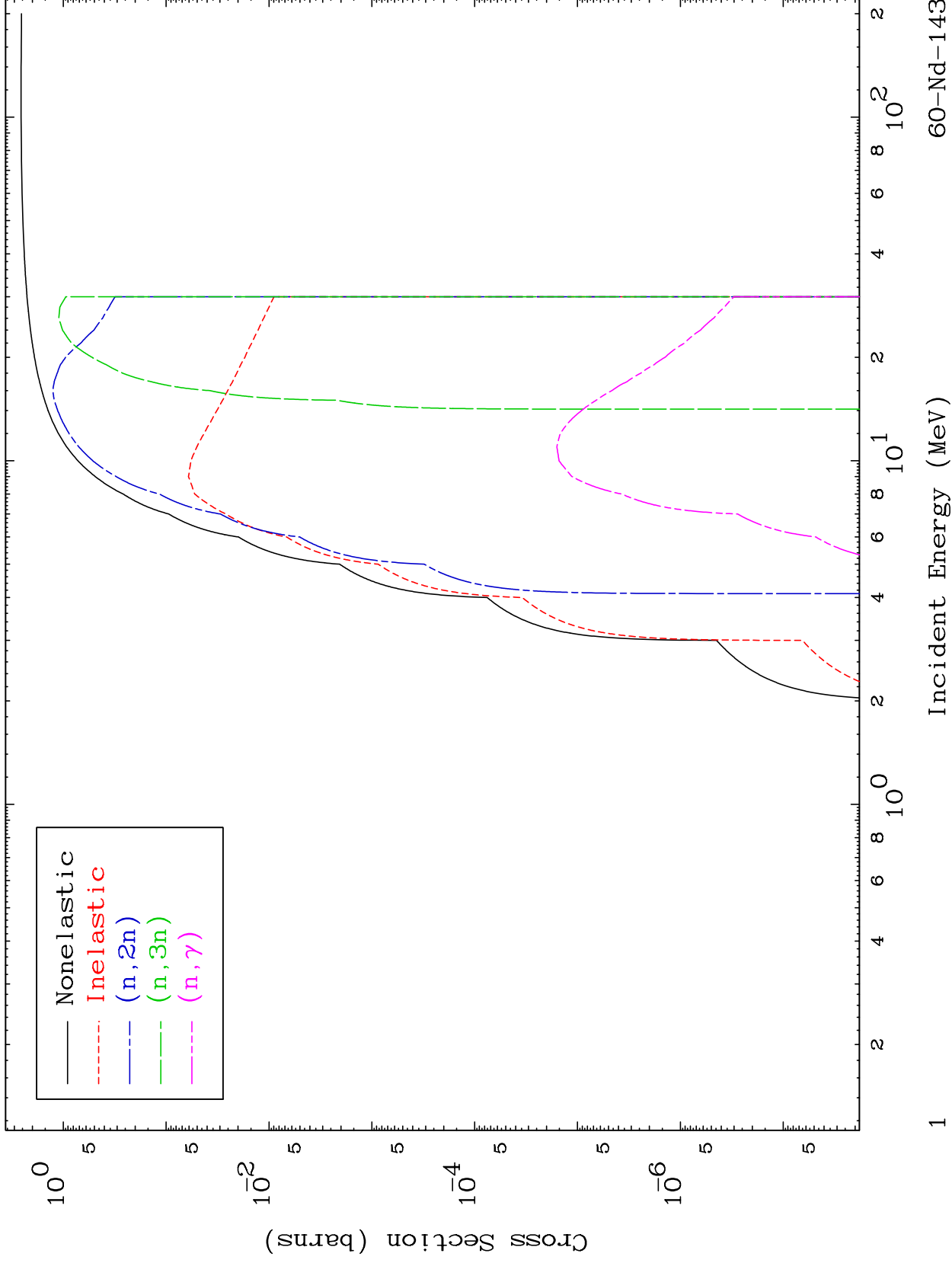
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Web:redcullen1.net/HOMEPAGE.NEW

