

Program EVALPLOT
(Version 2021-1)

by

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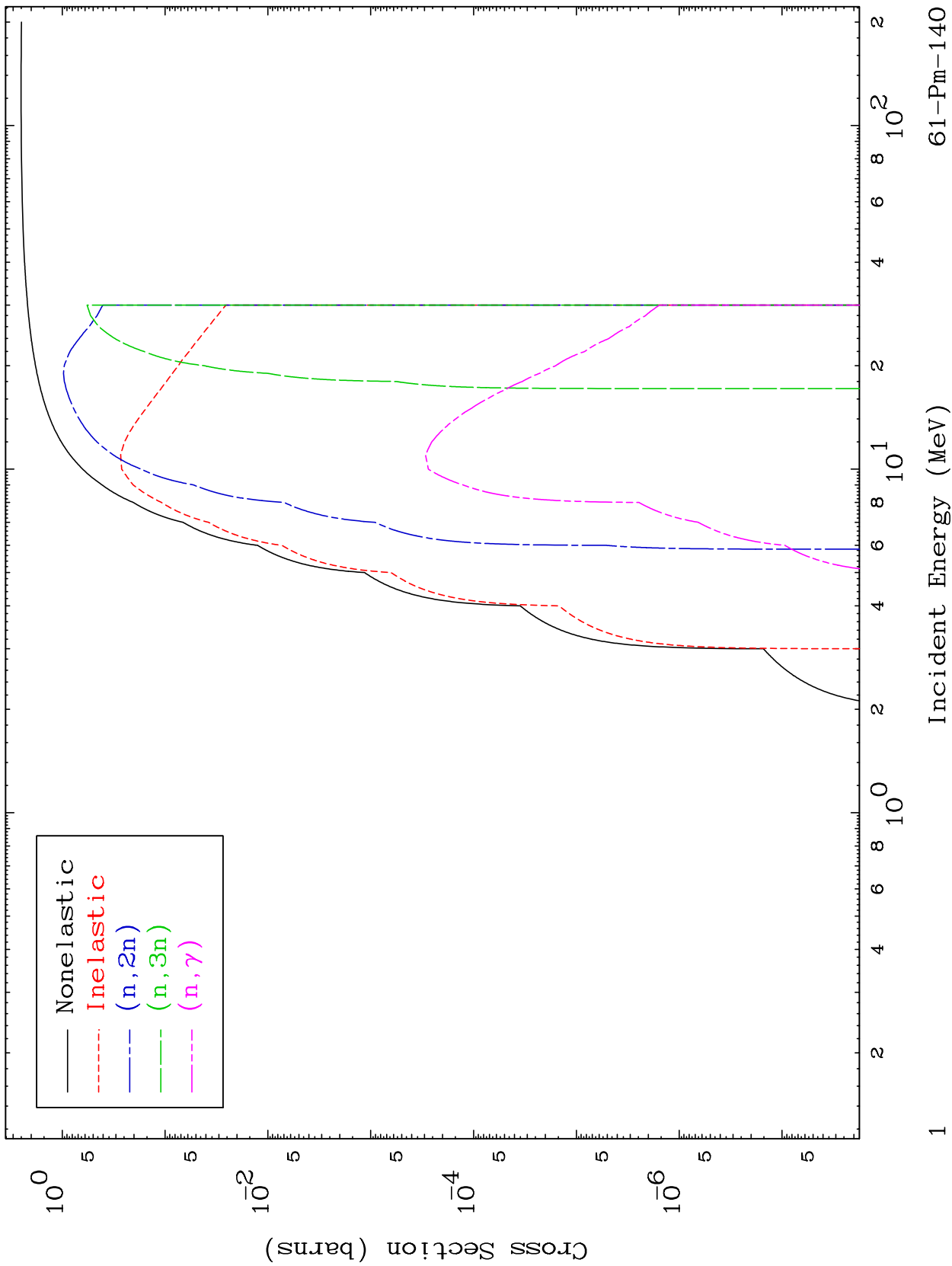
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6128

Deuteron Major
0 Kelvin Cross Sections

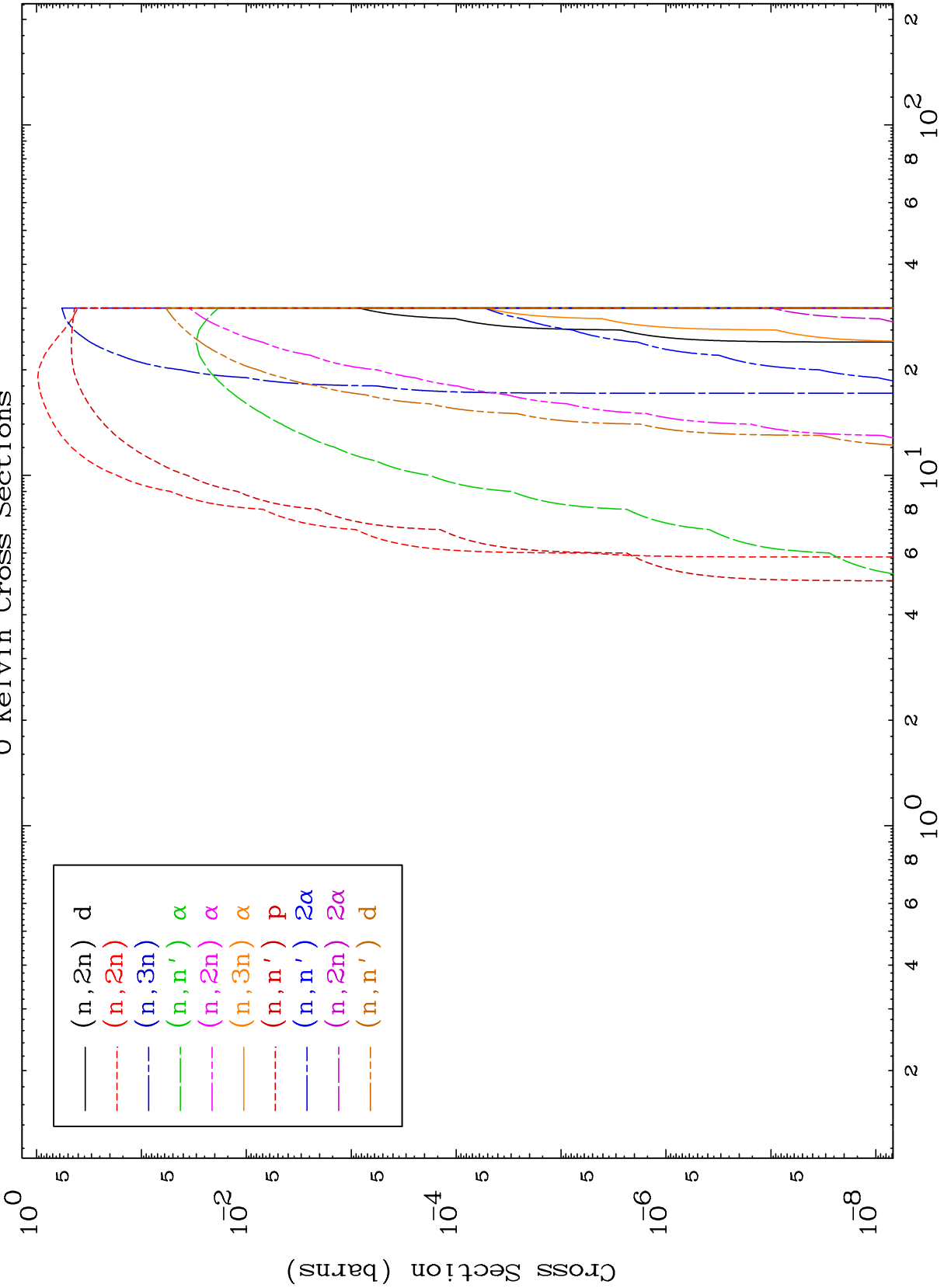
61-Pm-140



MAT 6128

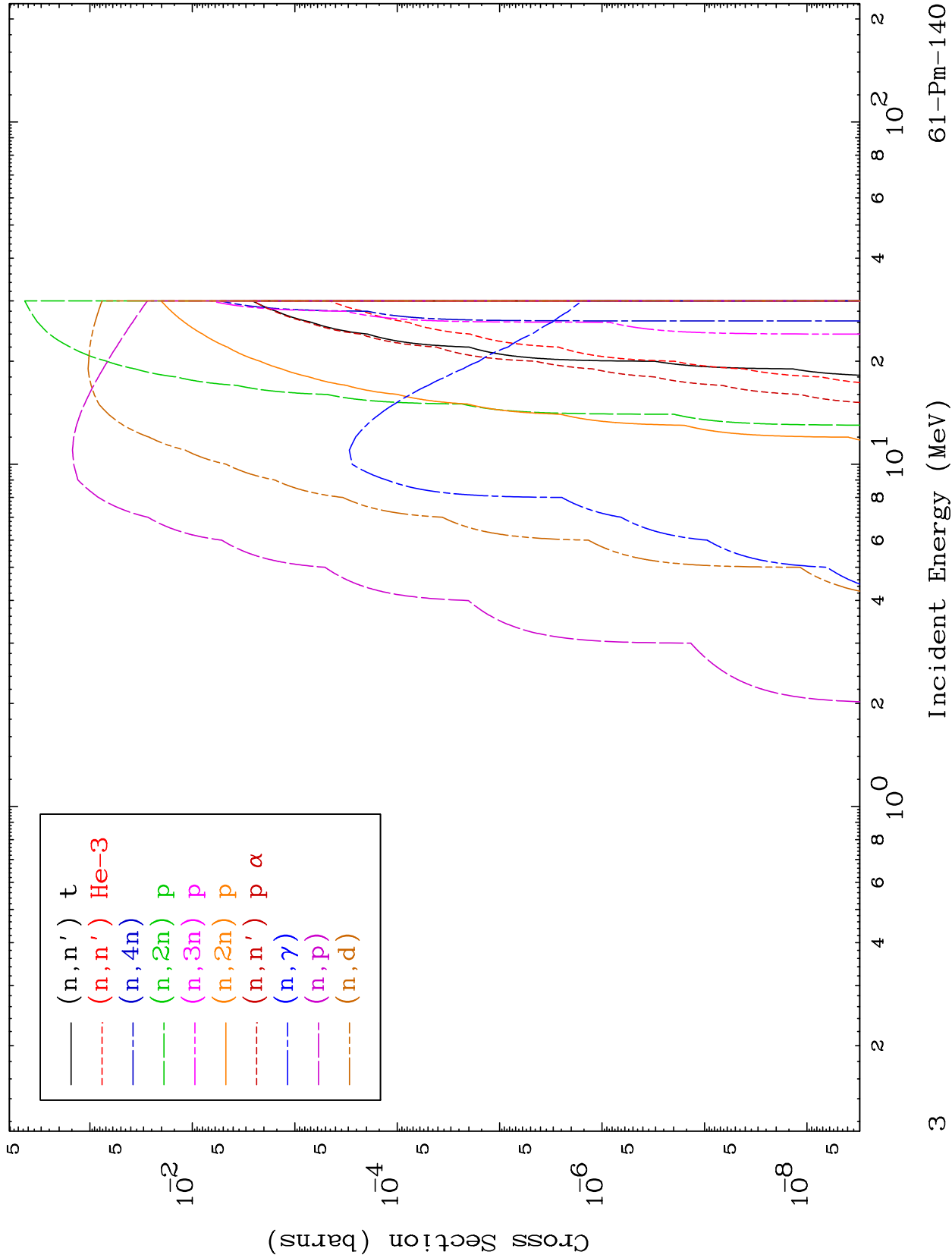
Deuteron Neutron Absorption
0 Kelvin Cross Sections

