

Program EVALPLOT
(Version 2021-1)

by

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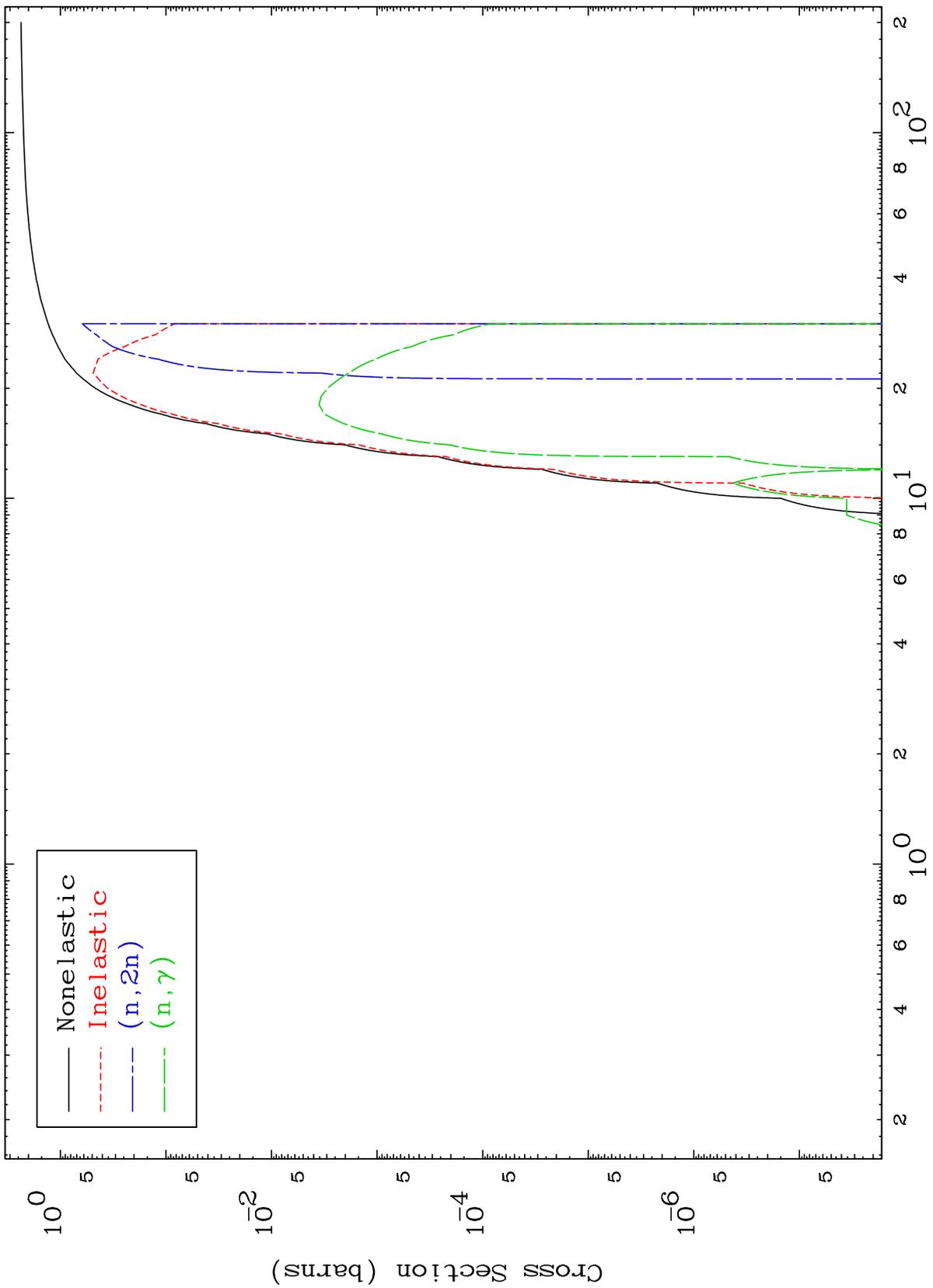
Press Mouse Button to Start