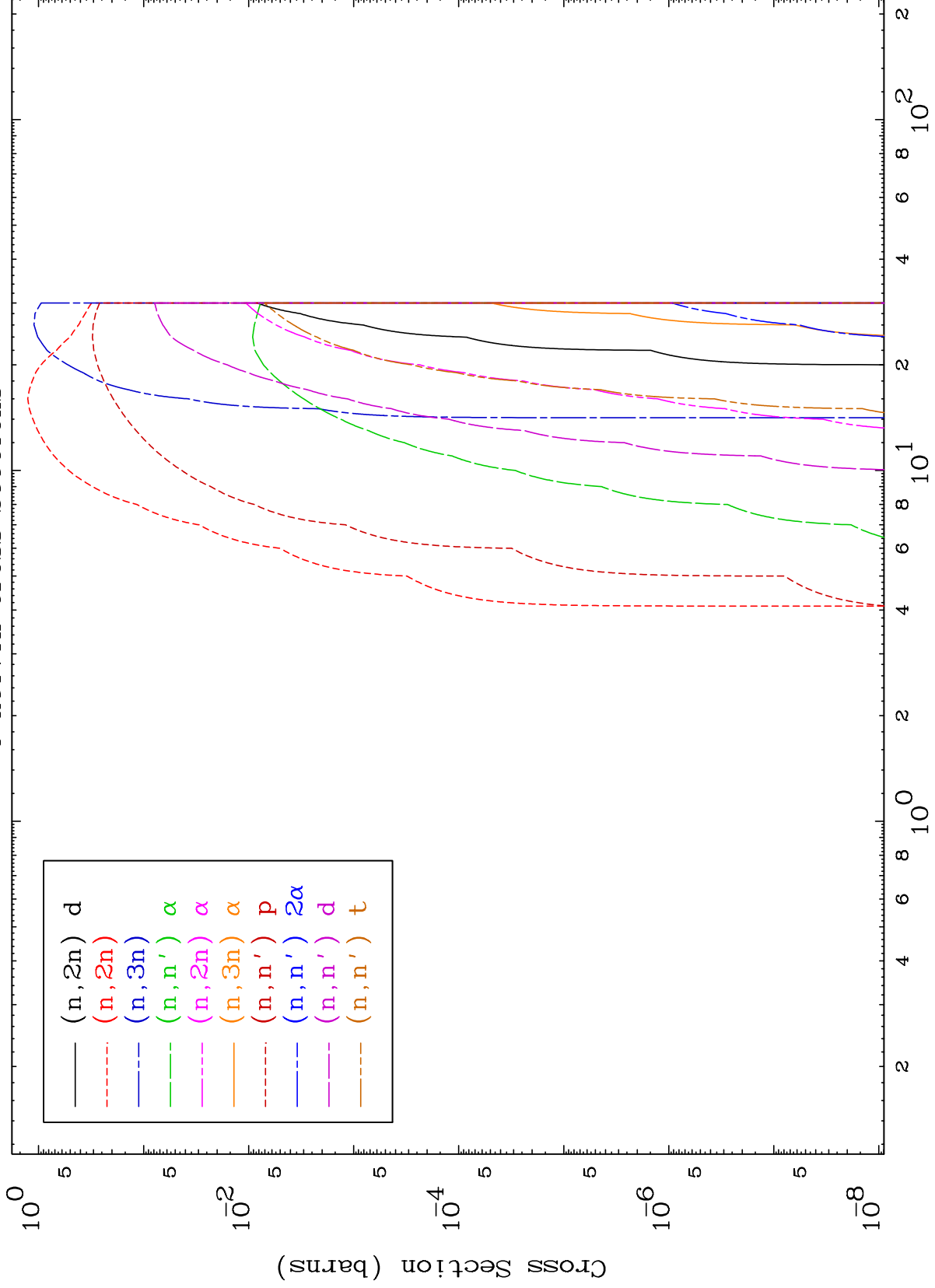
Press Mouse Button to Start

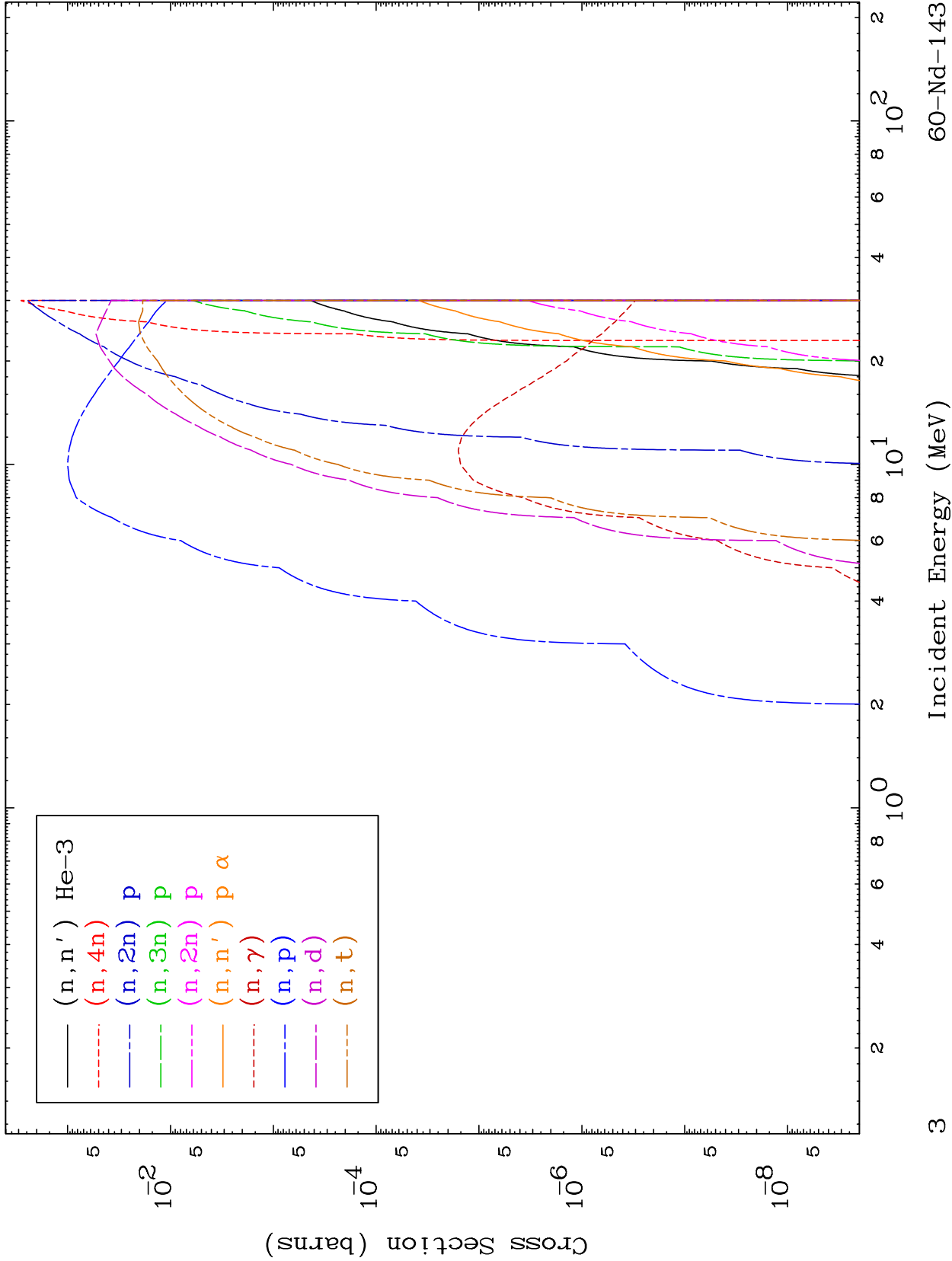


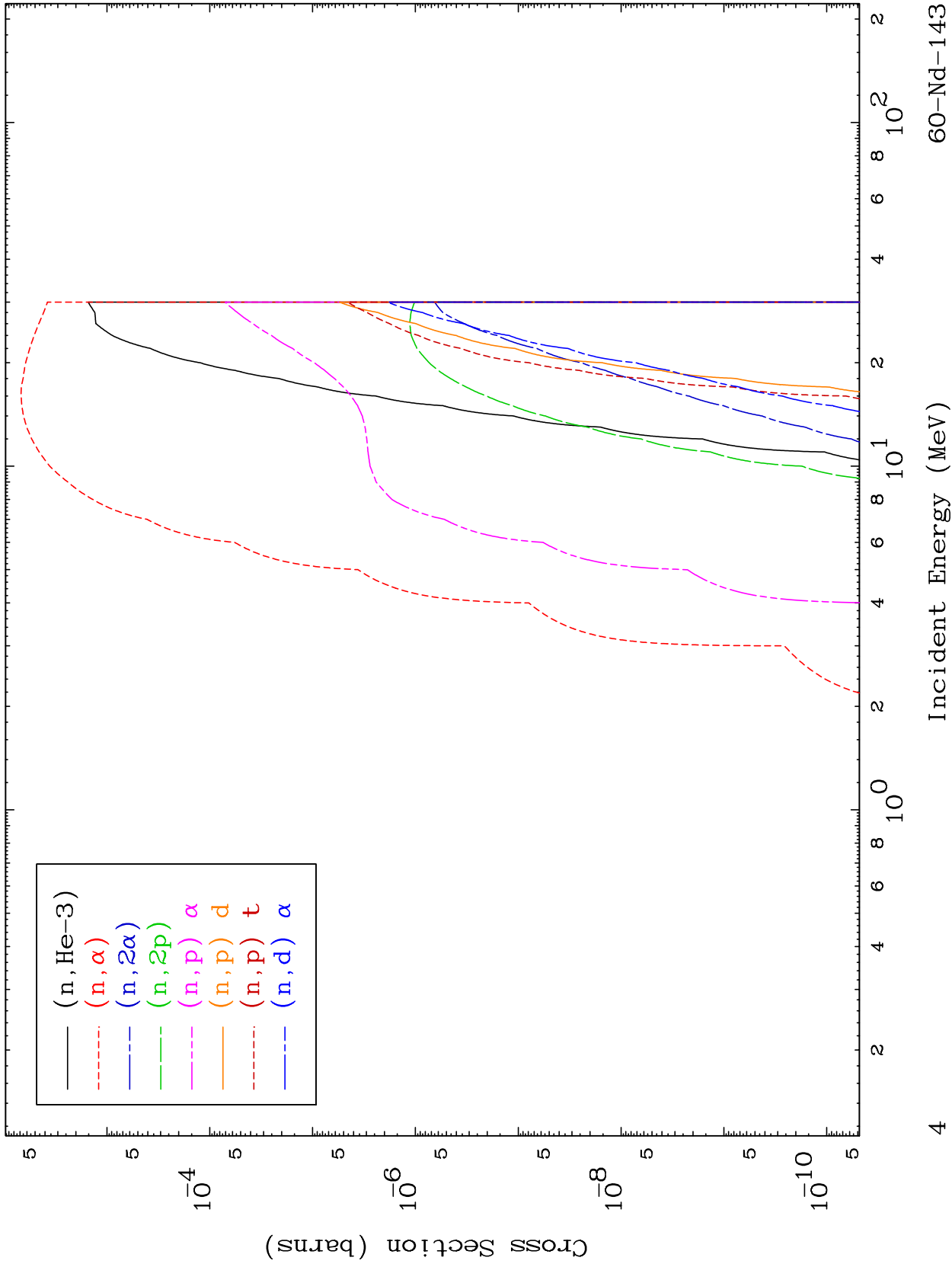
MAT 6028

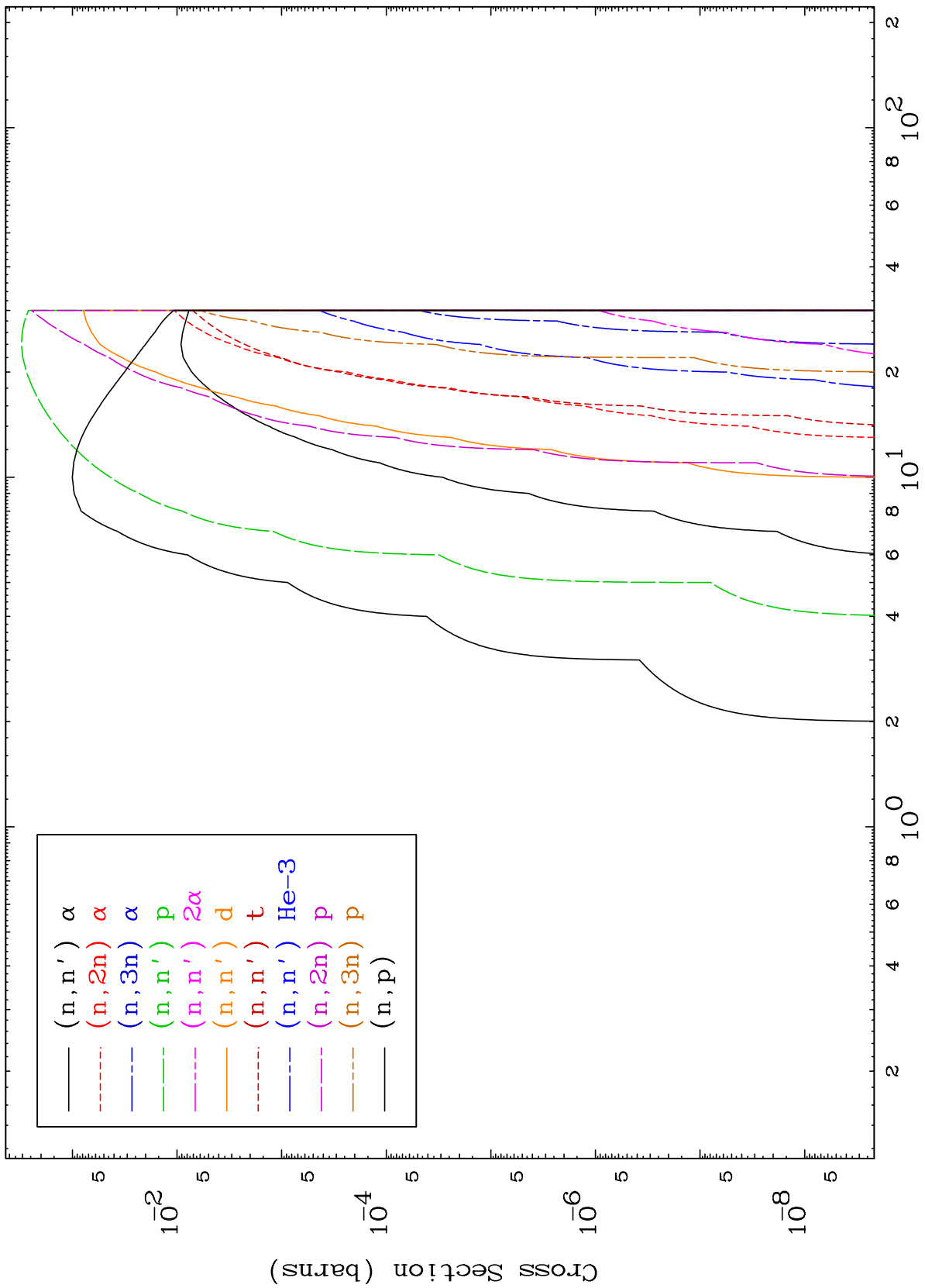
Deuteron Neutron Absorption
0 Kelvin Cross Sections