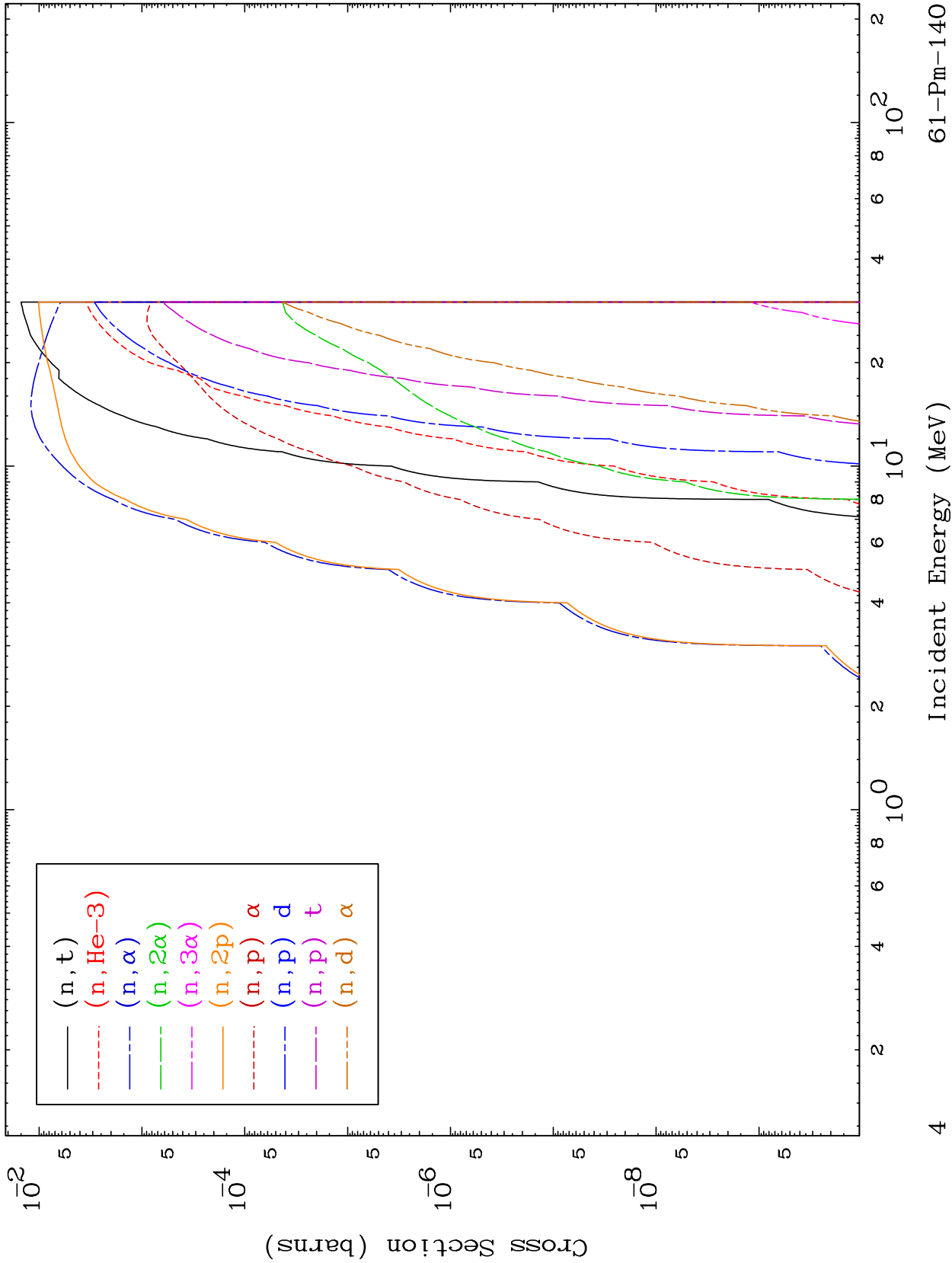
61-Pm-140

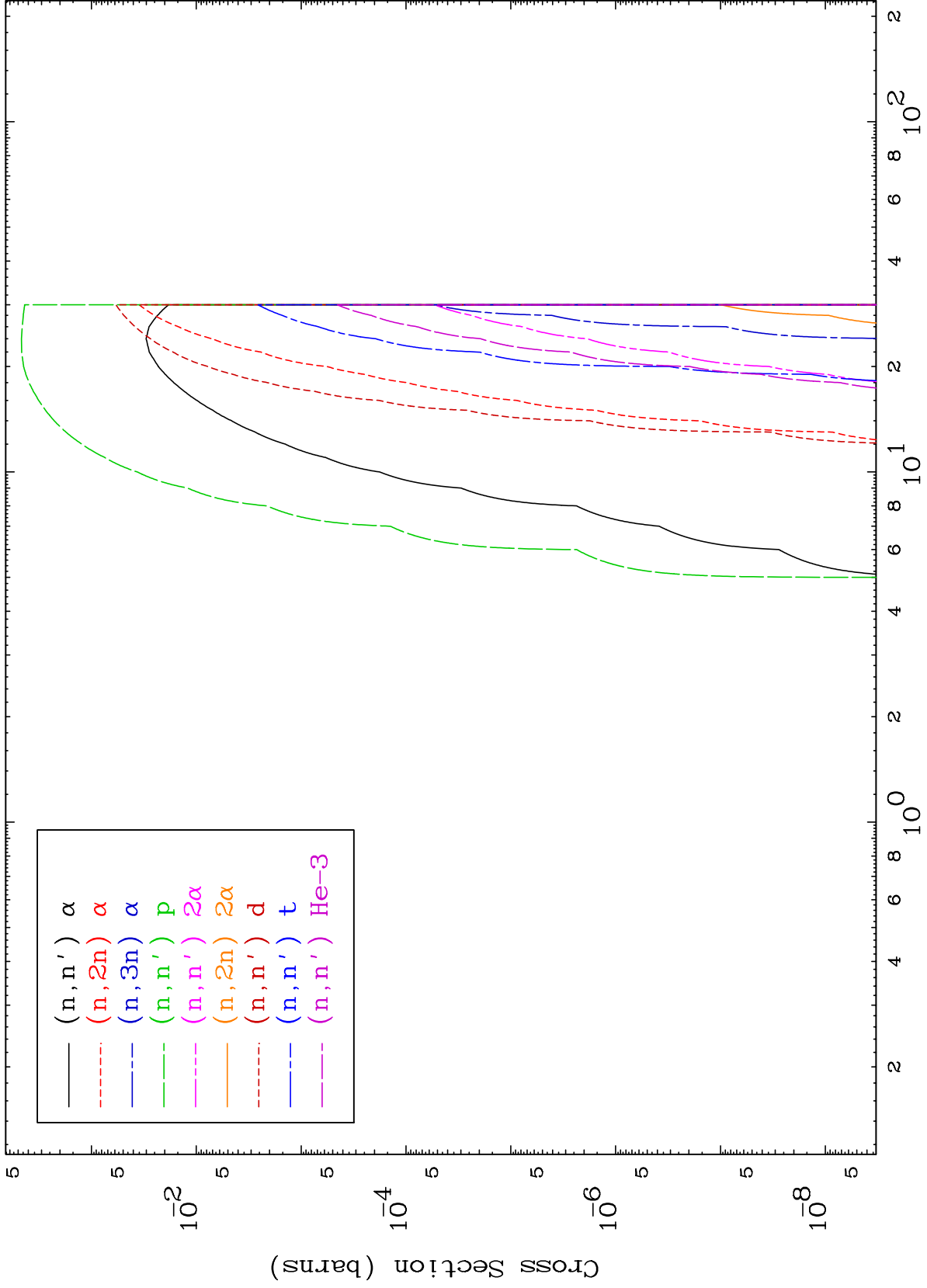


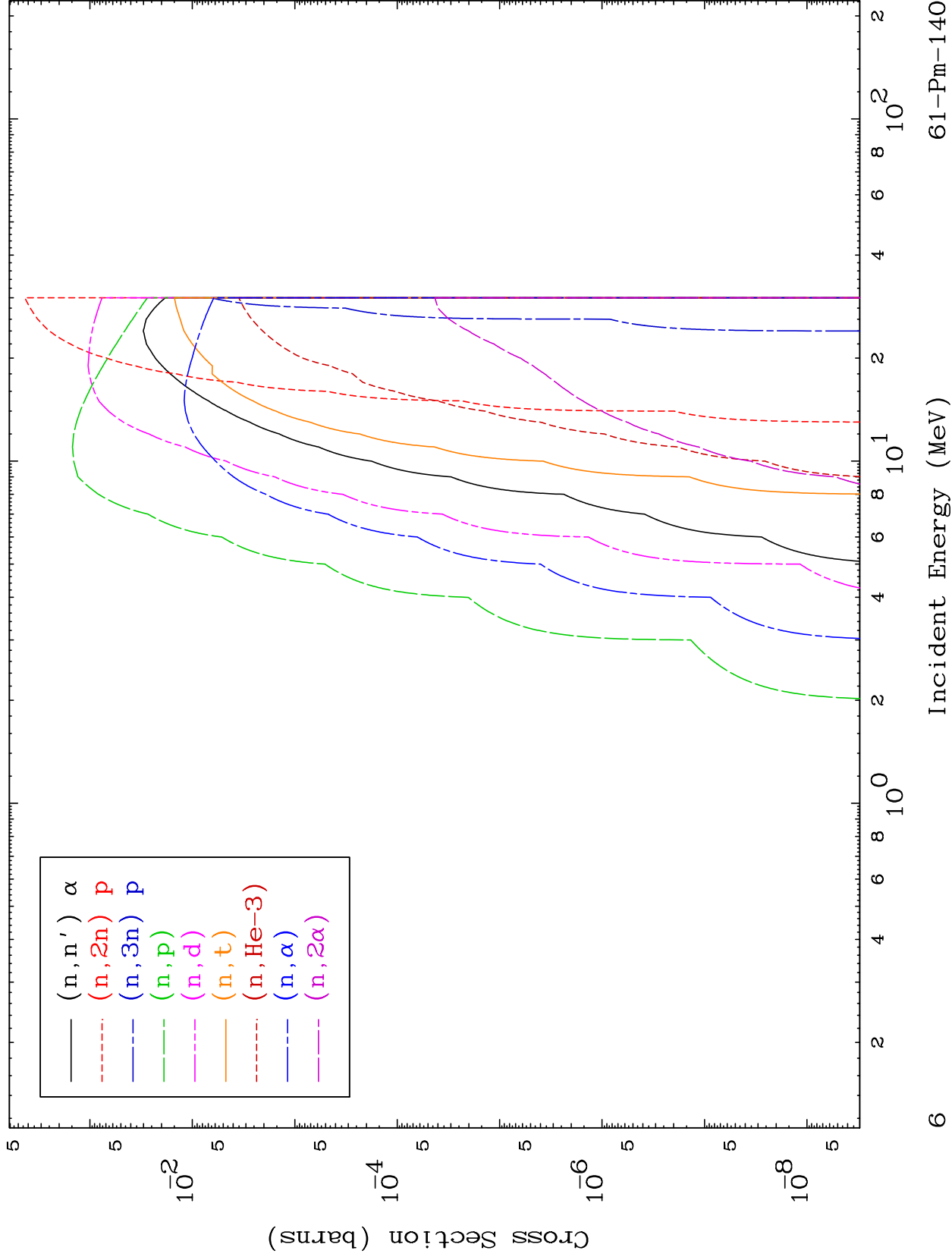
61-Pm-140

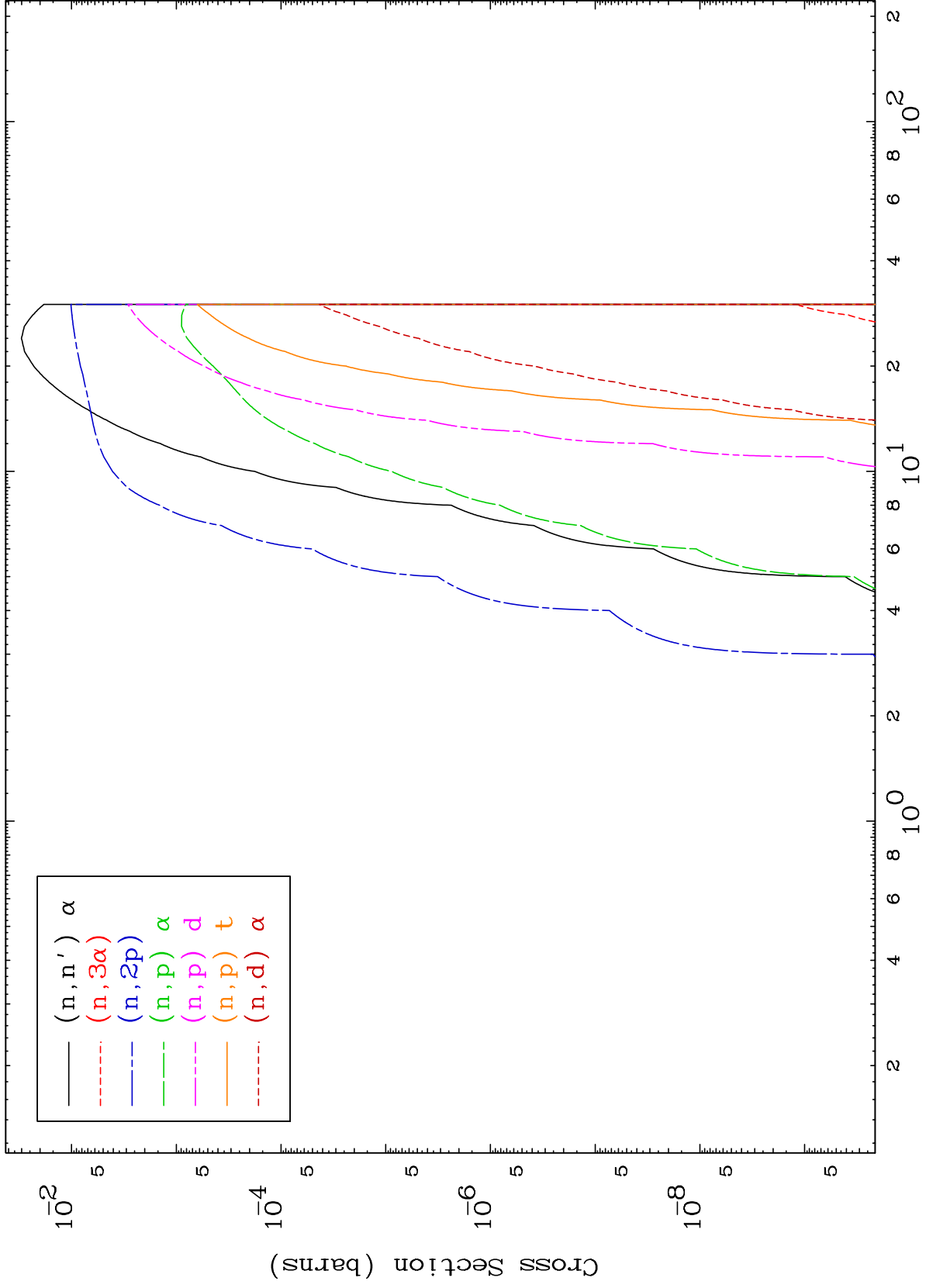
Incident Energy (MeV)