MAT 6128

0 Kelvin

Major Cross Sections

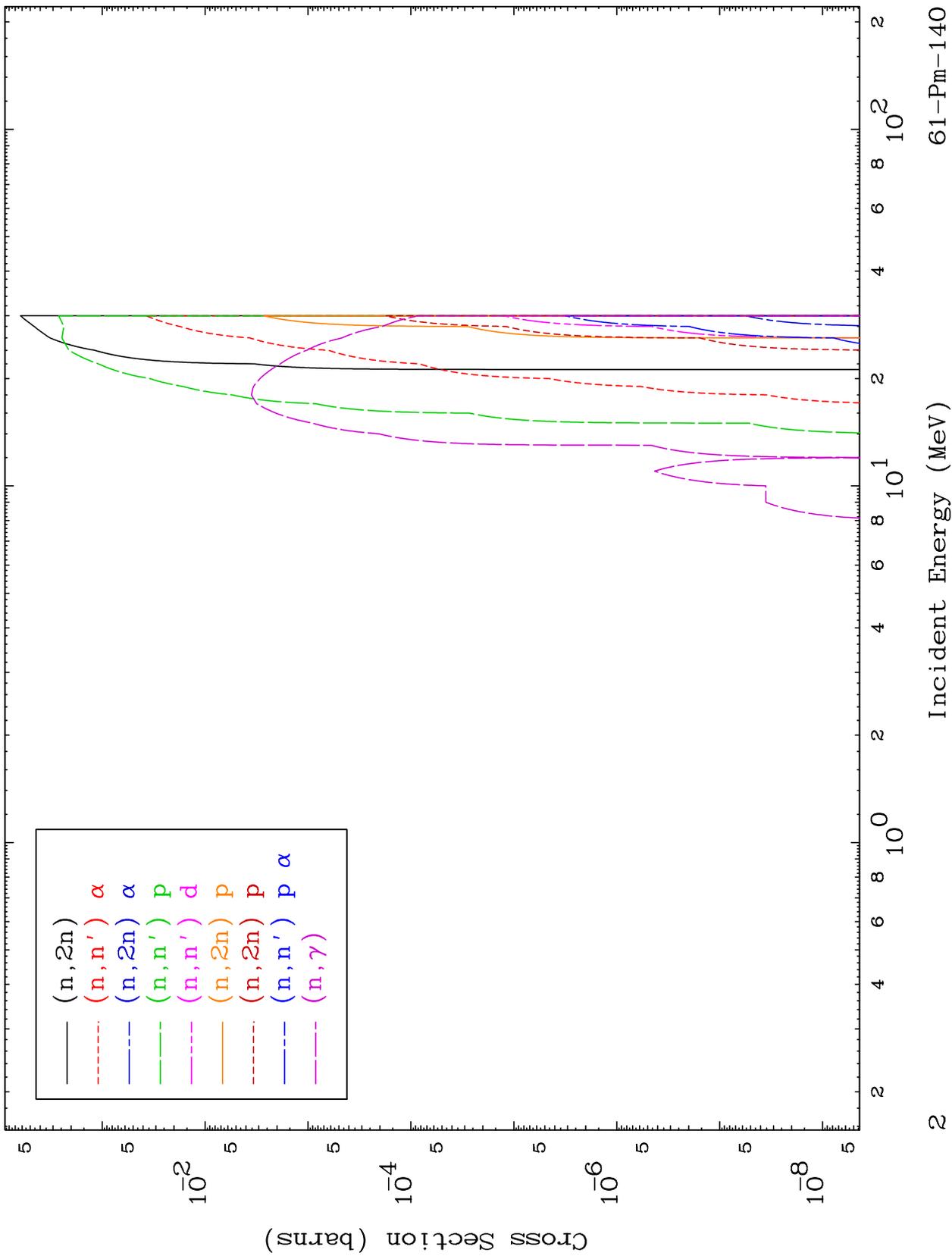
61-Pm-140



MAT 6128

α Neutron Absorption
0 Kelvin Cross Sections

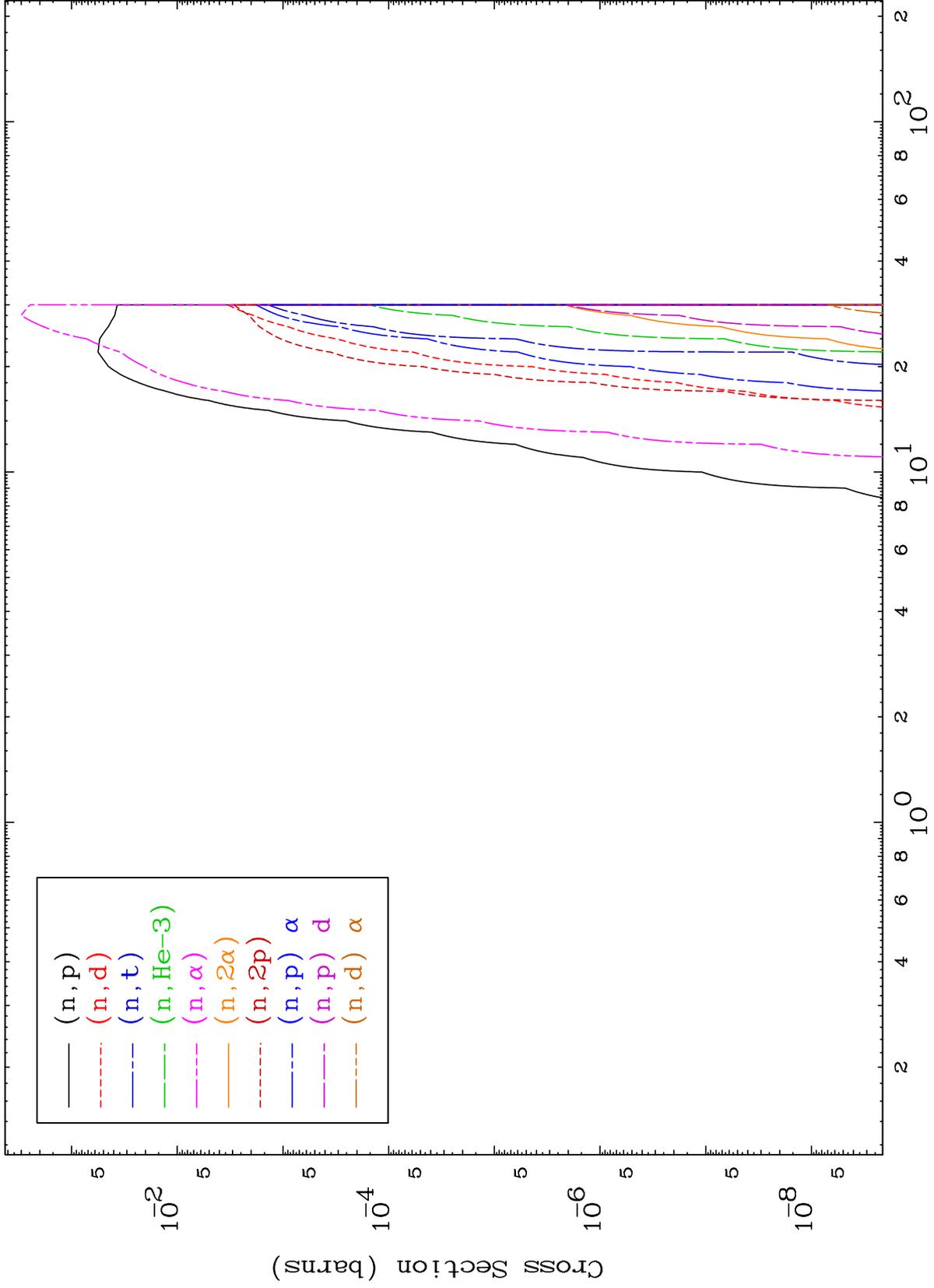
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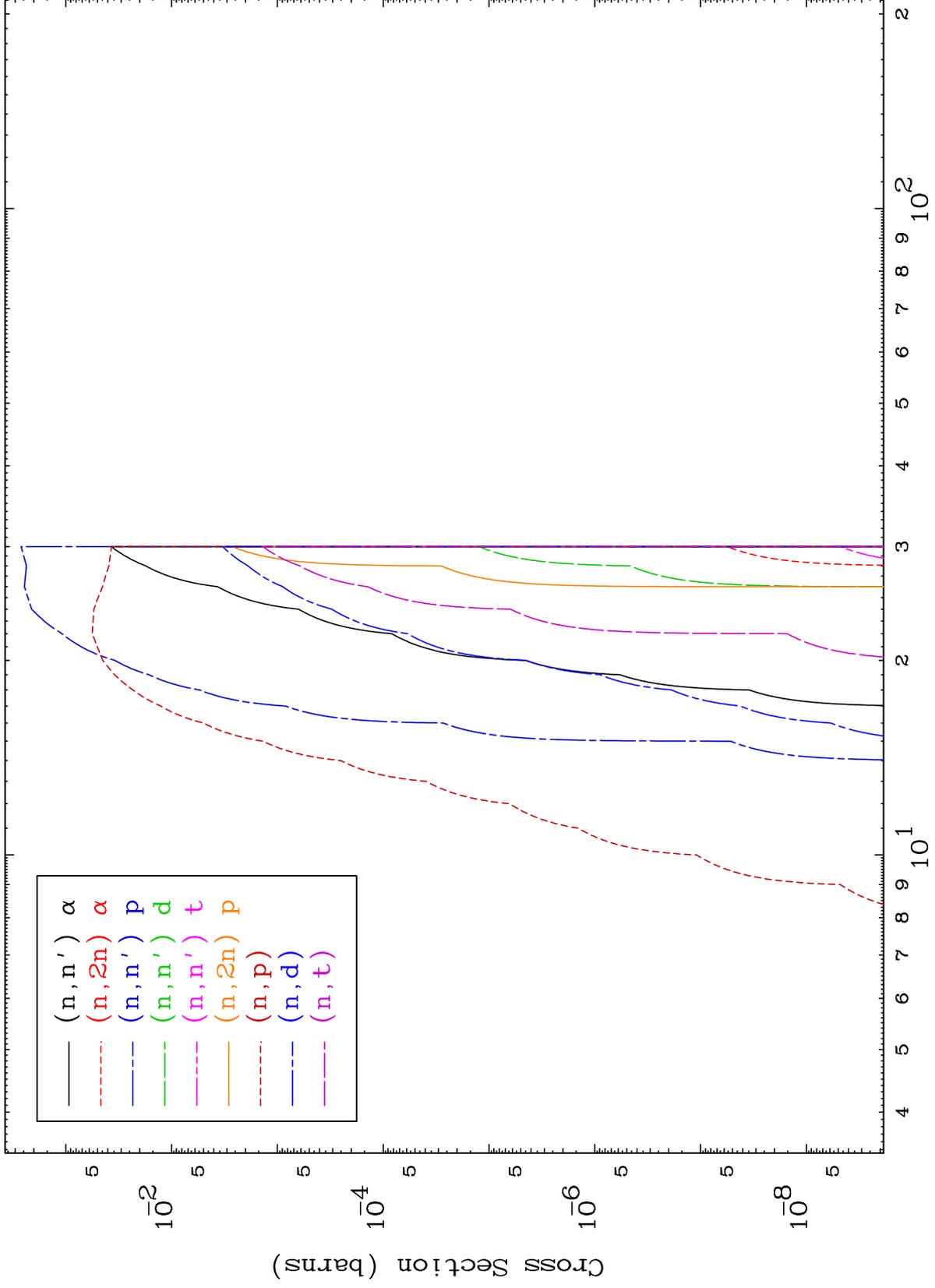