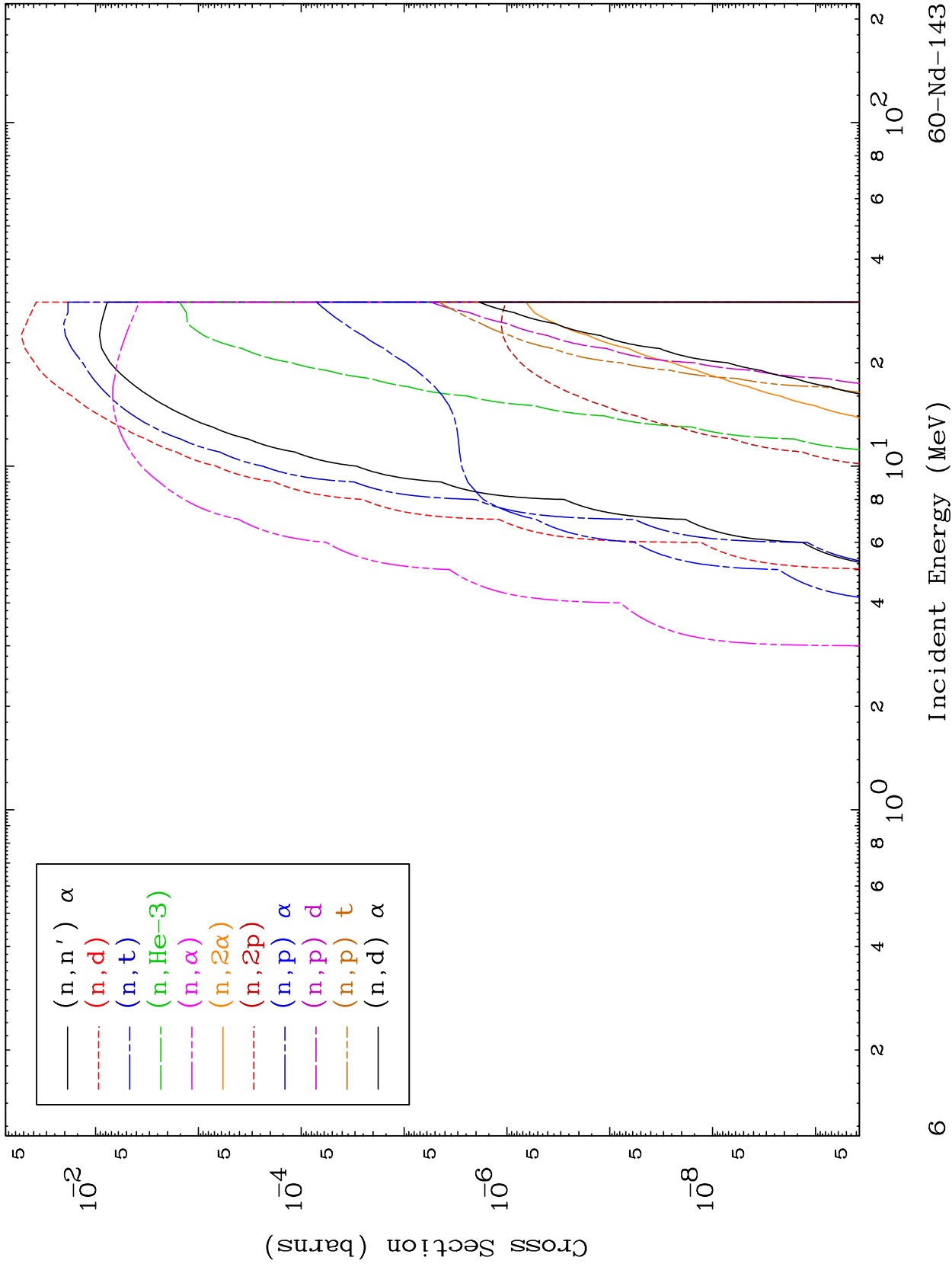
60-Nd-143









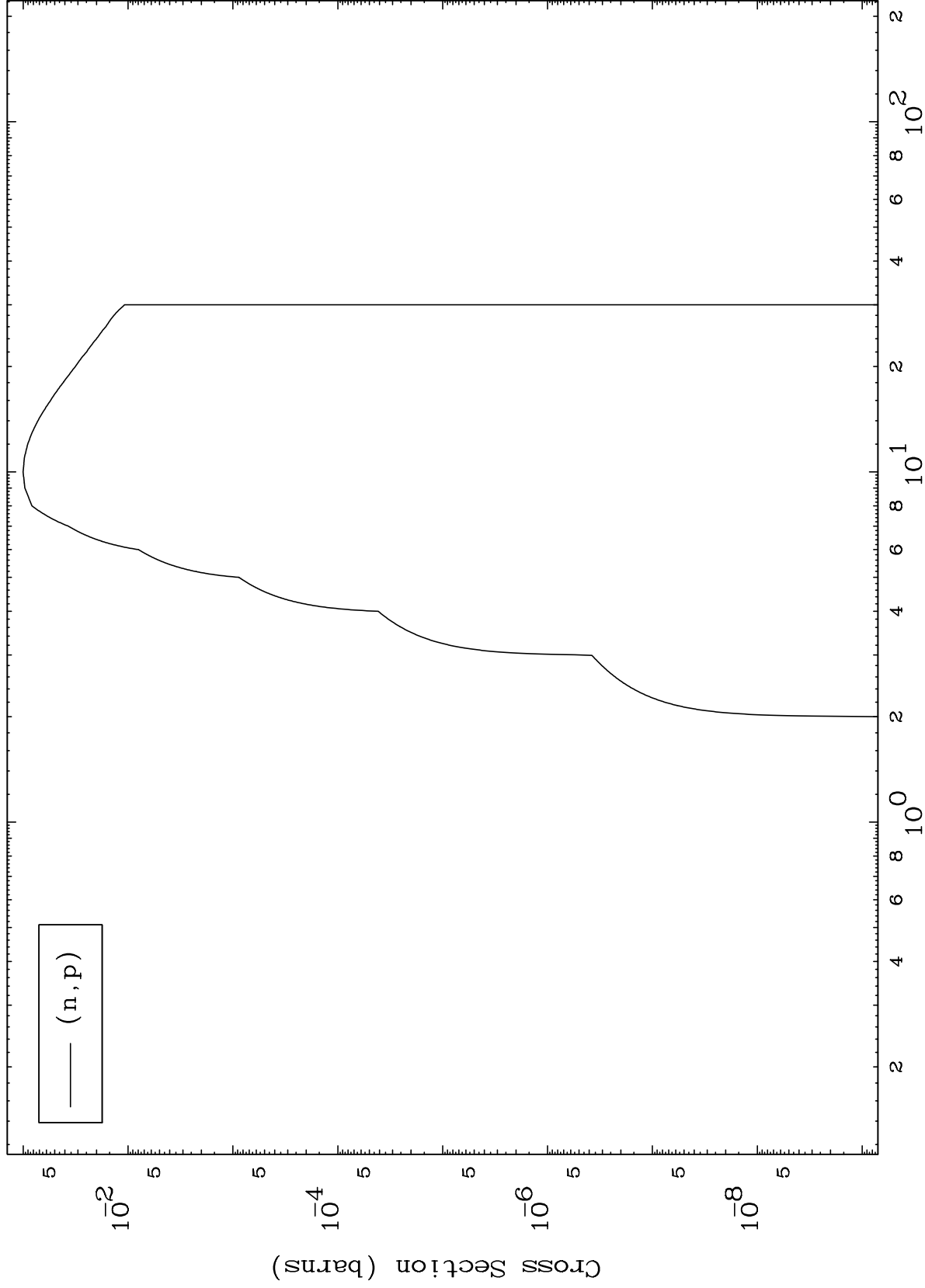


MAT 6028

(d,p) Levels

60-Nd-143

0 Kelvin Cross Sections

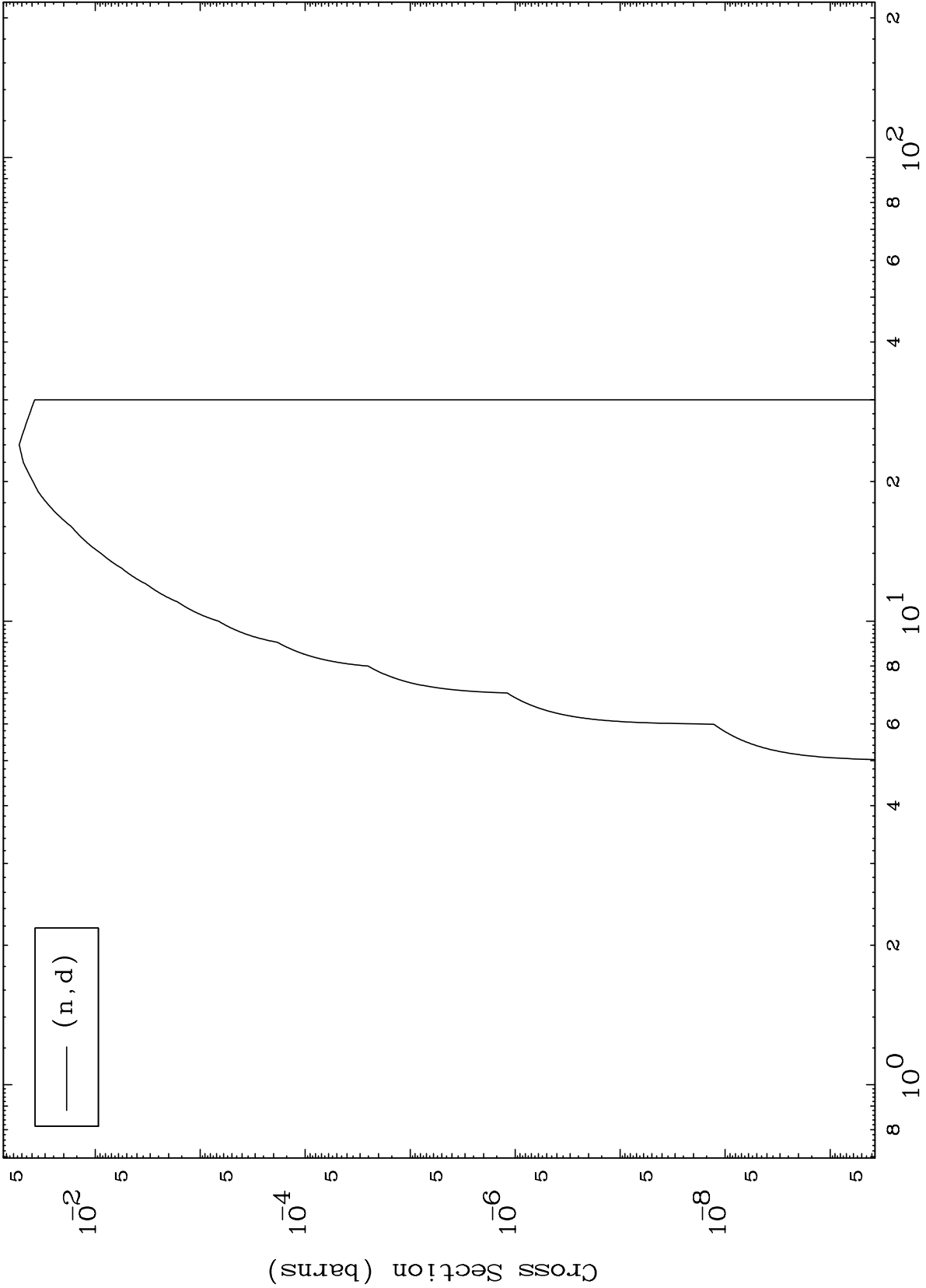


MAT 6028

(d,d) Levels

60-Nd-143

0 Kelvin Cross Sections



8

Incident Energy (MeV)