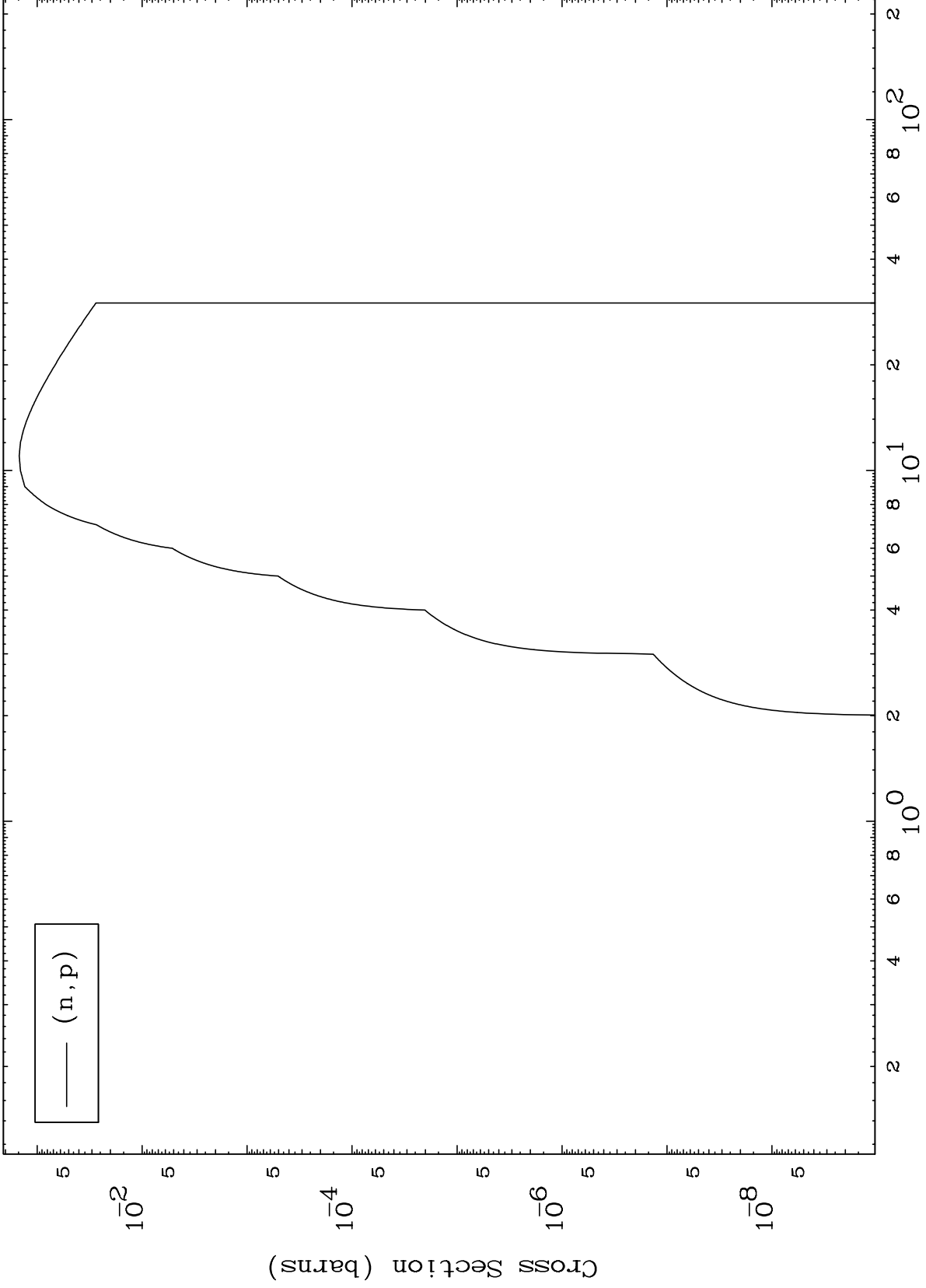


MAT 6128

(d,p) Levels

61-Pm-140

0 Kelvin Cross Sections

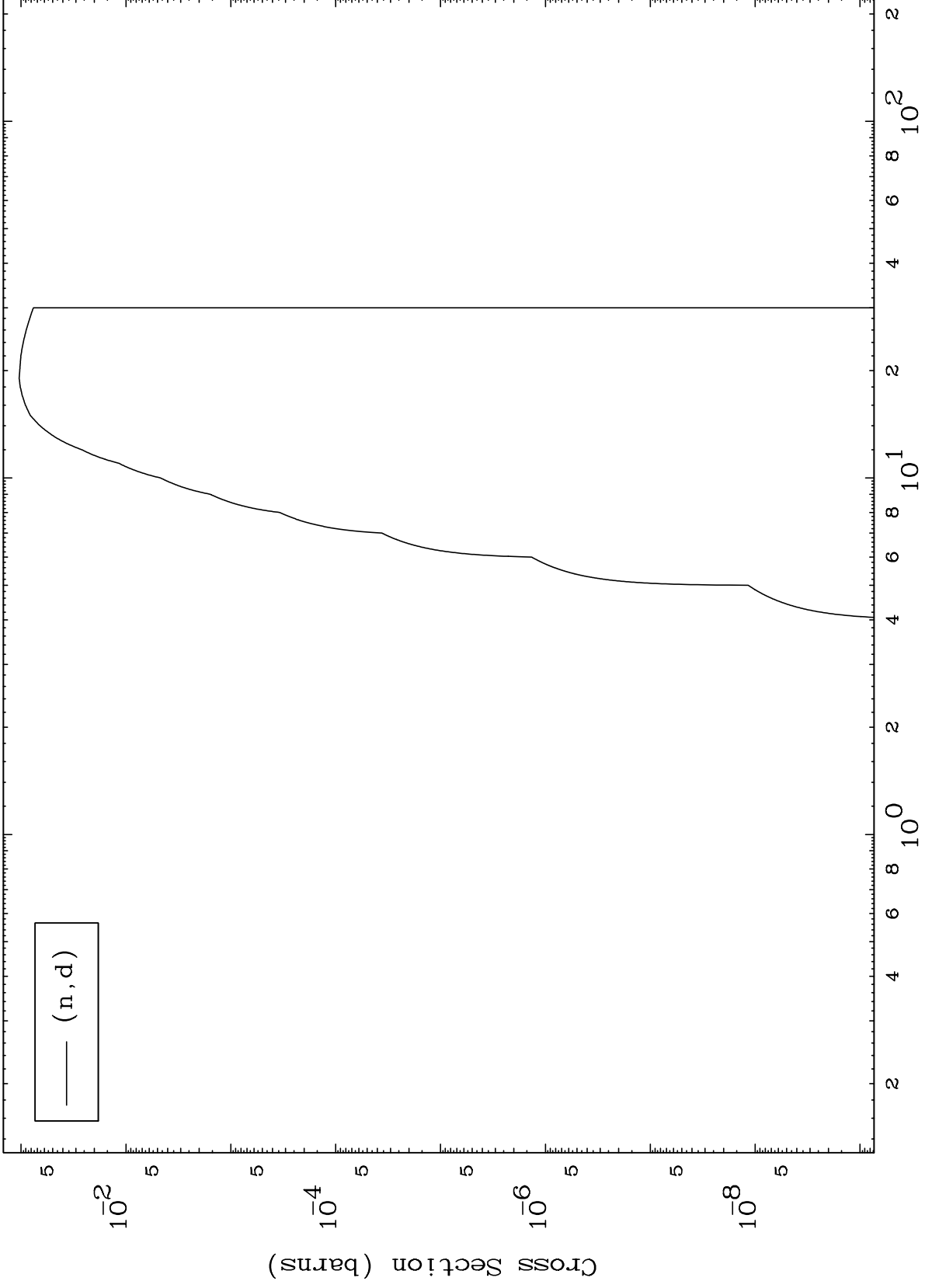


MAT 6128

(d,d) Levels

61-Pm-140

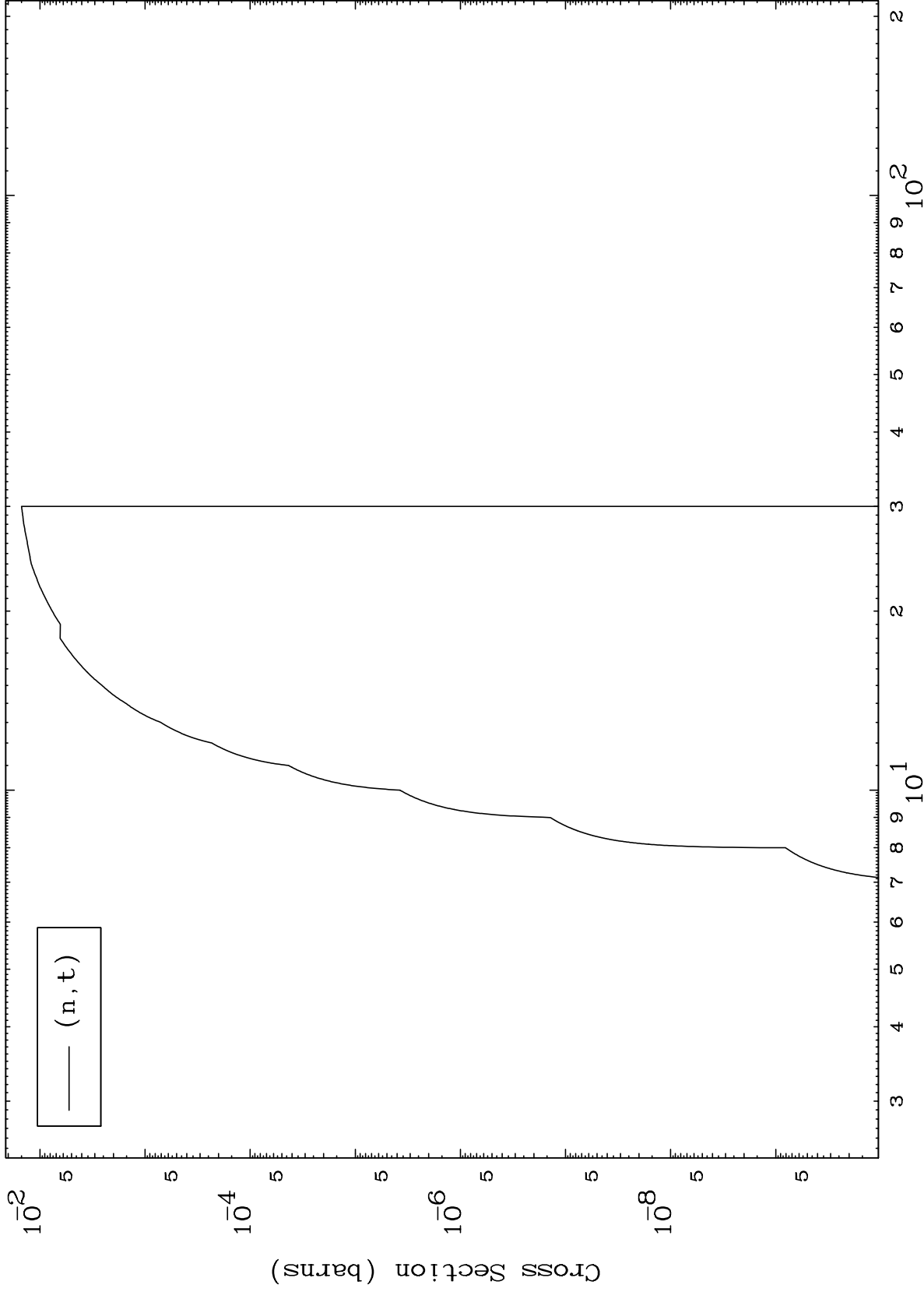
0 Kelvin Cross Sections