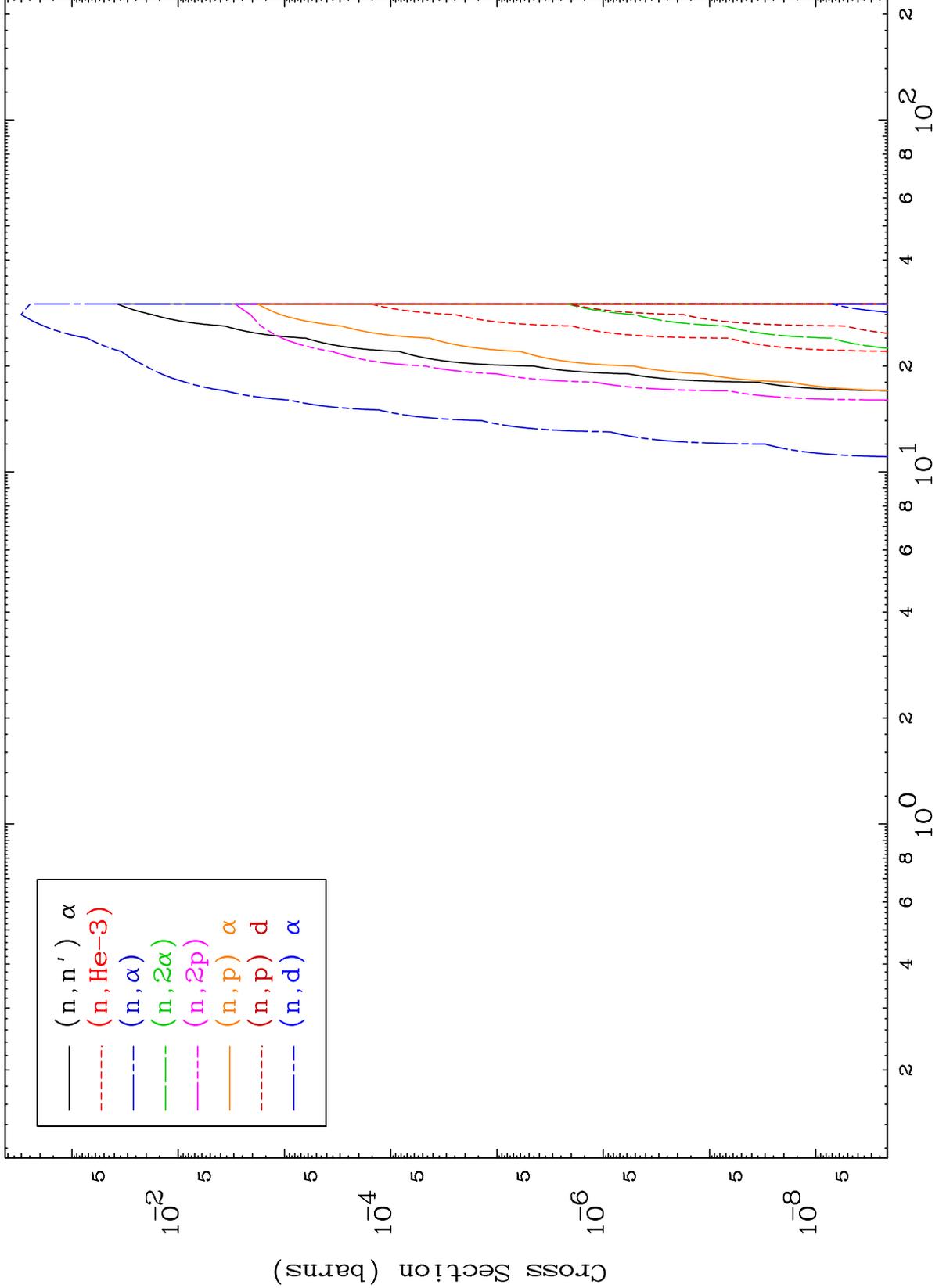
61-Pm-140

Incident Energy (MeV)