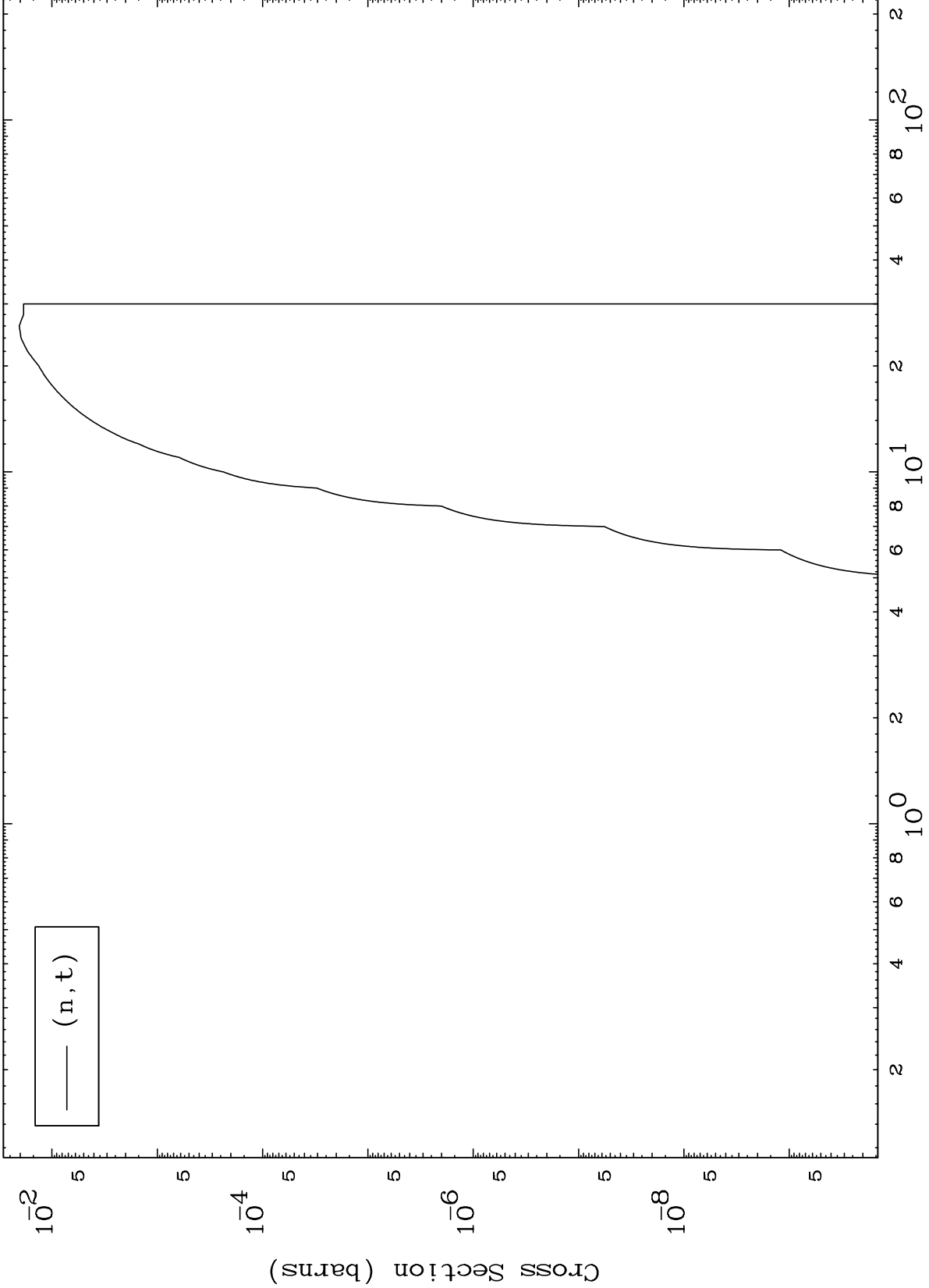
60-Nd-143

MAT 6028

(d, t) Levels

60-Nd-143

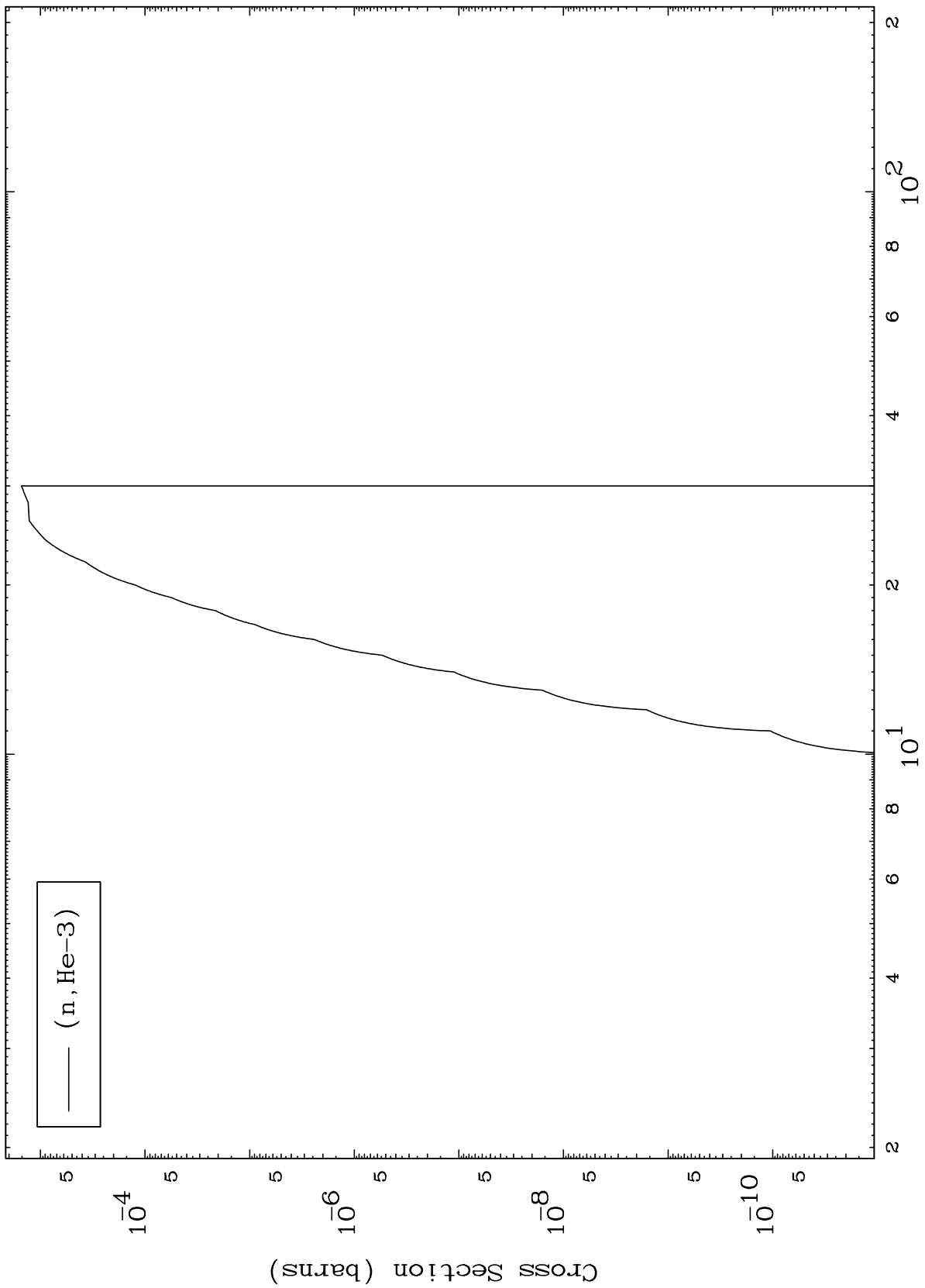
0 Kelvin Cross Sections



MAT 6028

60-Nd-143

(d,He3) Levels
0 Kelvin Cross Sections



10

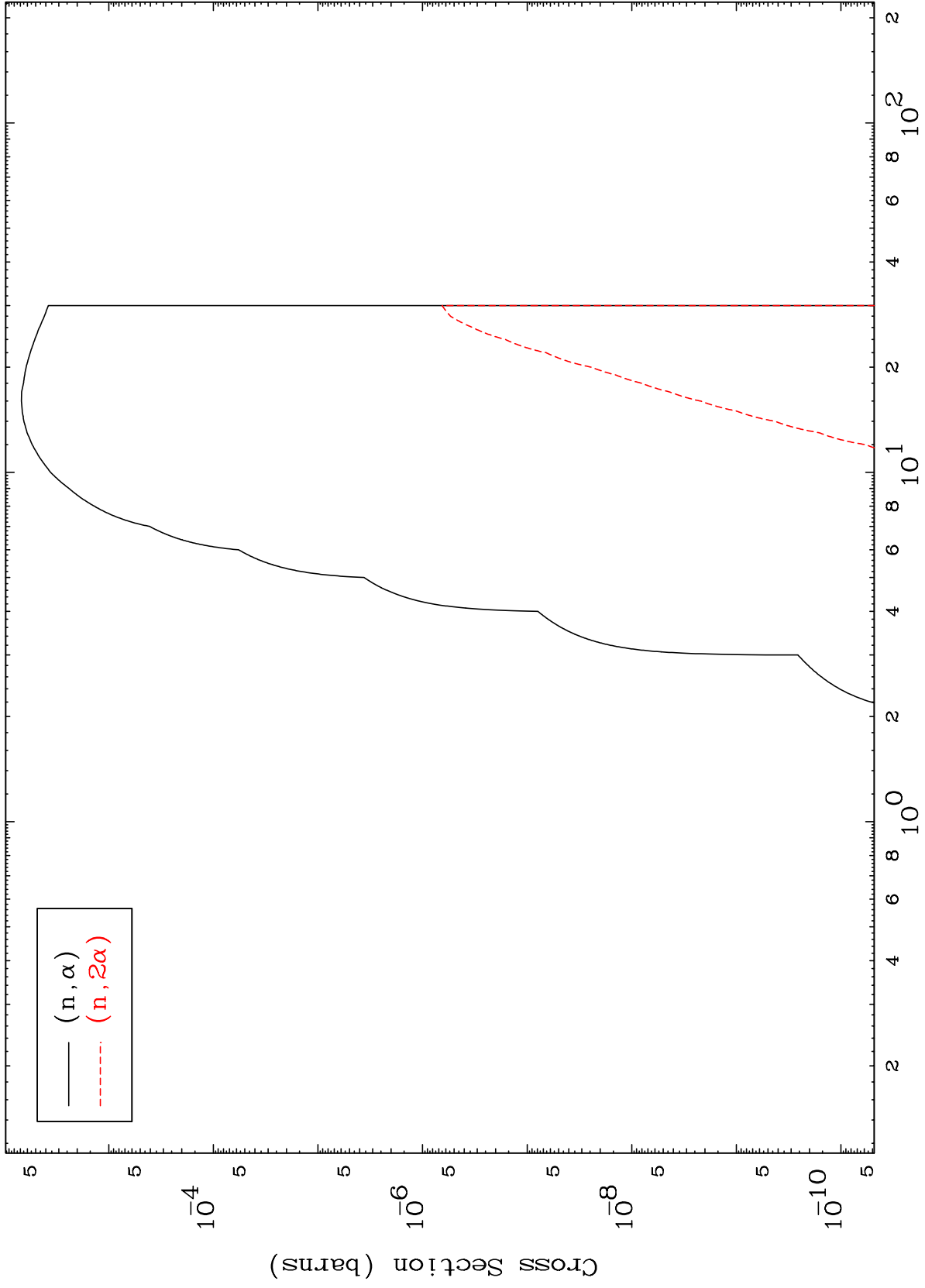
Incident Energy (MeV)