MAT 6128

(d,t) Levels
0 Kelvin Cross Sections

61-Pm-140



10

Incident Energy (MeV)

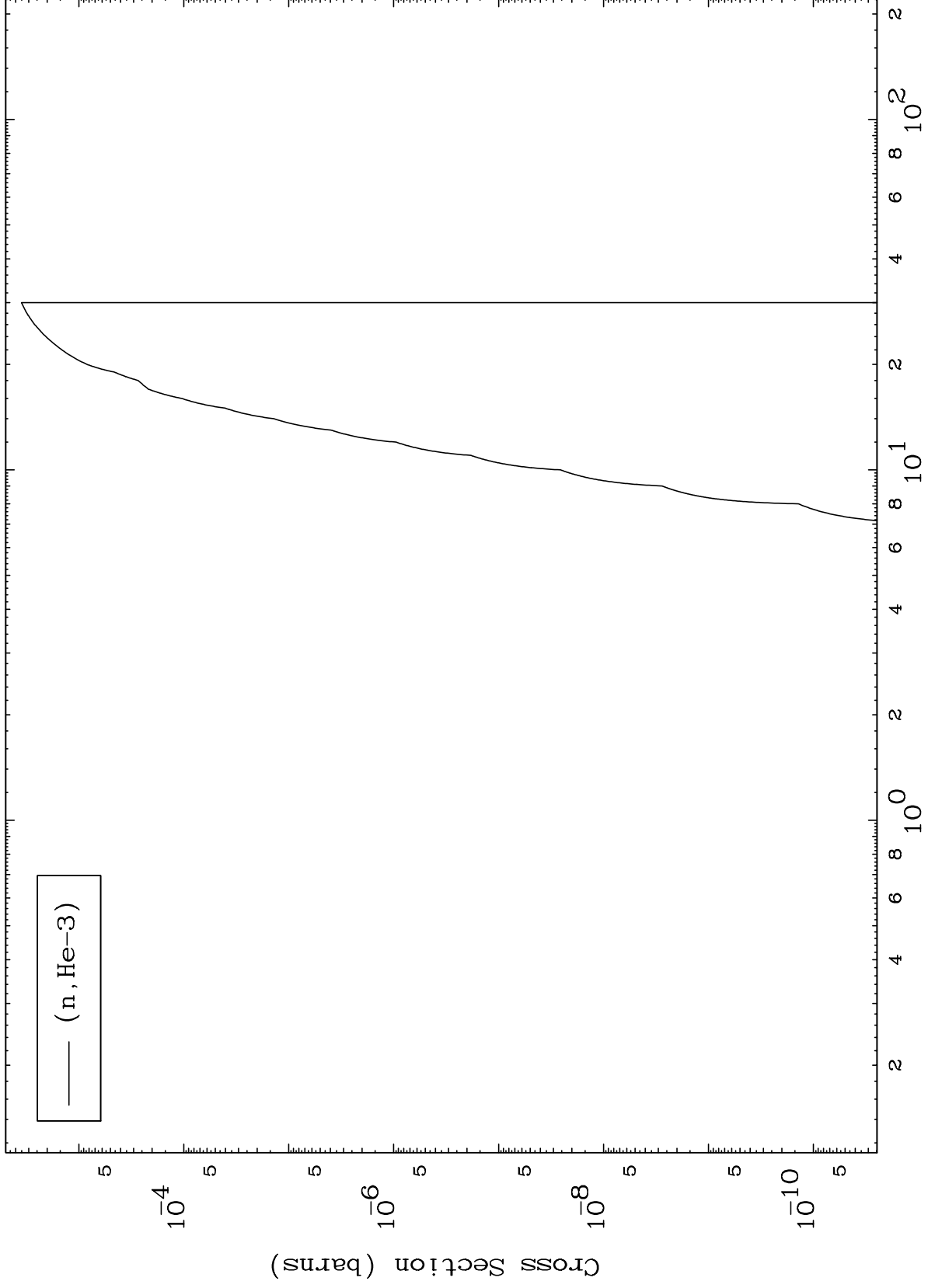
61-Pm-140

MAT 6128

(d,He3) Levels

61-Pm-140

0 Kelvin Cross Sections

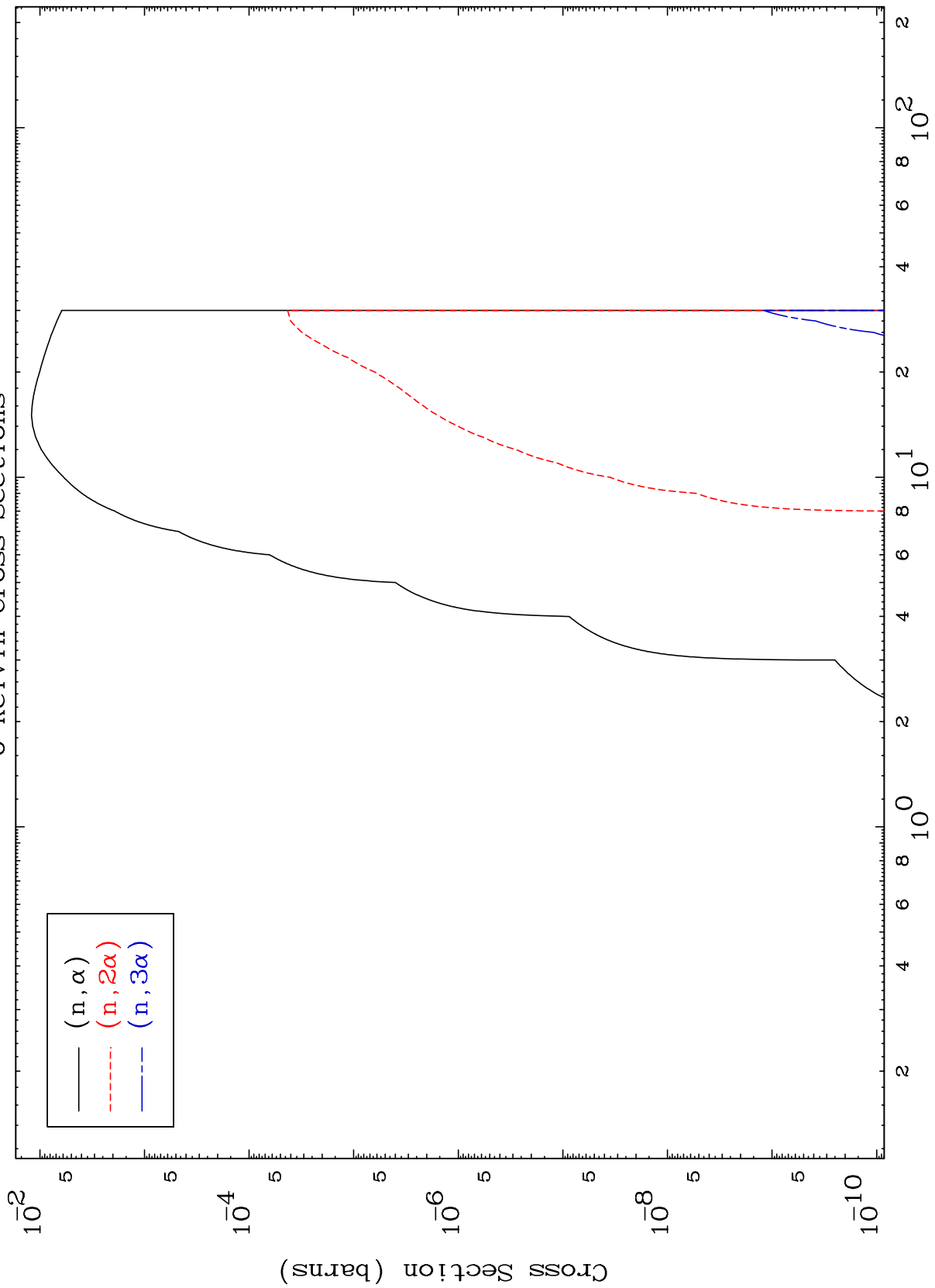


(n, He-3)