2



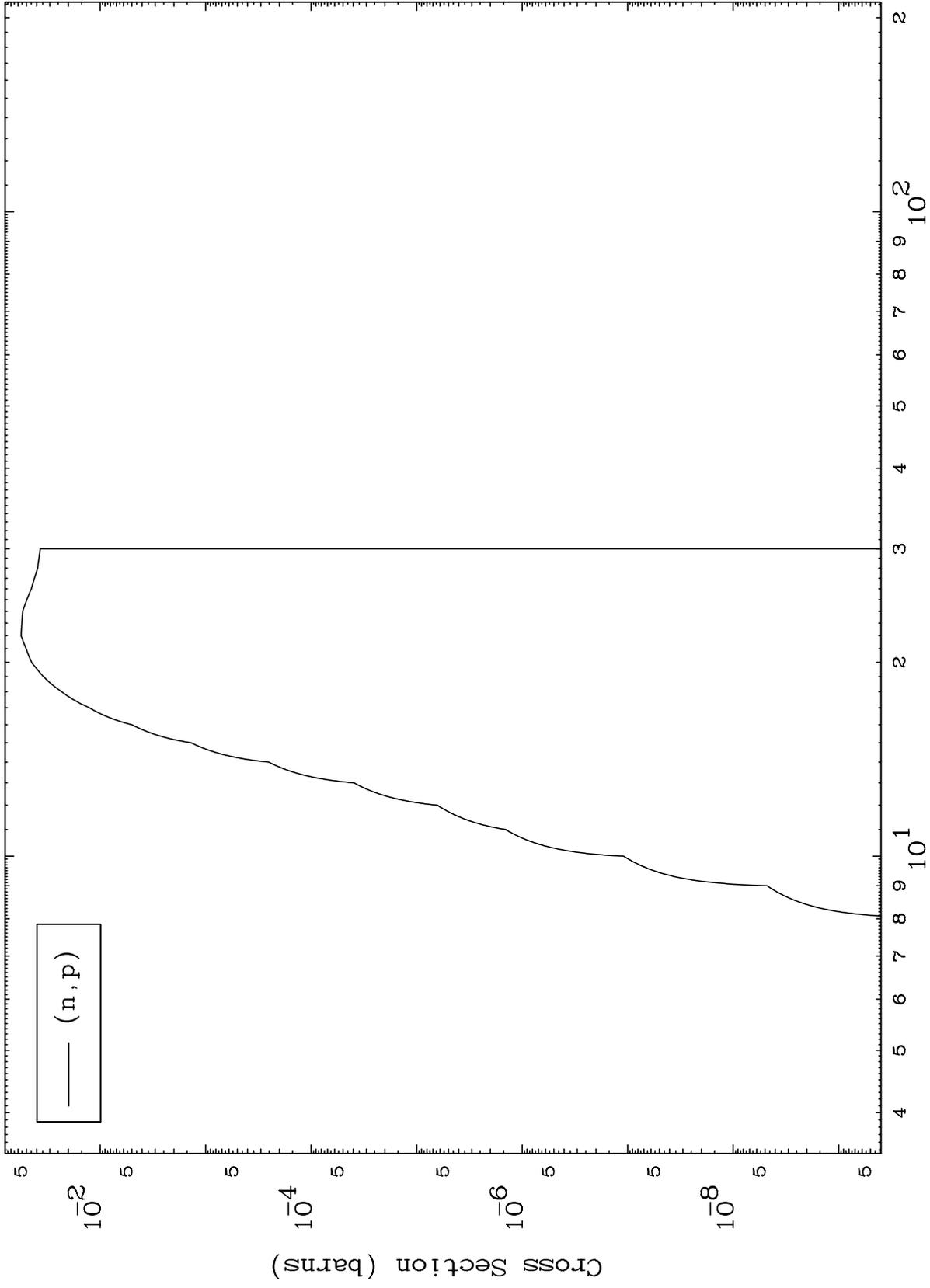




MAT 6128

61-Pm-140

(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

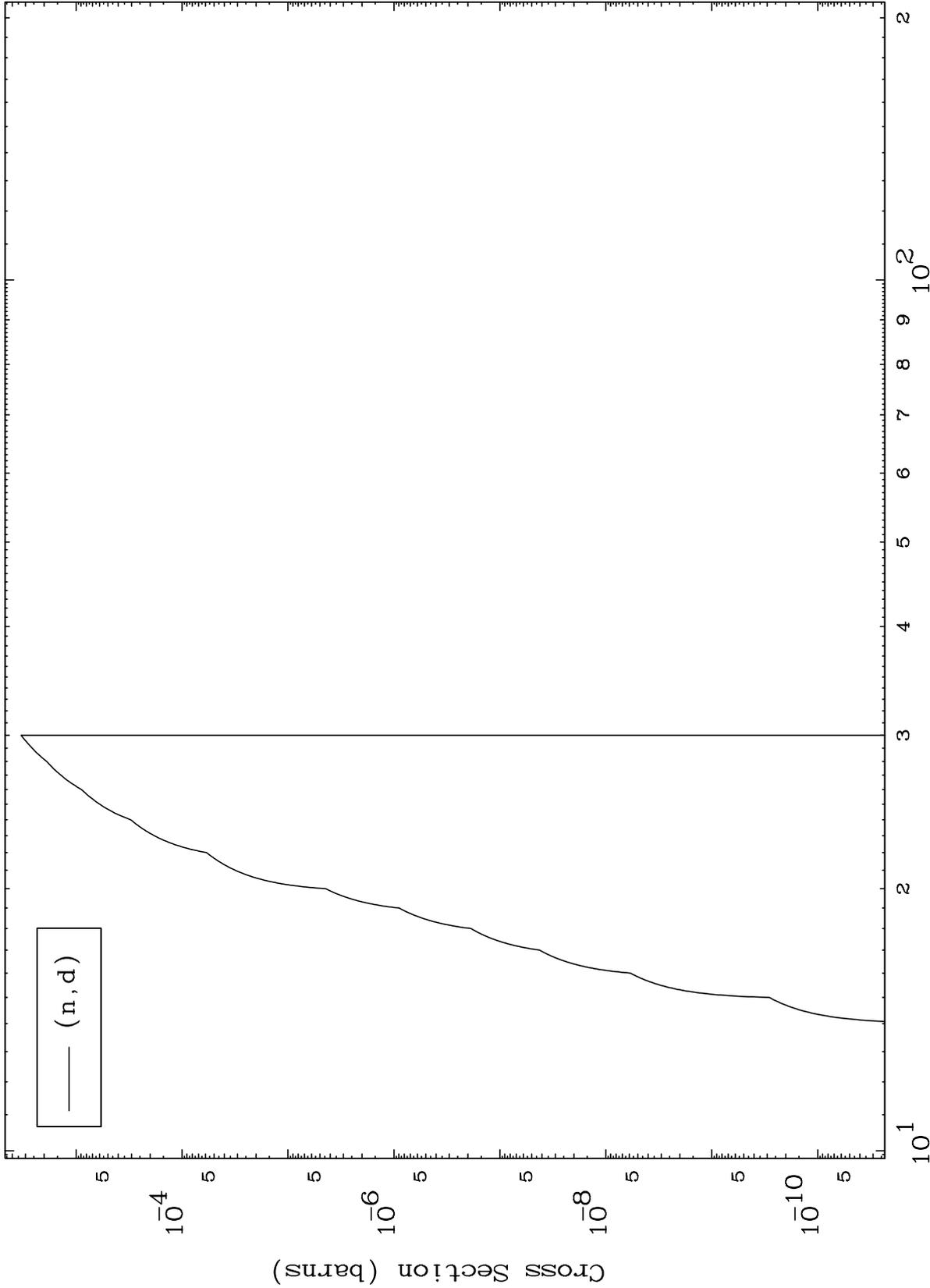
61-Pm-140

MAT 6128

(α, d) Levels

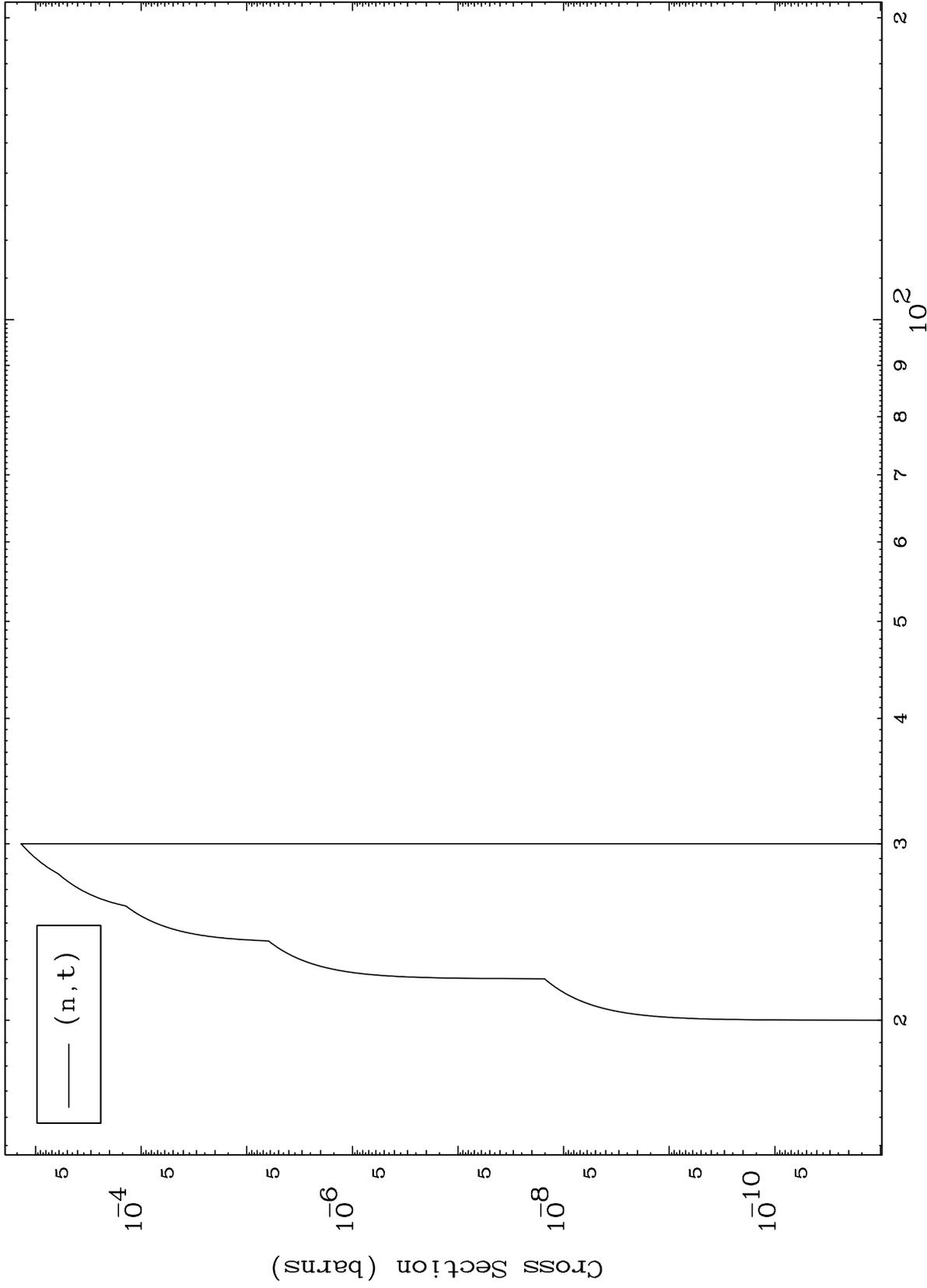
61-Pm-140

0 Kelvin Cross Sections