60-Nd-143

MAT 6028

(d, α) Levels
0 Kelvin Cross Sections

60-Nd-143

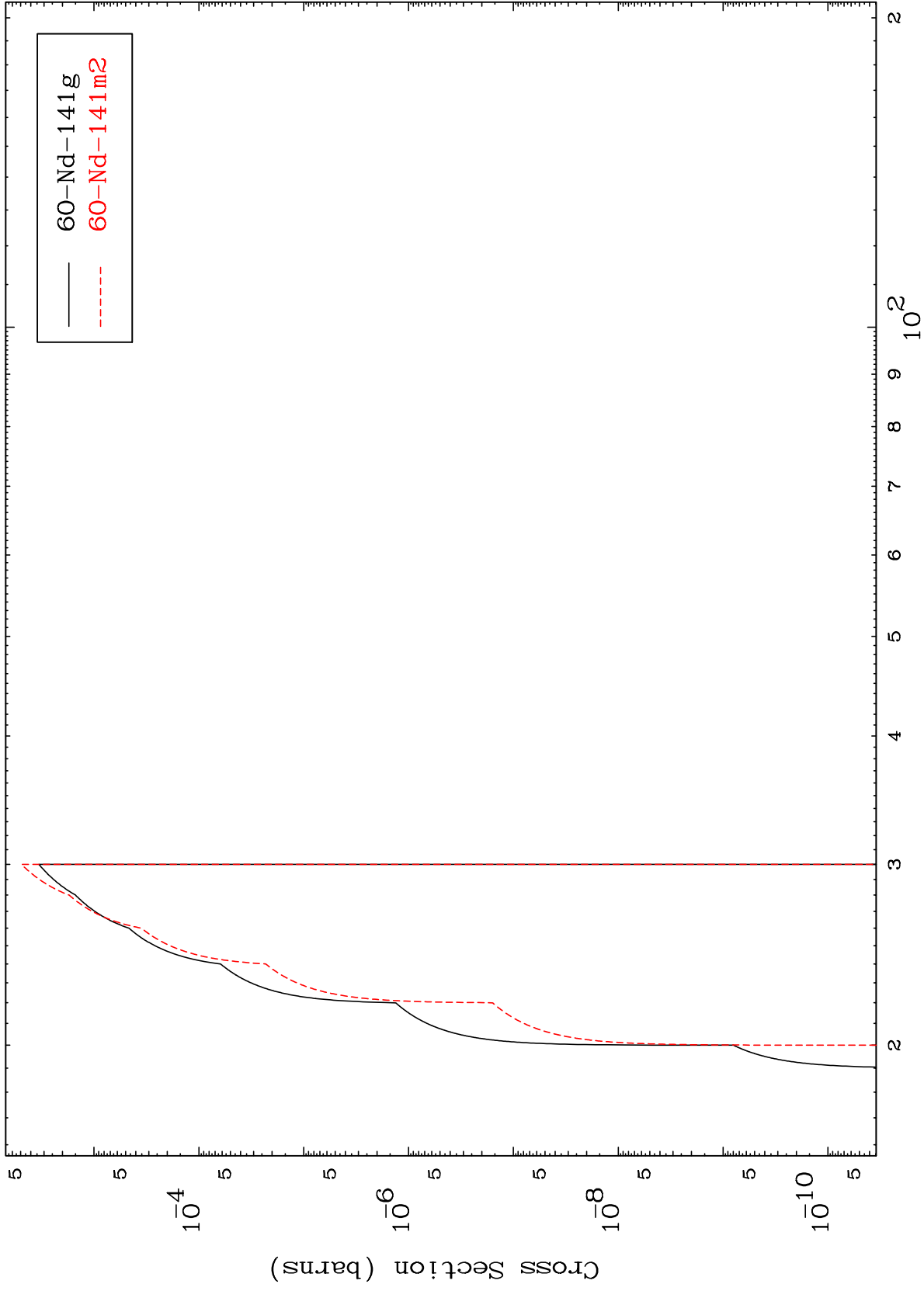


MAT 6028

(n,2n) d

60-Nd-143

Radionuclide Production Cross Section



12

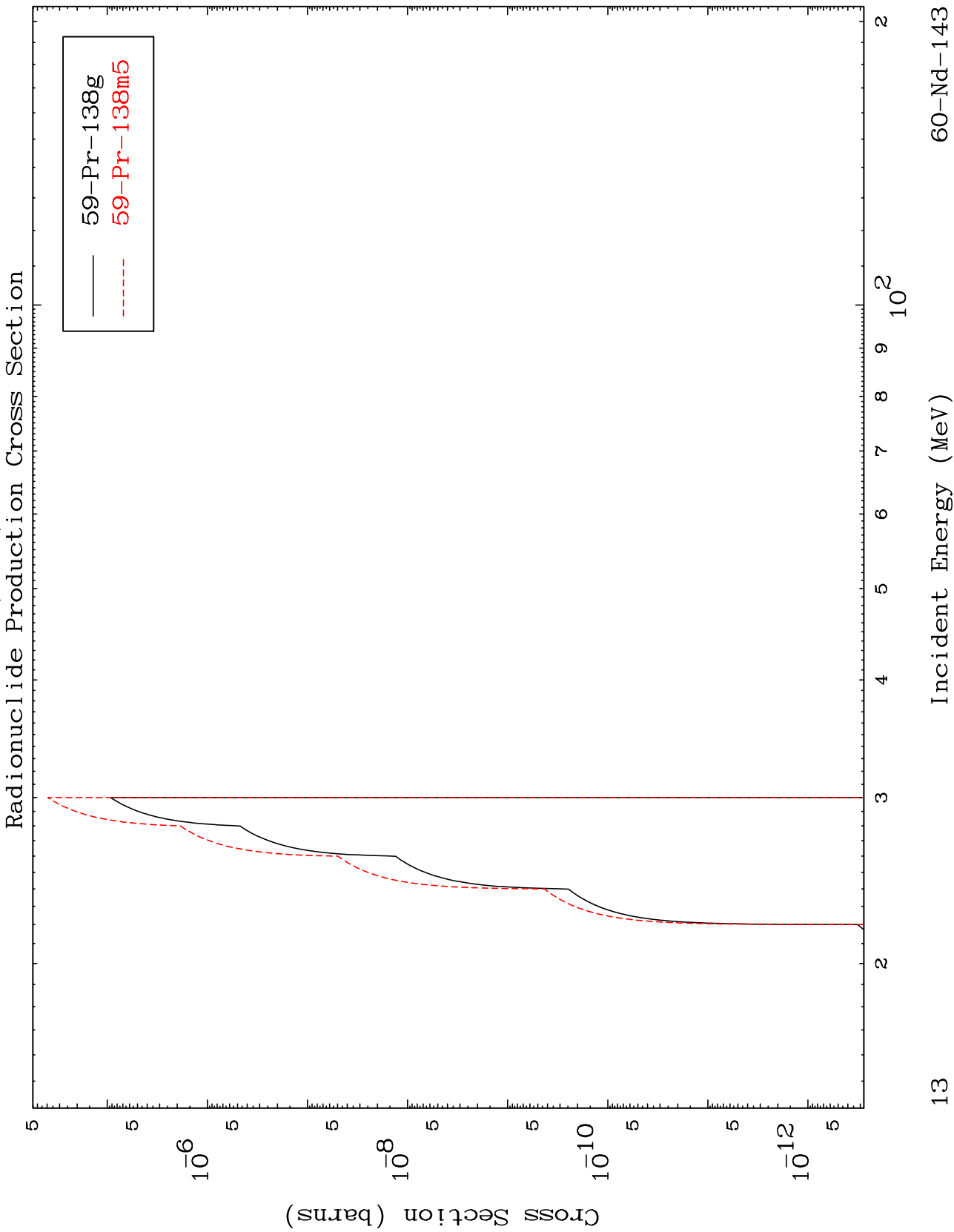
Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,3n) α