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61-Pm-140

(d, α) Levels
0 Kelvin Cross Sections



61-Pm-140

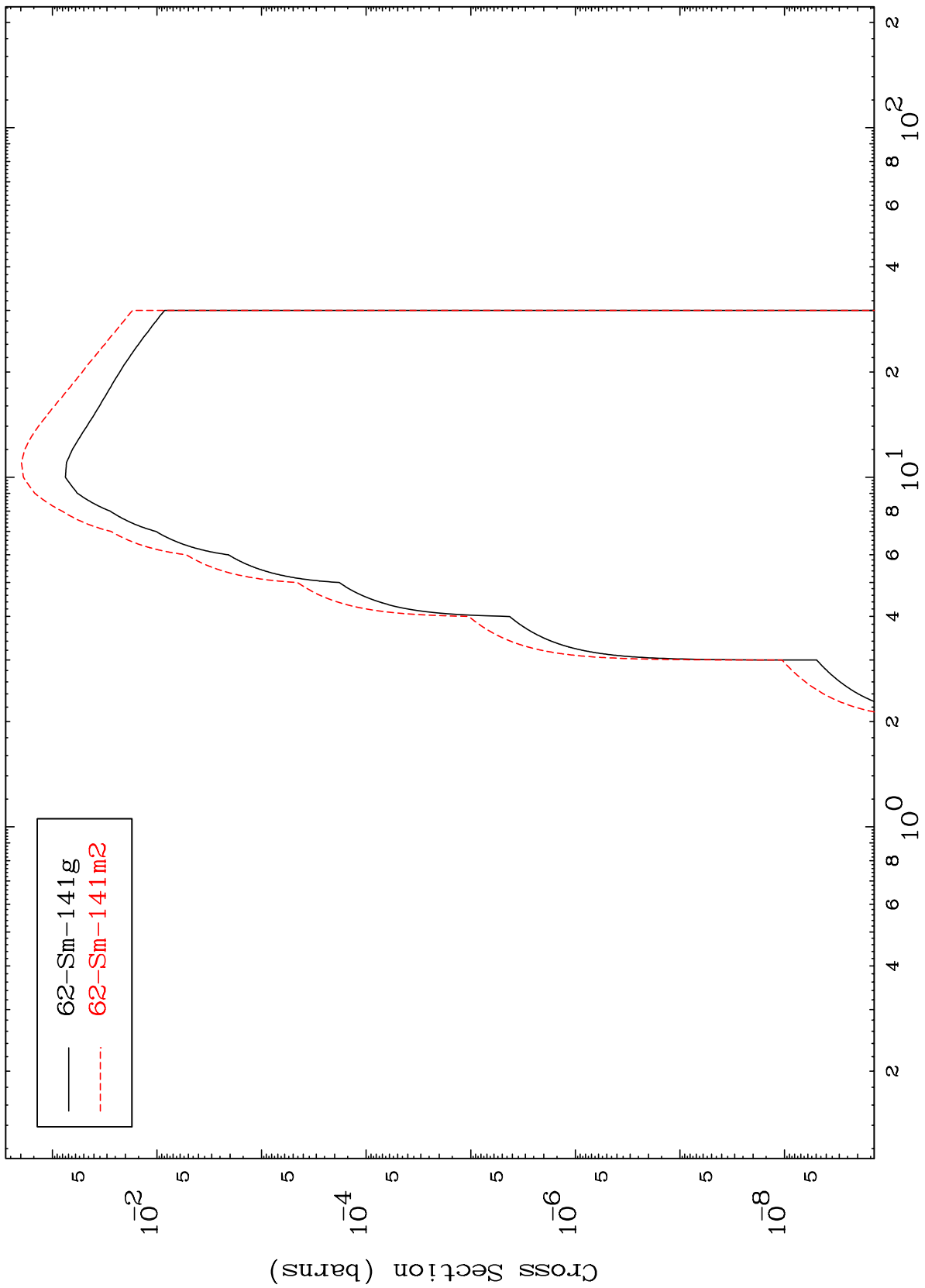
Incident Energy (MeV)

12

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61-Pm-140

Radionuclide Production Cross Section

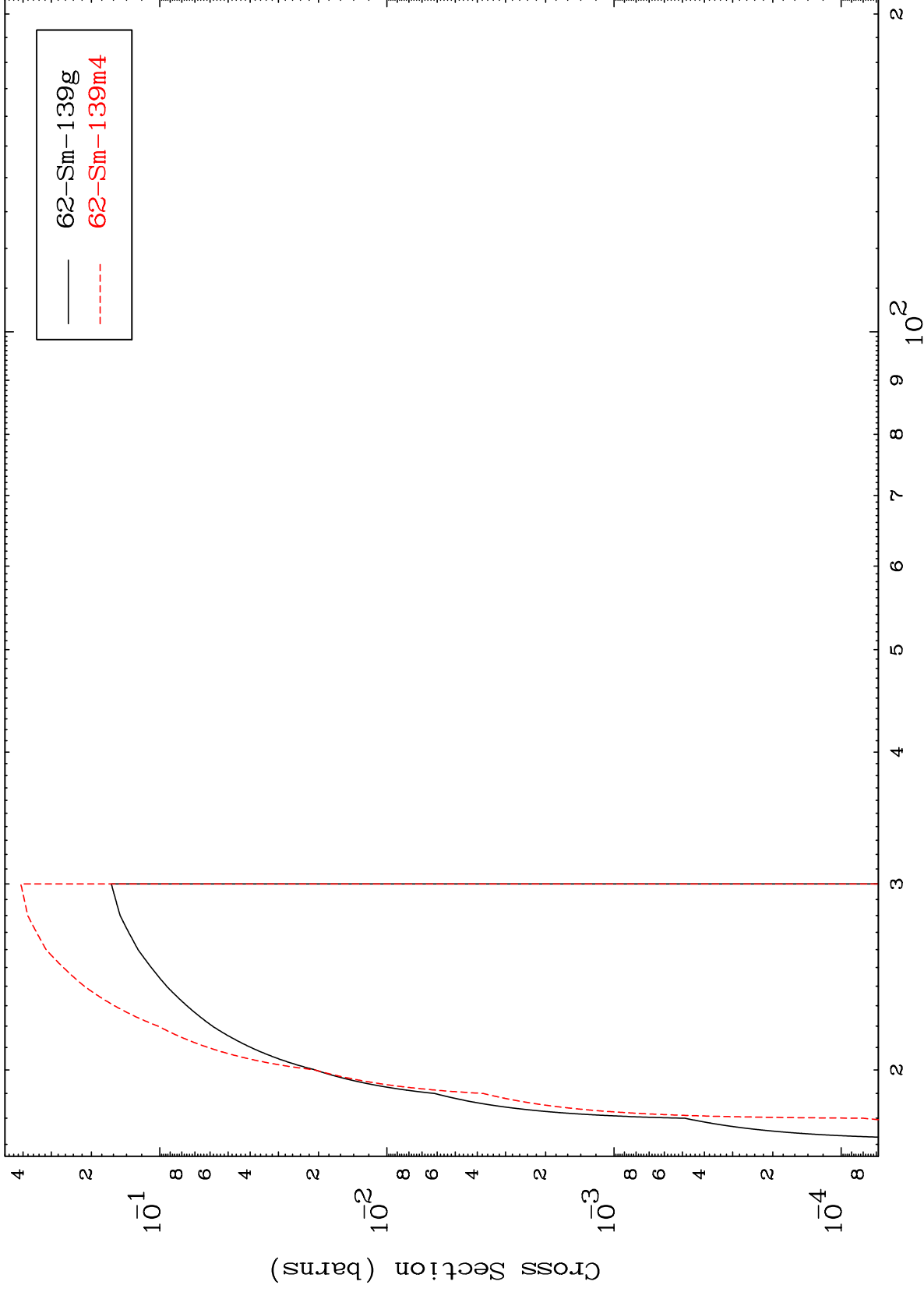


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(n,3n)