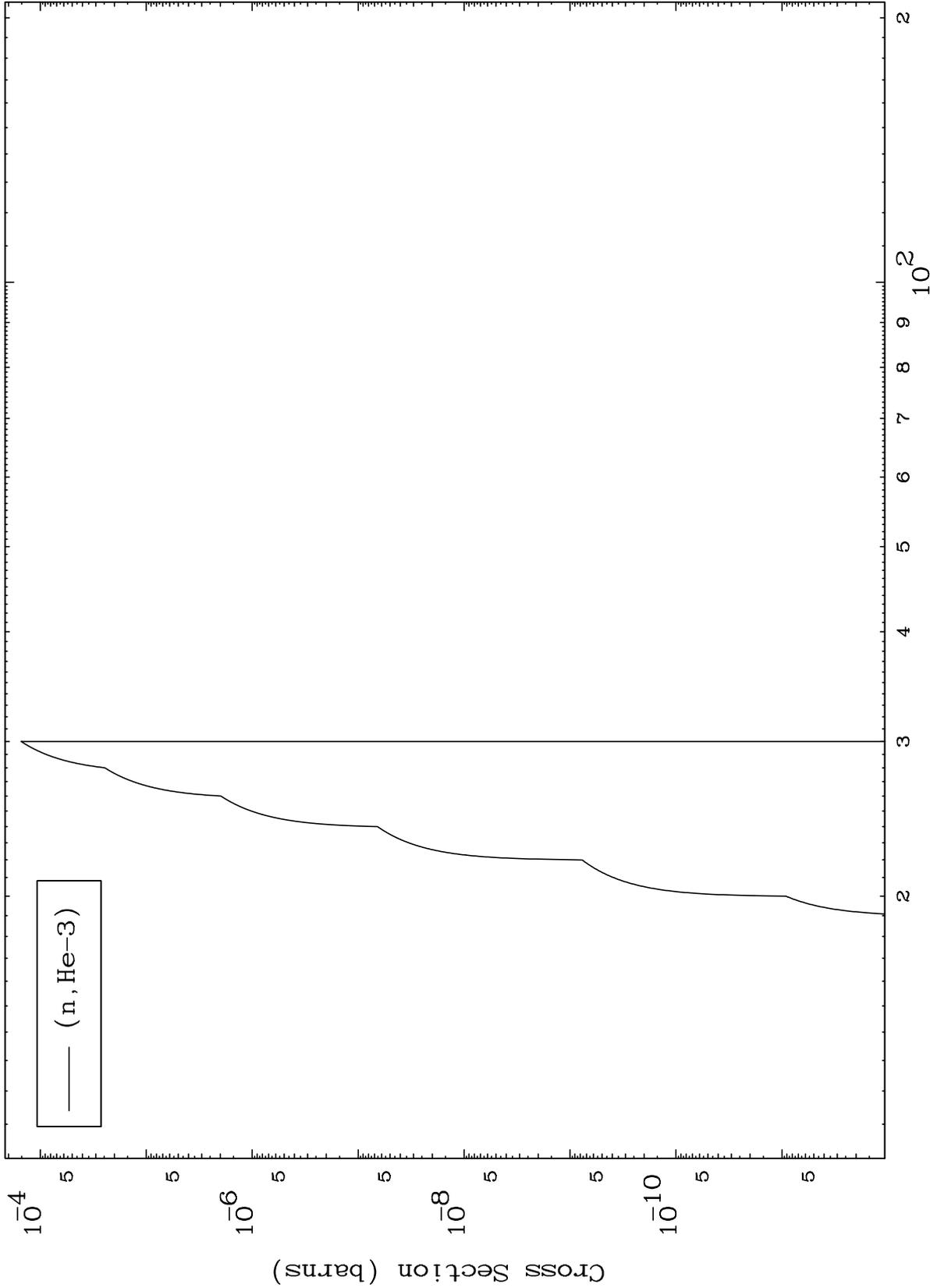


Incident Energy (MeV)

61-Pm-140



($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



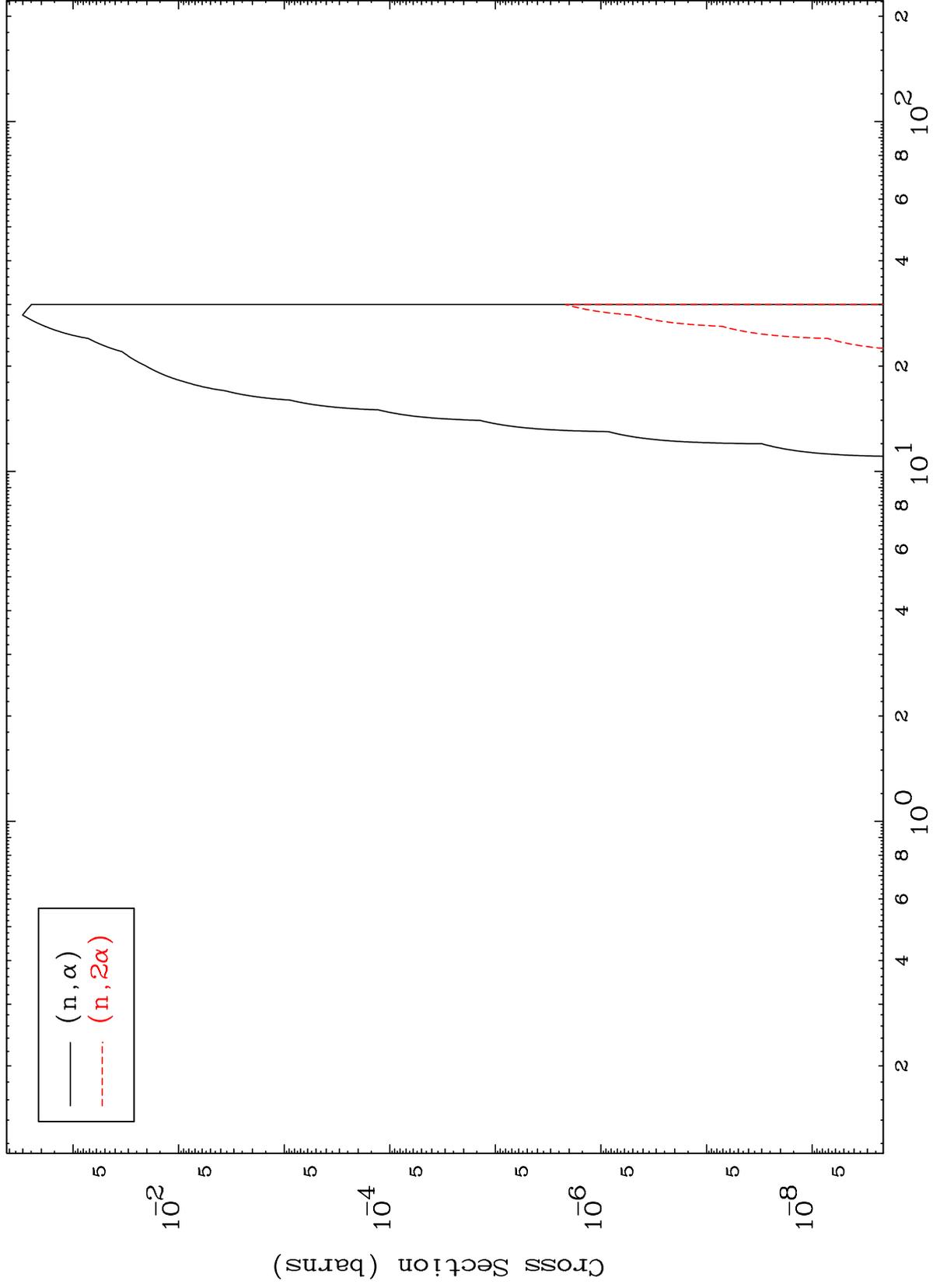
Incident Energy (MeV)

MAT 6128

(α, α) Levels

61-Pm-140

0 Kelvin Cross Sections



10

Incident Energy (MeV)