60-Nd-143



13

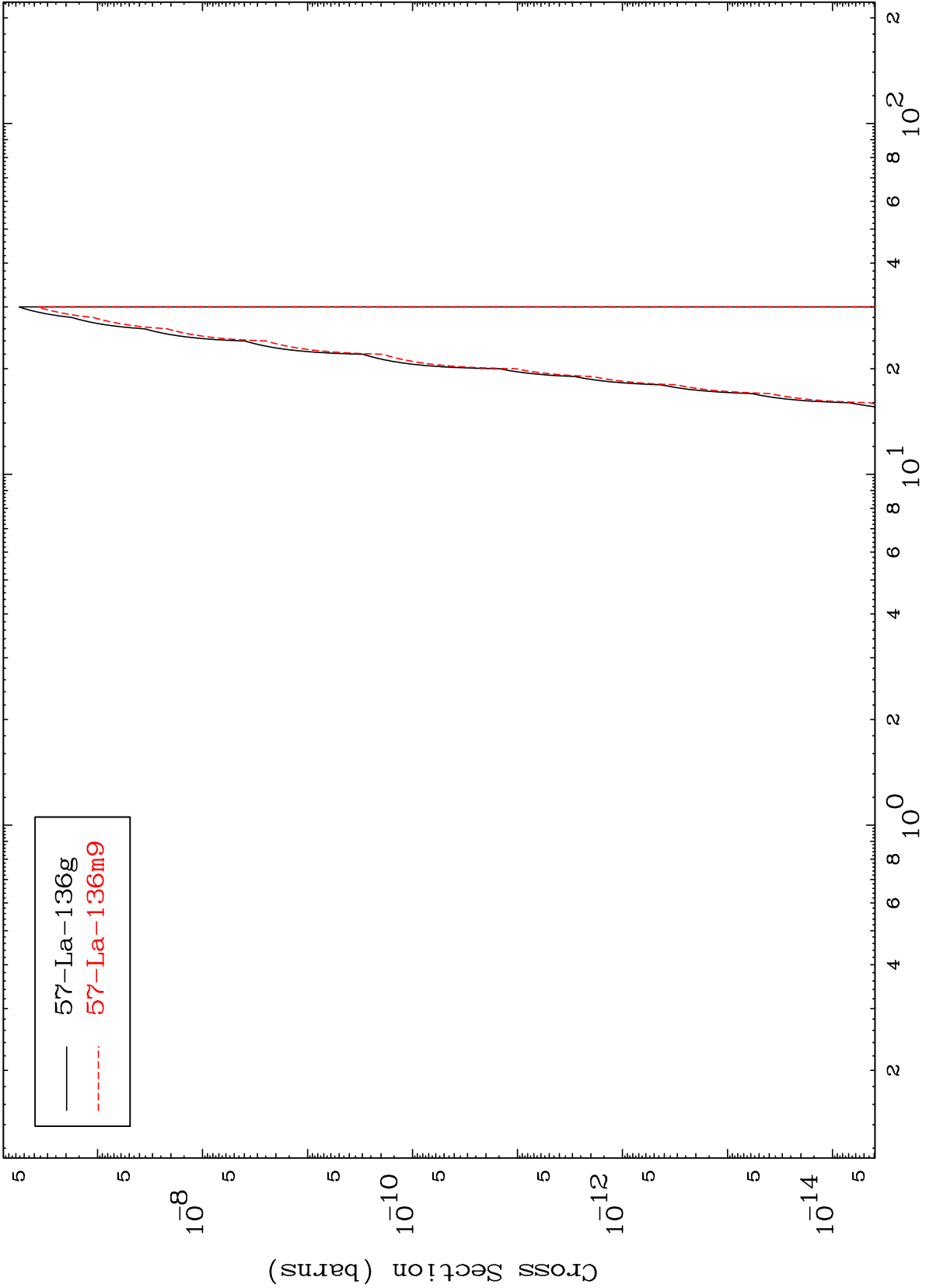
60-Nd-143

MAT 6028

(n,n') 2 α

60-Nd-143

Radionuclide Production Cross Section



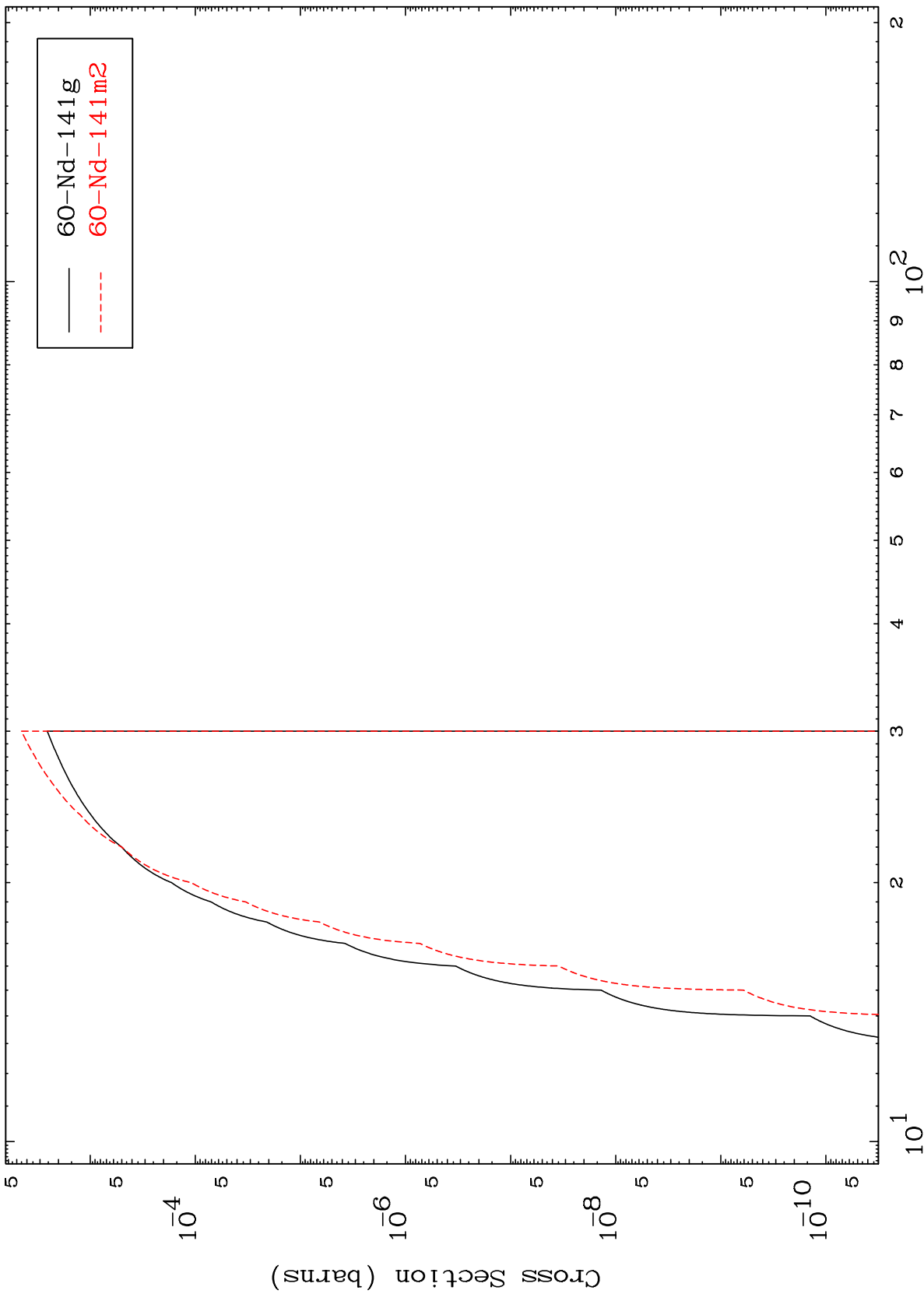
57-La-136g
57-La-136m9

MAT 6028

(n,n') t

60-Nd-143

Radionuclide Production Cross Section



Incident Energy (MeV)