61-Pm-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

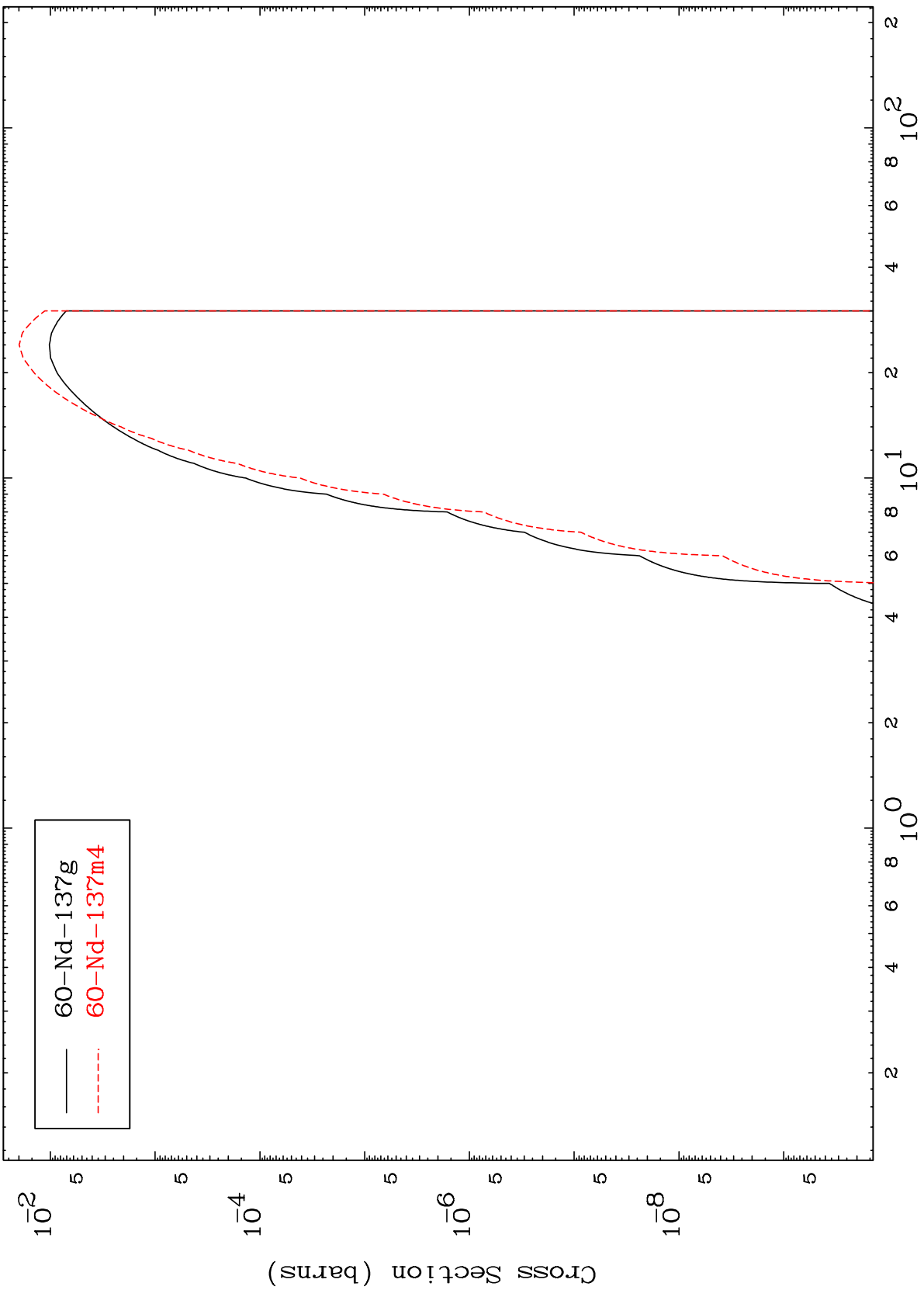
61-Pm-140

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$(n, n') \alpha$

61-Pm-140

Radionuclide Production Cross Section

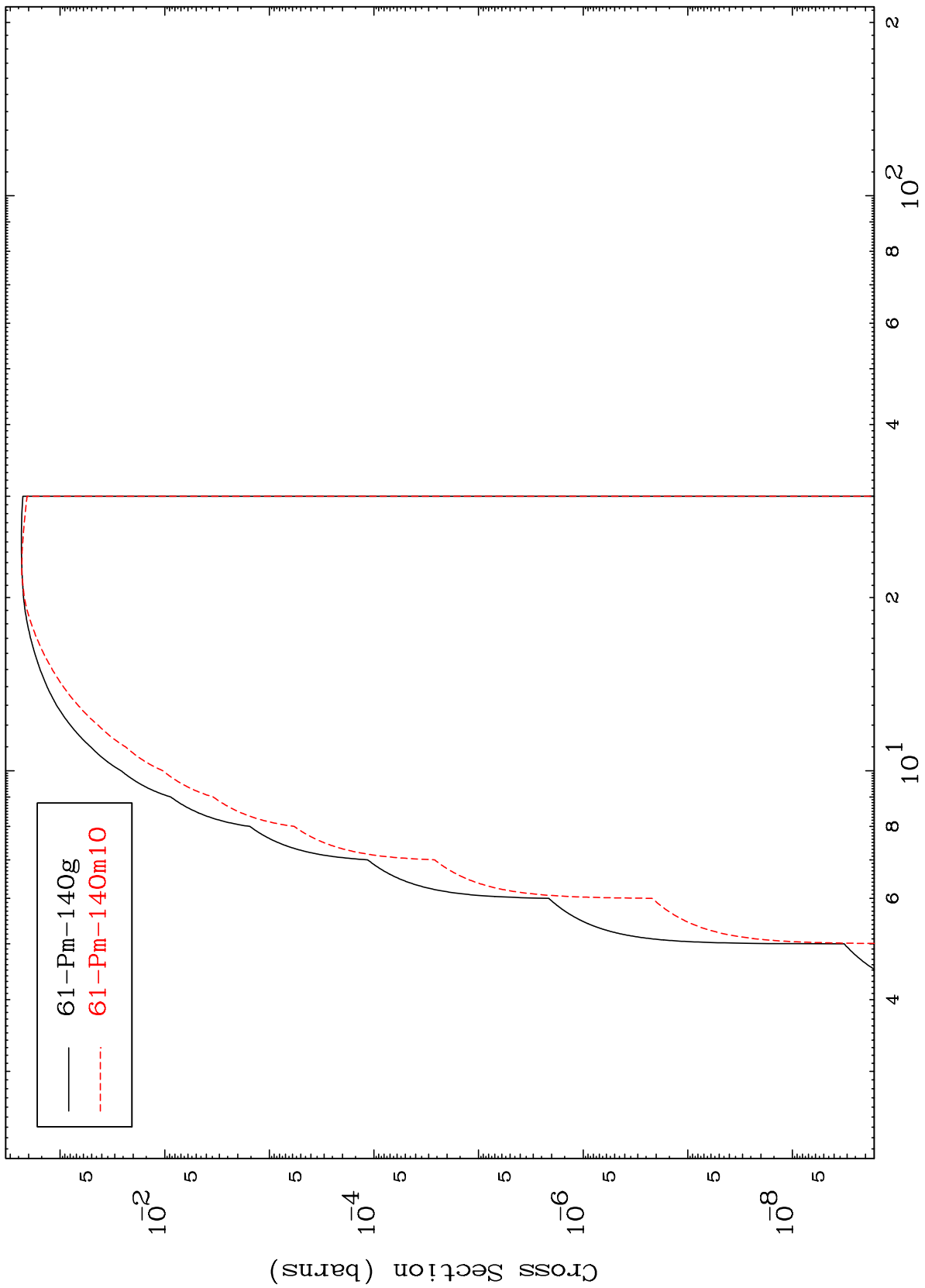


60-Nd-137g
60-Nd-137m4

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61-Pm-140

(n,n') p
Radionuclide Production Cross Section



16

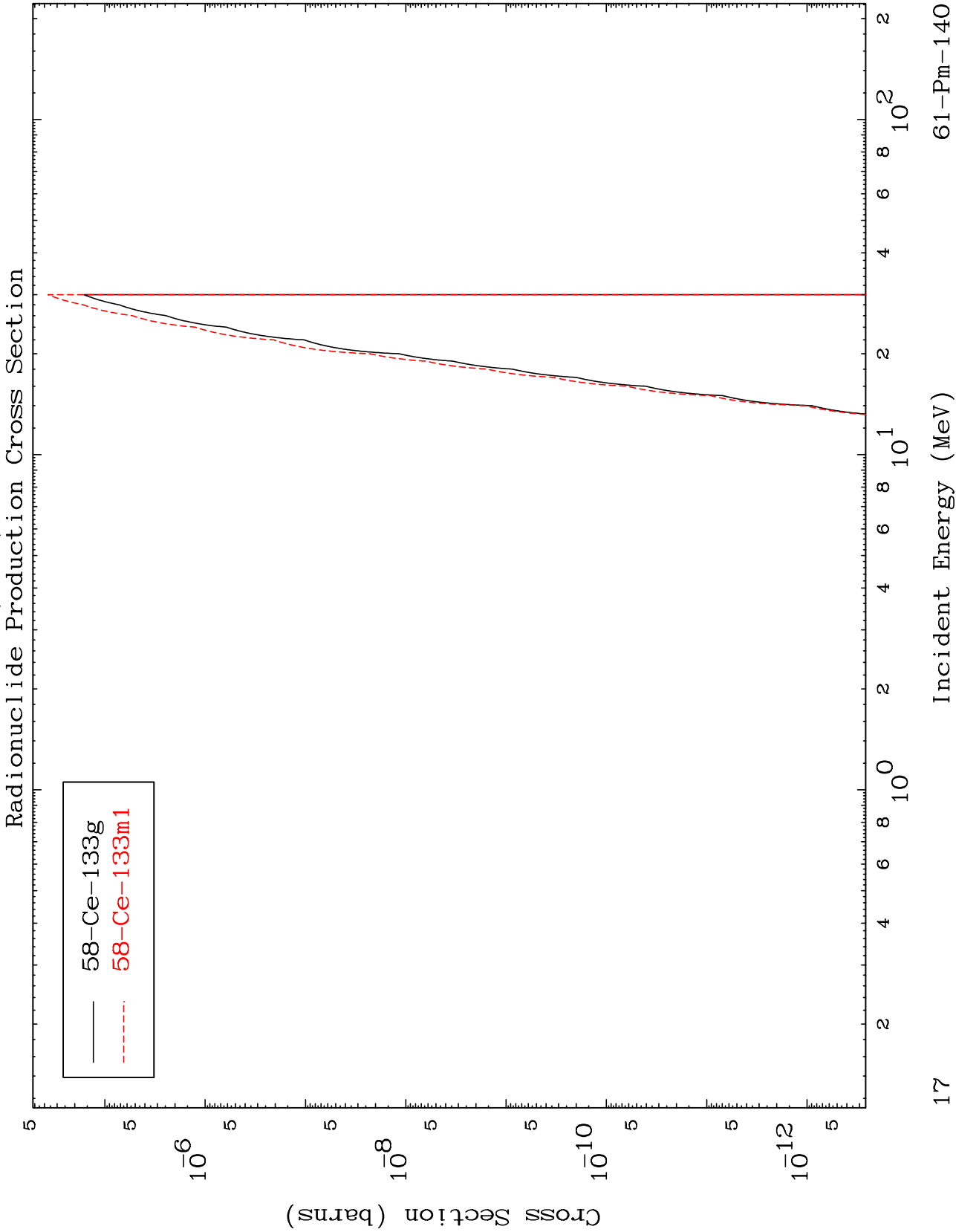
61-Pm-140

Incident Energy (MeV)

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(n,n') 2 α

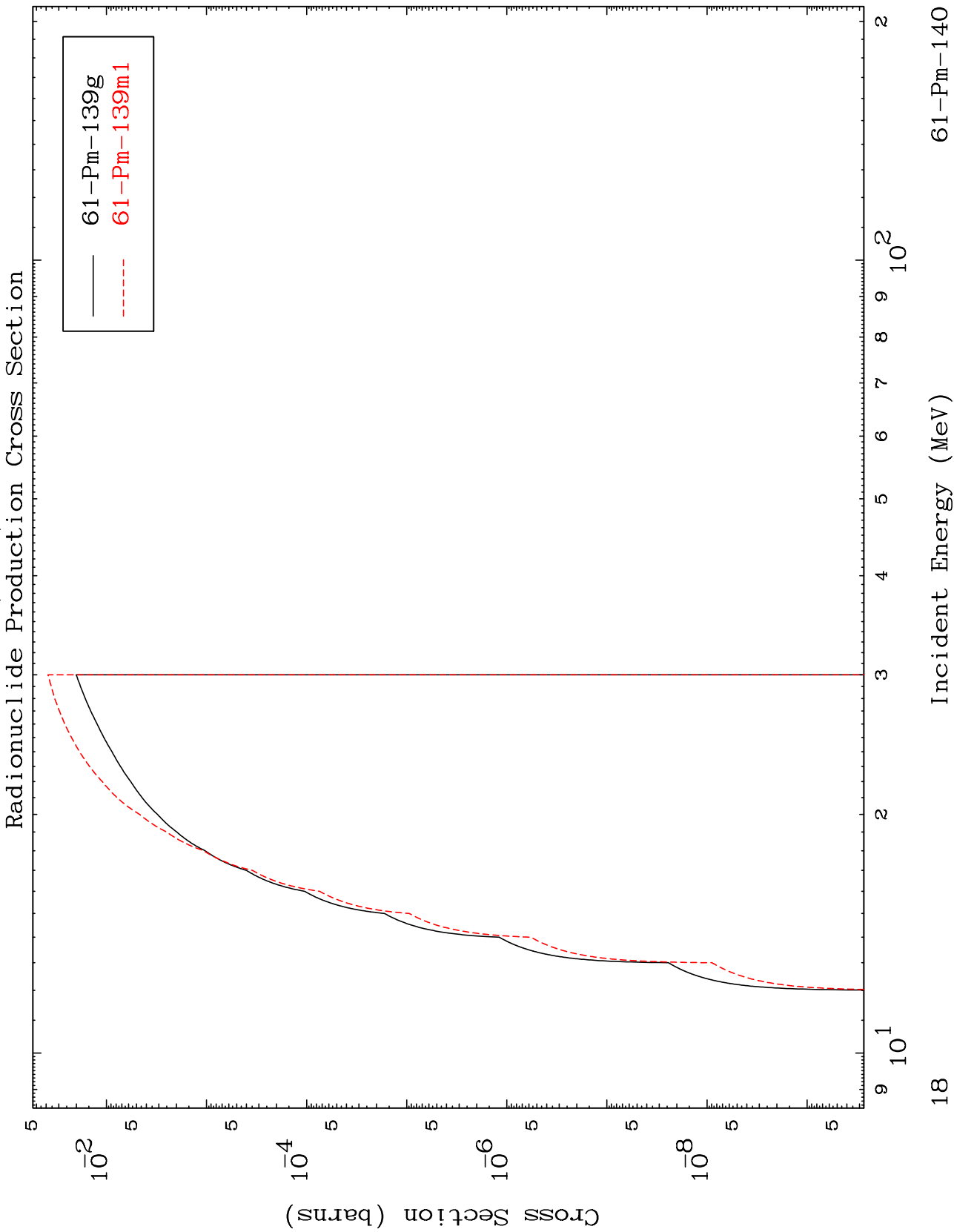
61-Pm-140



MAT 6128

(n,n') d

61-Pm-140



18

Incident Energy (MeV)