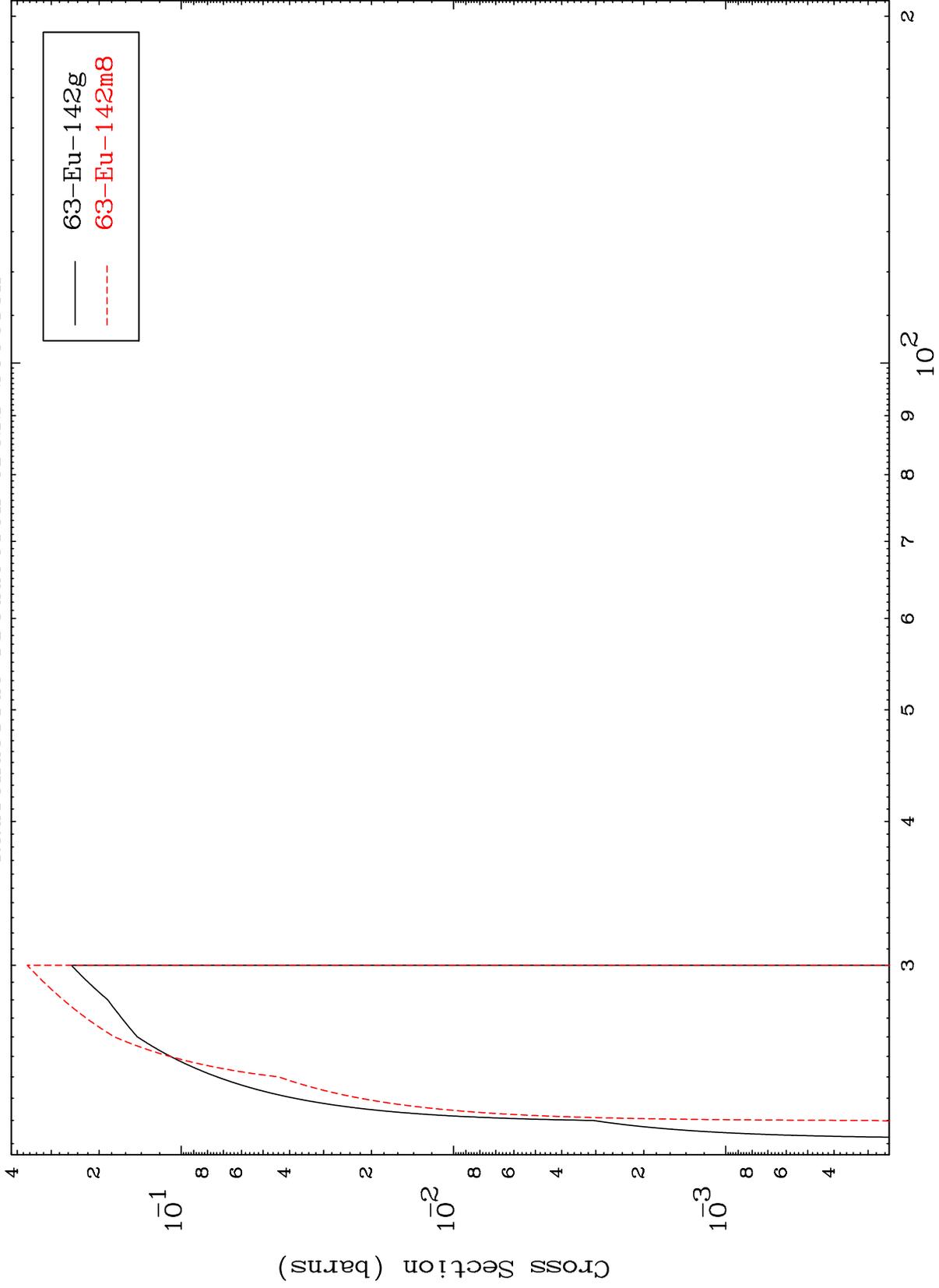
61-Pm-140

MAT 6128

(n,2n)

61-Pm-140

Radionuclide Production Cross Section



11

Incident Energy (MeV)