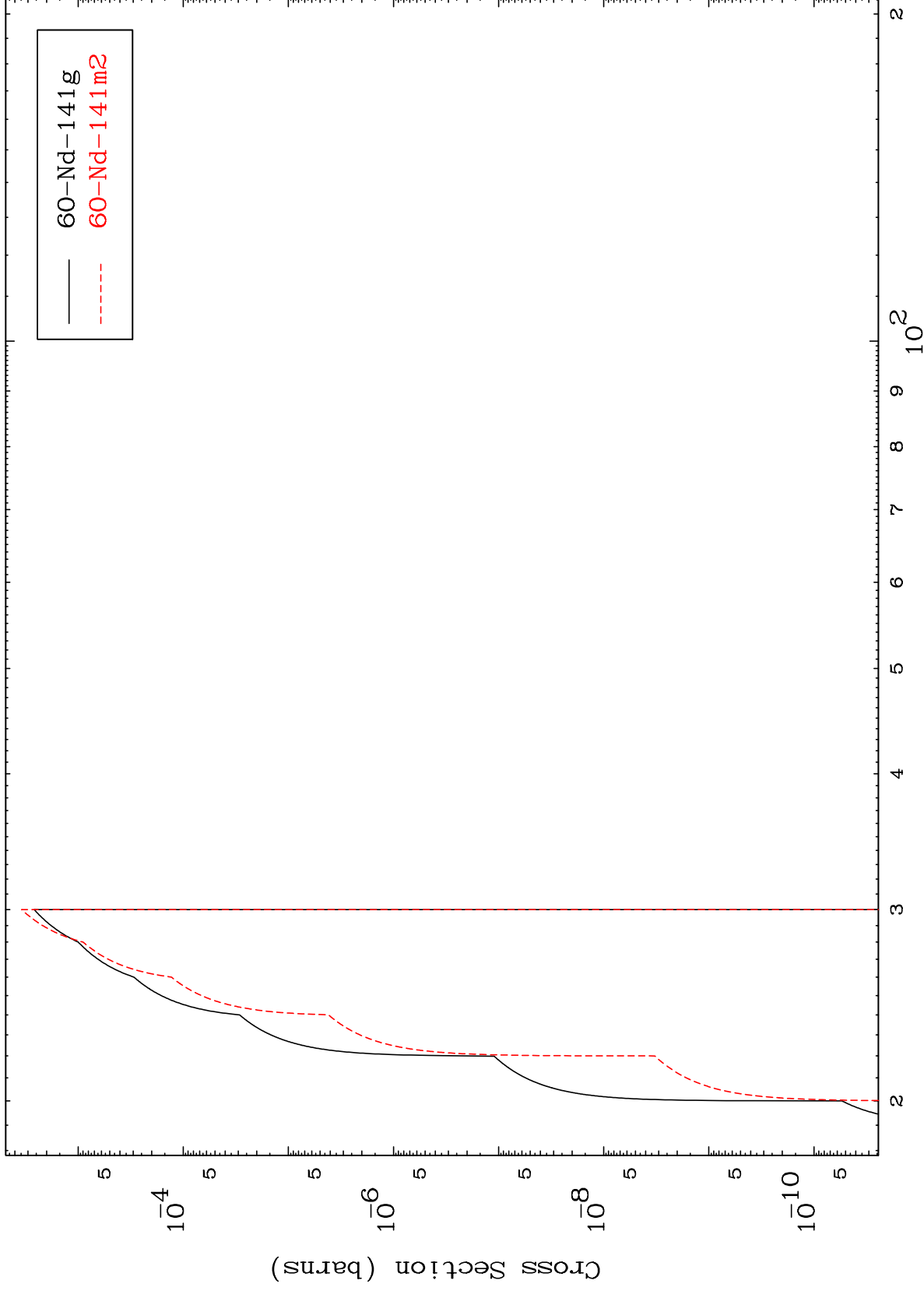
60-Nd-143

MAT 6028

(n,3n) p

60-Nd-143

Radionuclide Production Cross Section



16

Incident Energy (MeV)

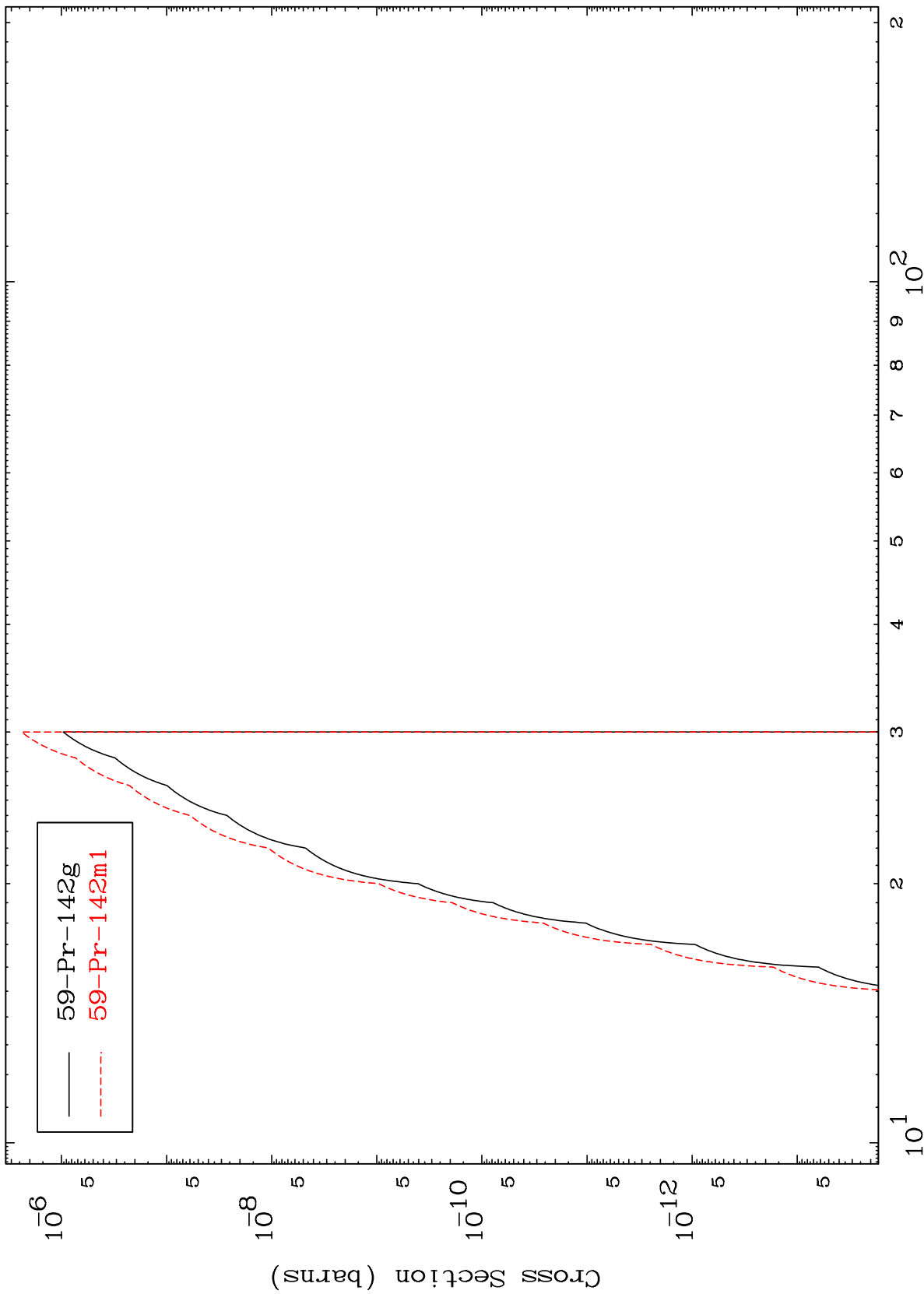
60-Nd-143

MAT 6028

(n,2n) p

60-Nd-143

Radionuclide Production Cross Section



17

Incident Energy (MeV)