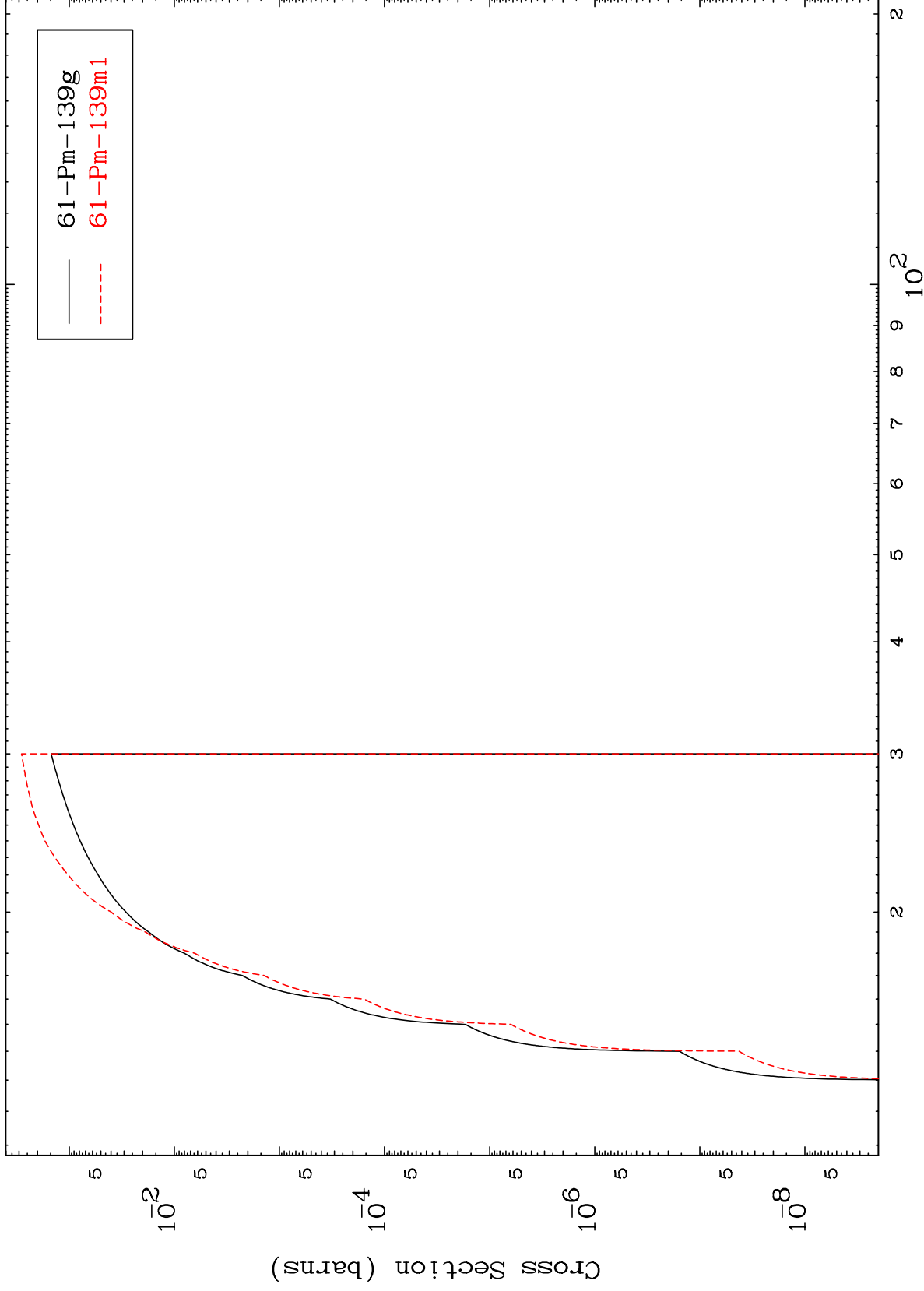
61-Pm-140

MAT 6128

(n,2n) p

61-Pm-140

Radionuclide Production Cross Section



19

Incident Energy (MeV)

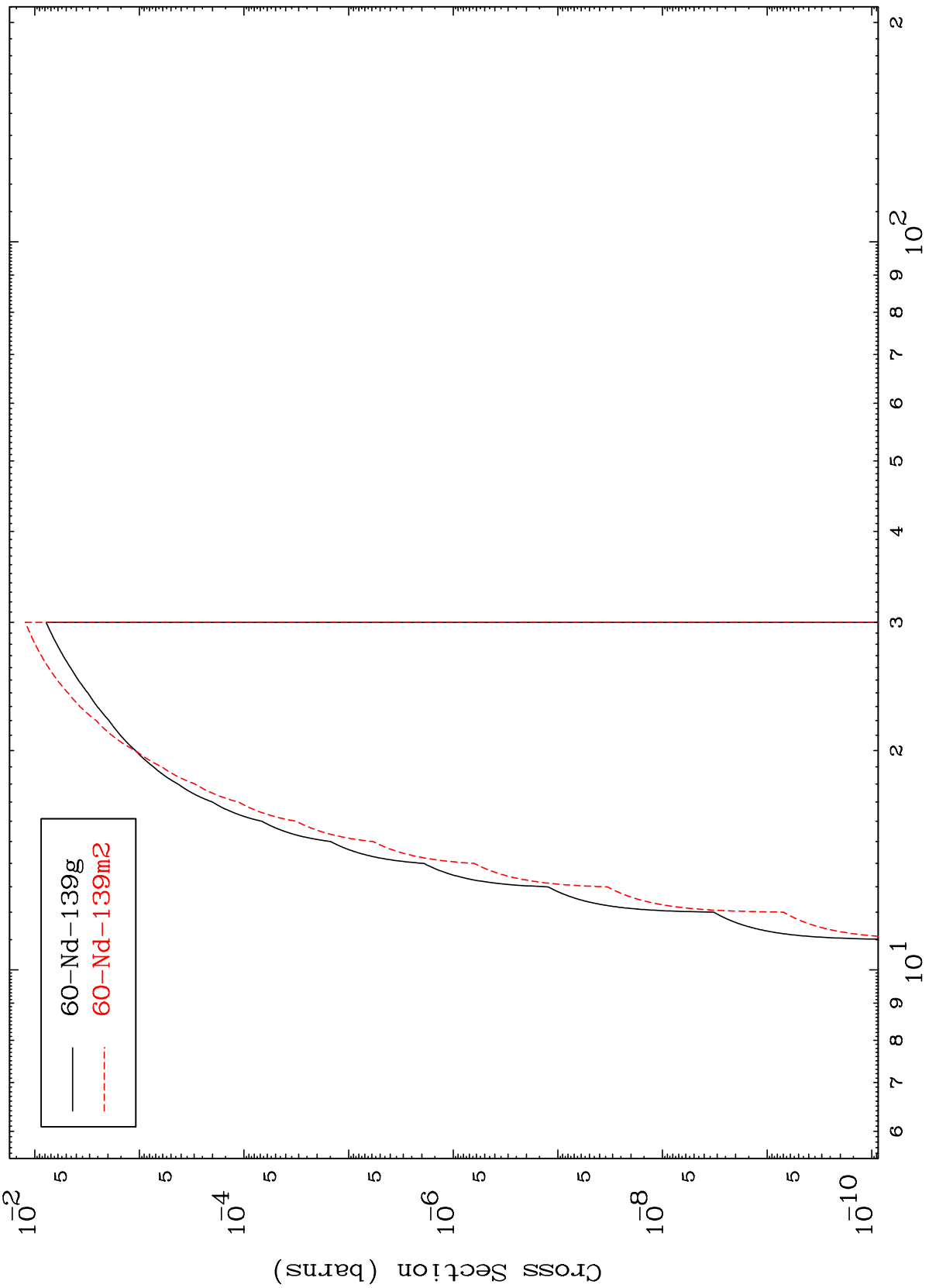
61-Pm-140

MAT 6128

(n,2n) p

61-Pm-140

Radionuclide Production Cross Section



20

Incident Energy (MeV)

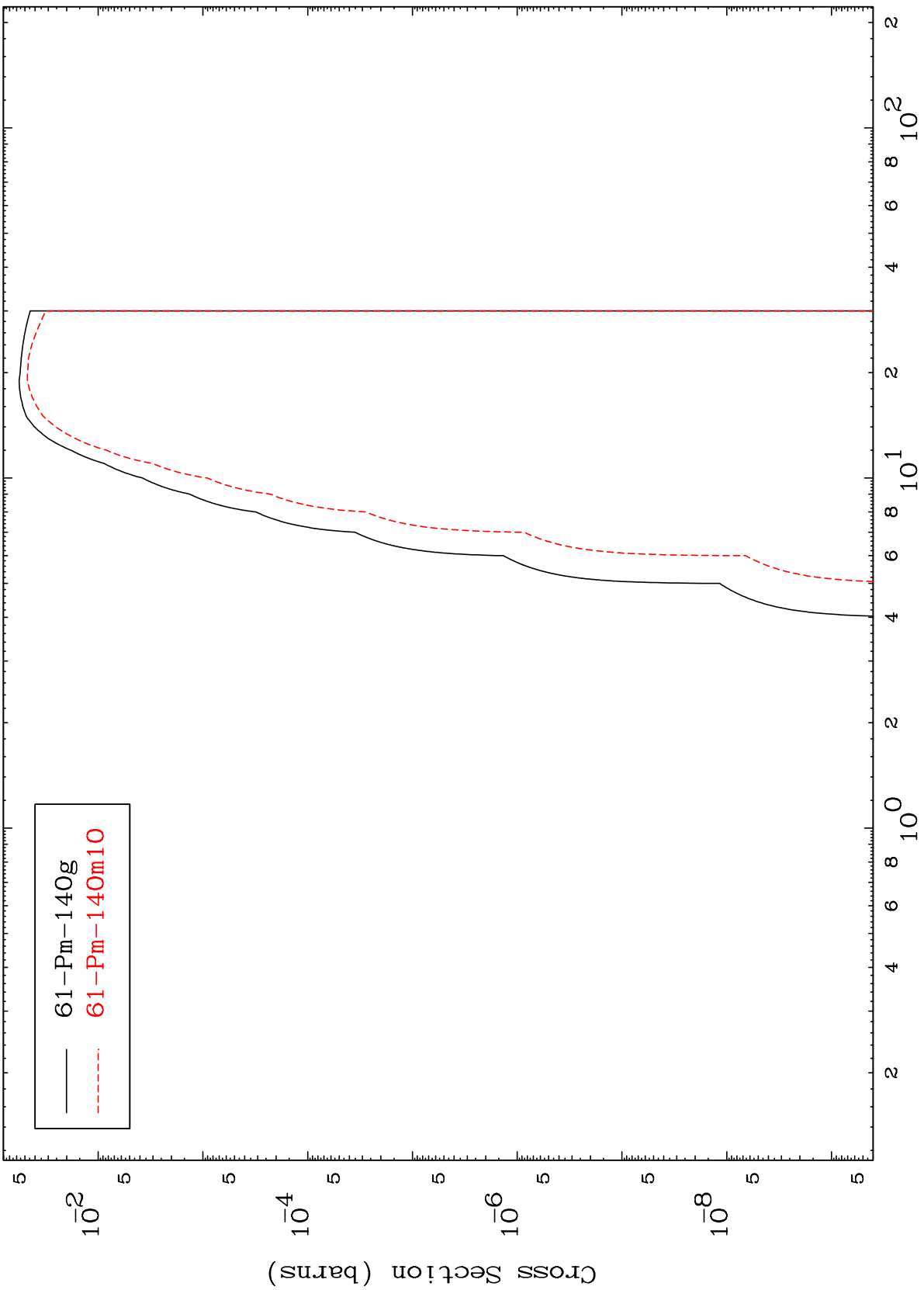
61-Pm-140

MAT 6128

(n,d)