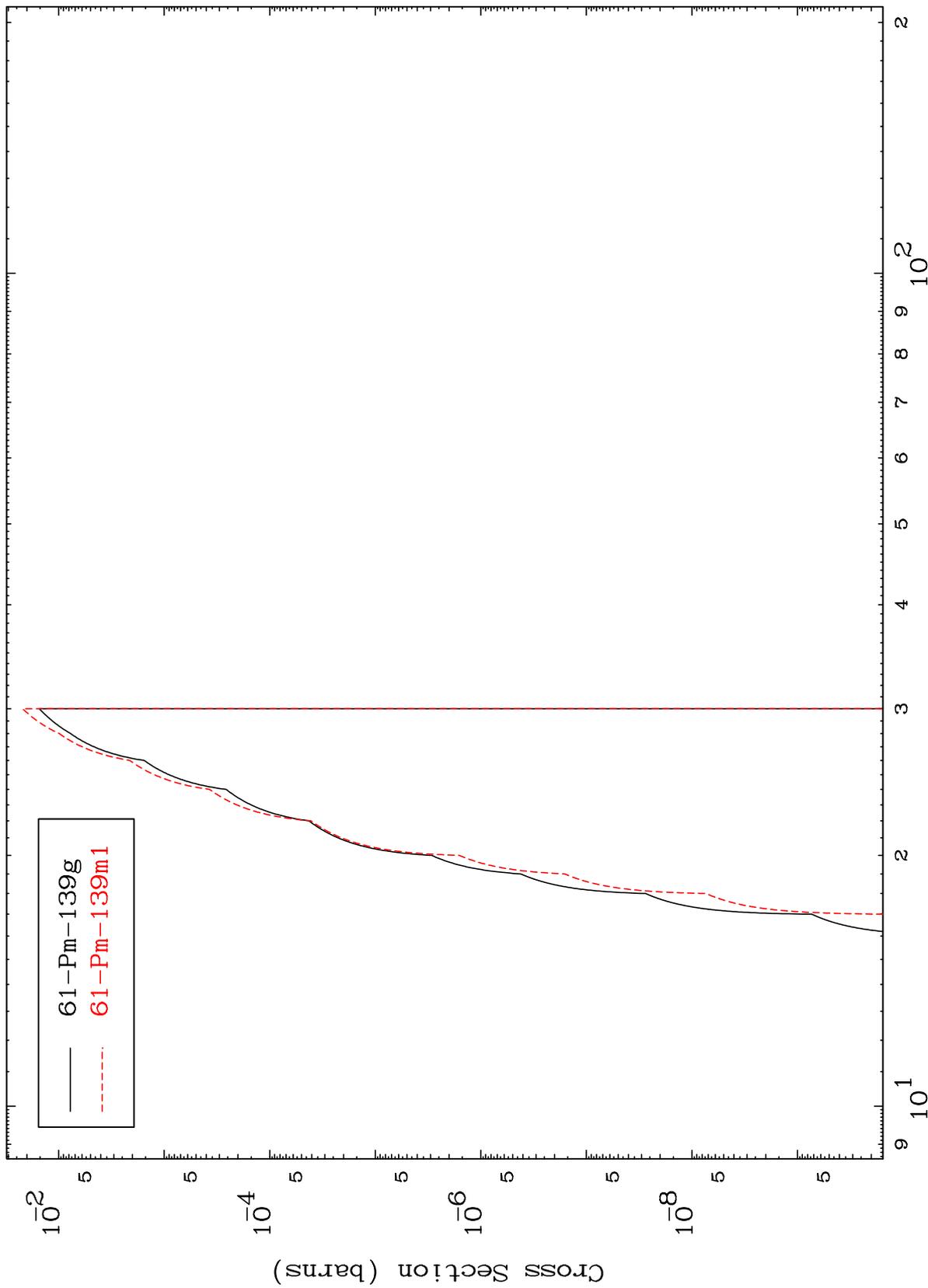
61-Pm-140

MAT 6128

$(n, n') \alpha$

61-Pm-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

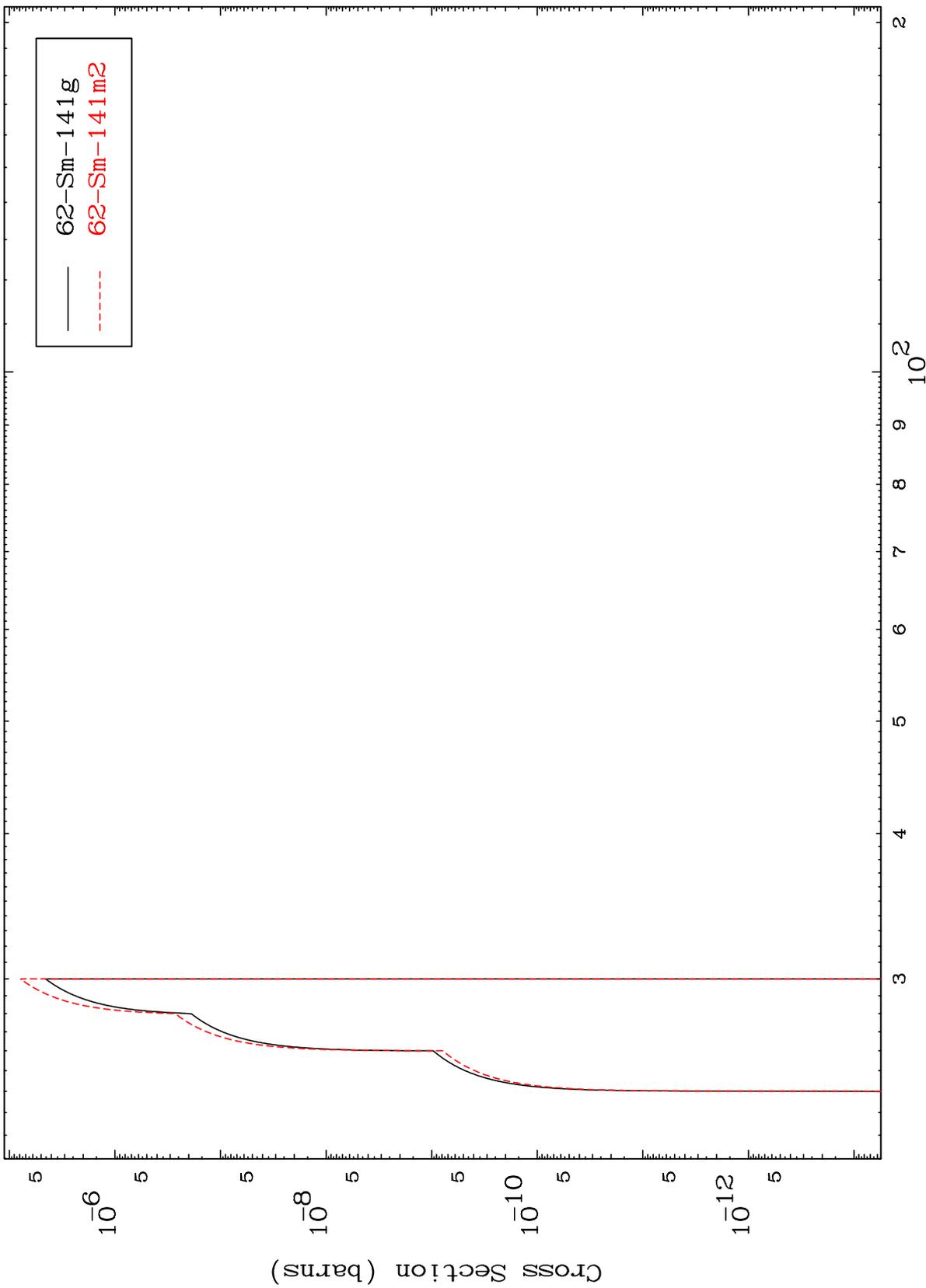
61-Pm-140

MAT 6128

(n,n') d

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

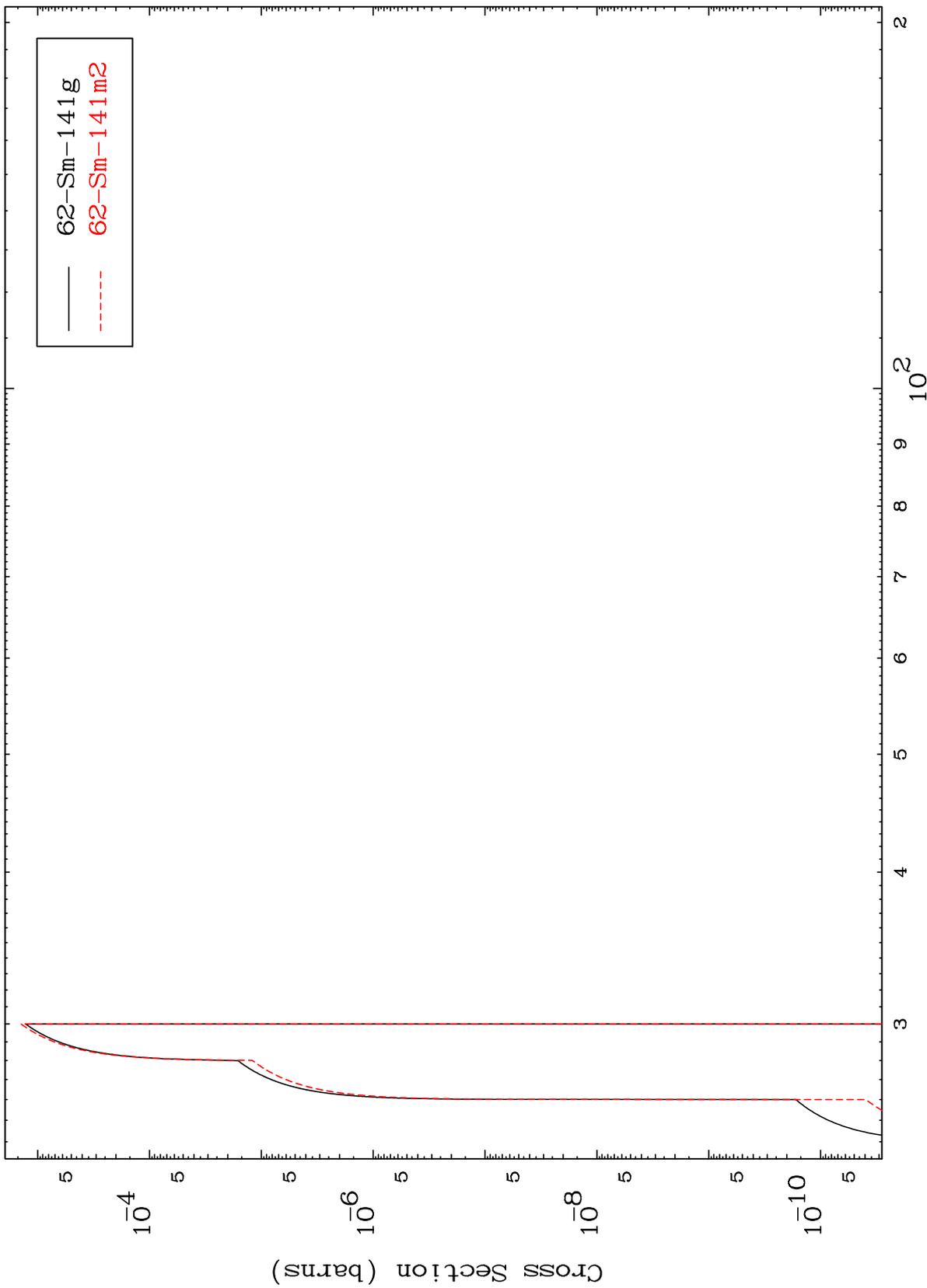
61-Pm-140

MAT 6128

(n,2n) p