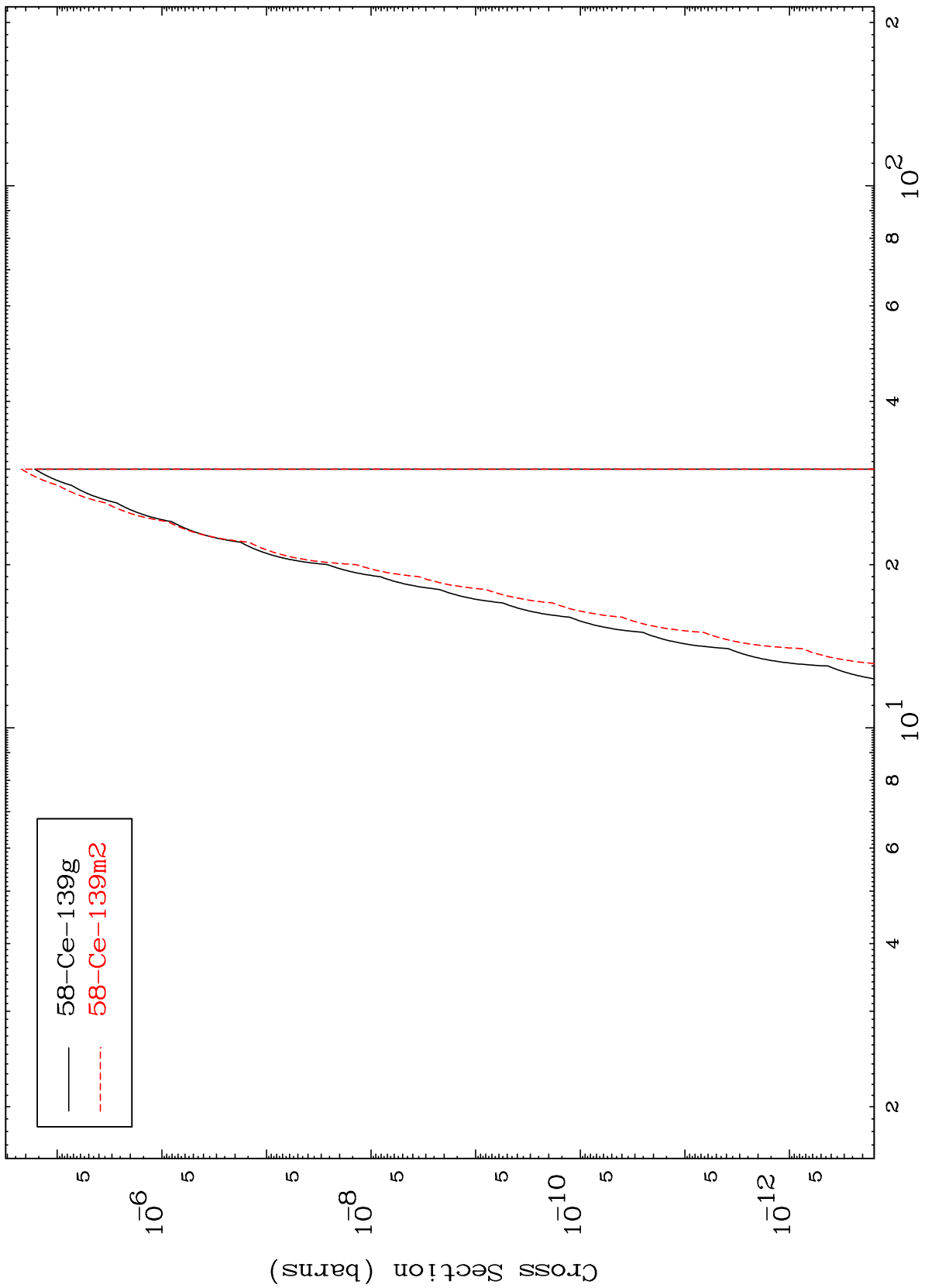
60-Nd-143

MAT 6028

(n,n') p α

60-Nd-143

Radionuclide Production Cross Section



58-Ce-139g
58-Ce-139m2

18

Incident Energy (MeV)

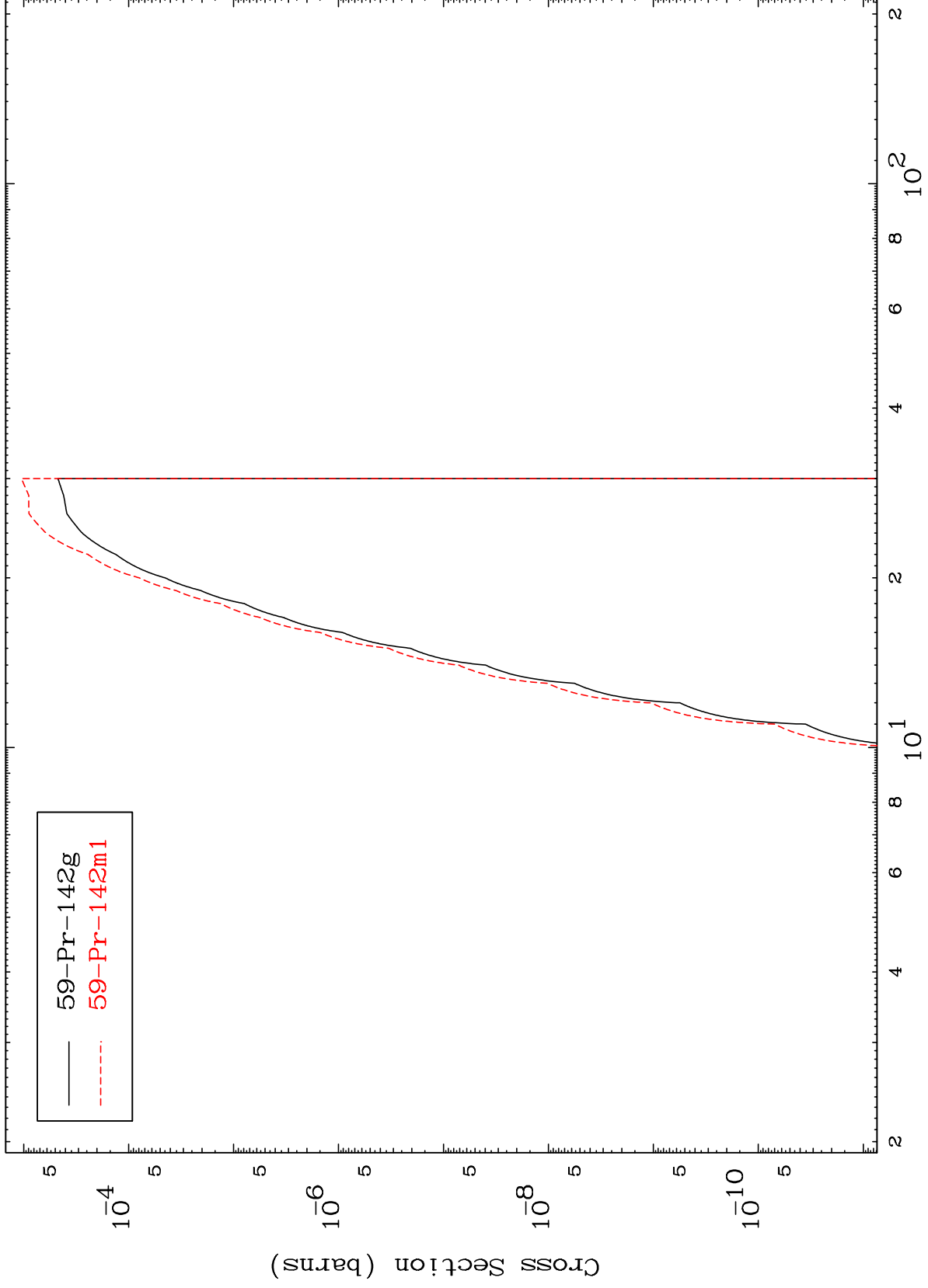
60-Nd-143

MAT 6028

(n,He-3)

60-Nd-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

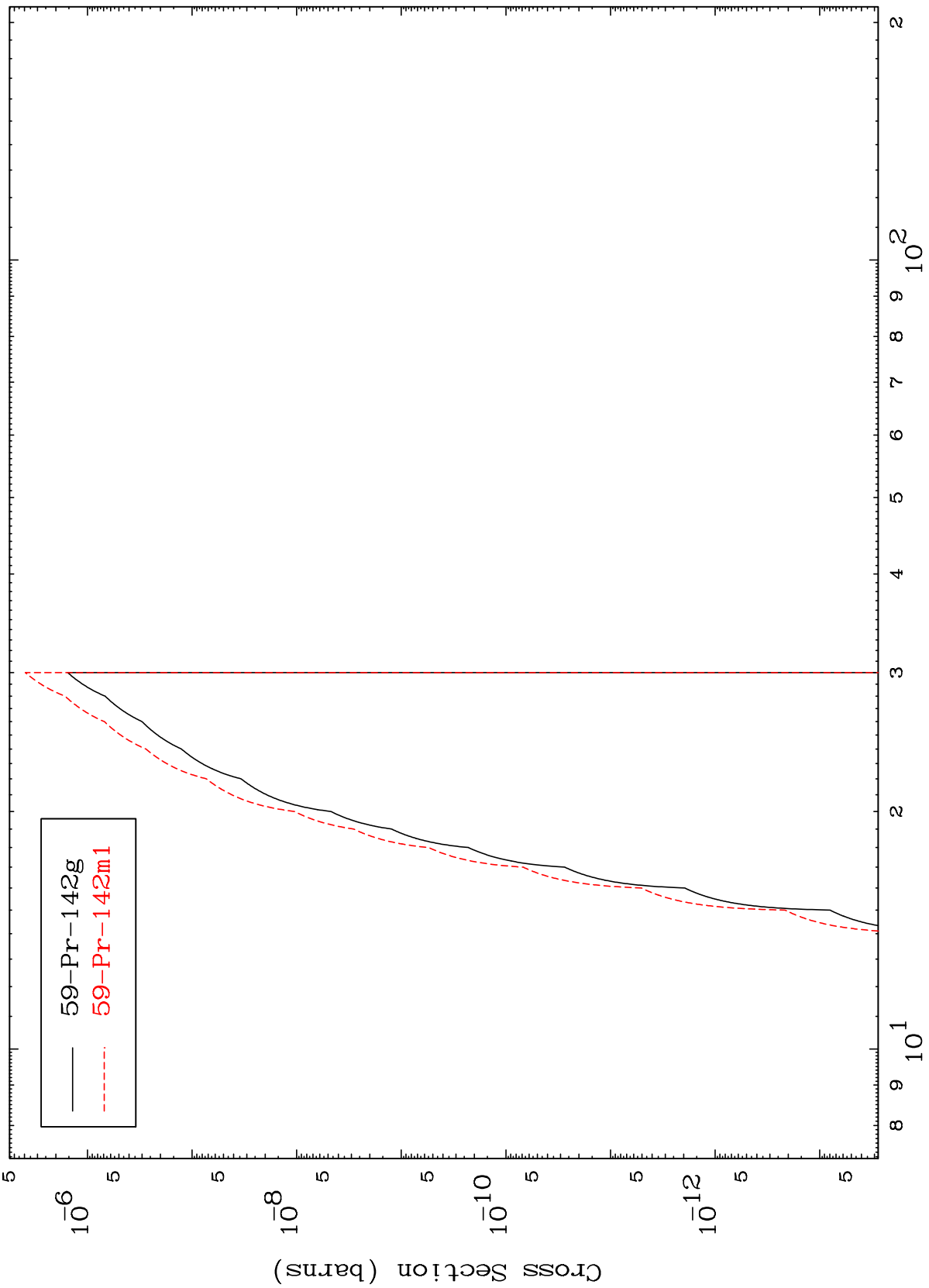
60-Nd-143

MAT 6028

(n,p) d

60-Nd-143

Radionuclide Production Cross Section



59-Pr-142g
59-Pr-142m1

20

Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,d) α

60-Nd-143