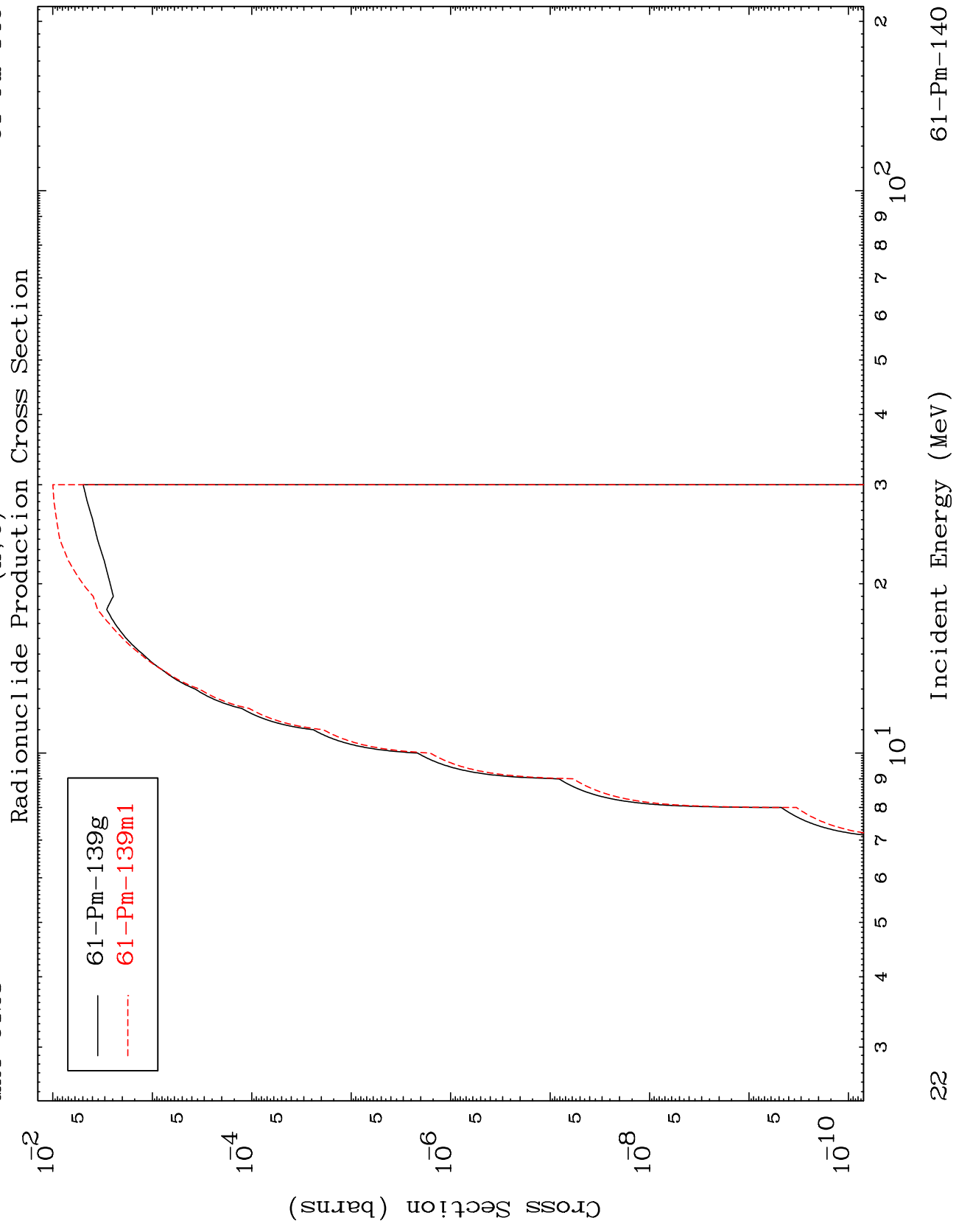
⁶¹Pm-140

Radionuclide Production Cross Section



MAT 6128

61-Pm-140

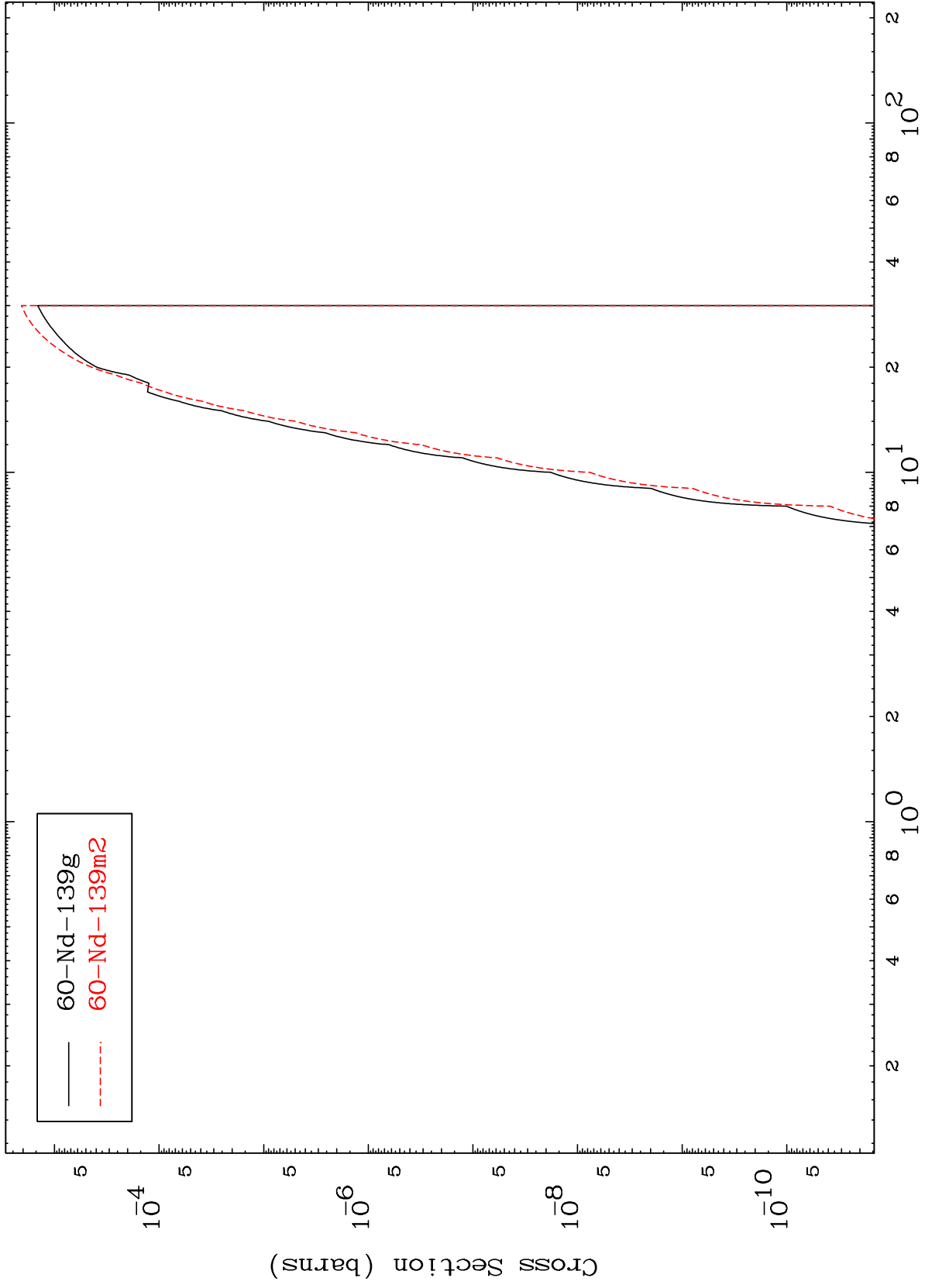


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(n,He-3)

61-Pm-140

Radionuclide Production Cross Section

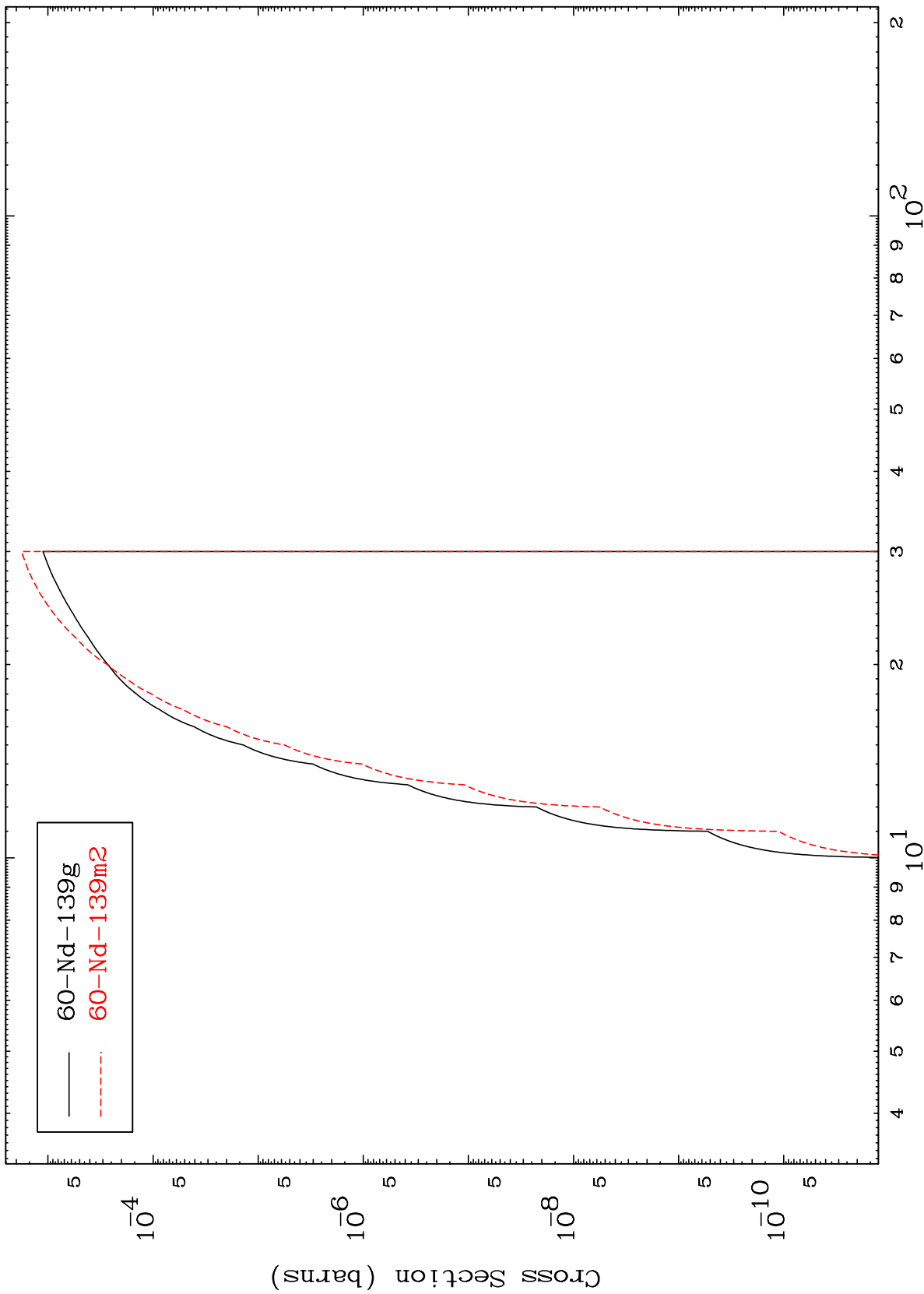


MAT 6128

(n,p) d

61-Pm-140

Radionuclide Production Cross Section



60-Nd-139g
60-Nd-139m2

24

Incident Energy (MeV)

61-Pm-140