61-Pm-140

Radionuclide Production Cross Section



14

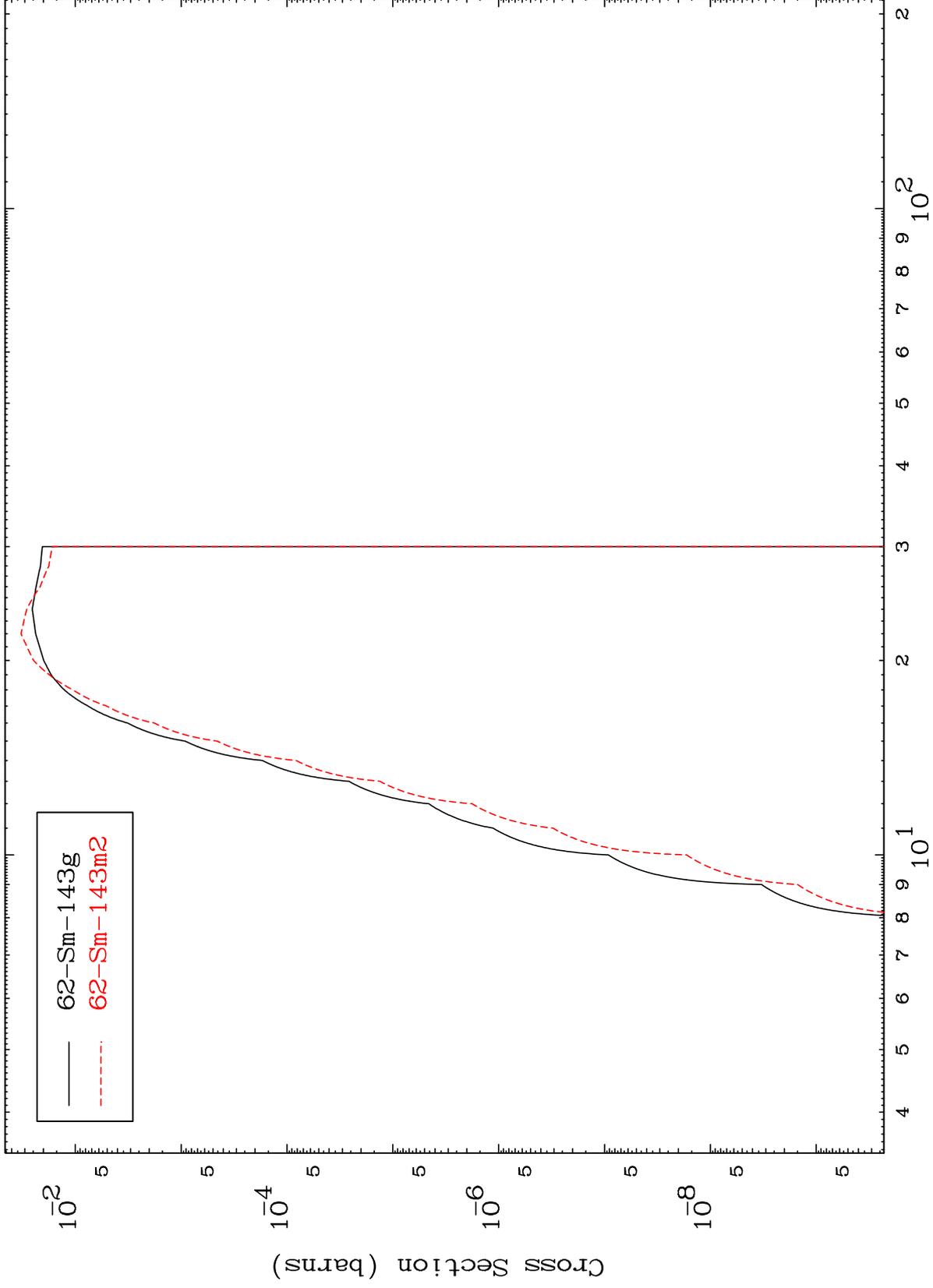
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

(n,p)
Radionuclide Production Cross Section



15

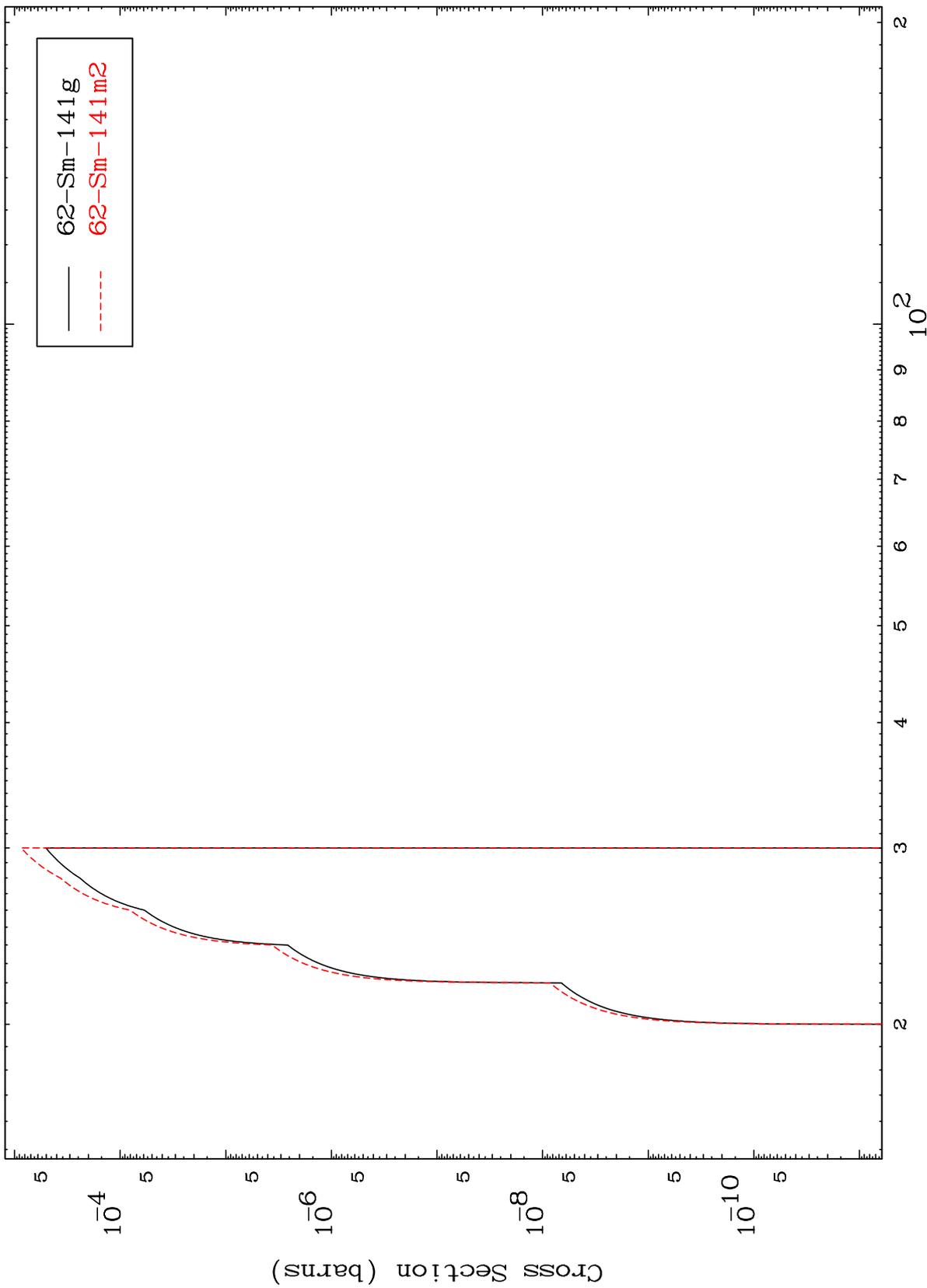
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

(n, t)
Radionuclide Production Cross Section



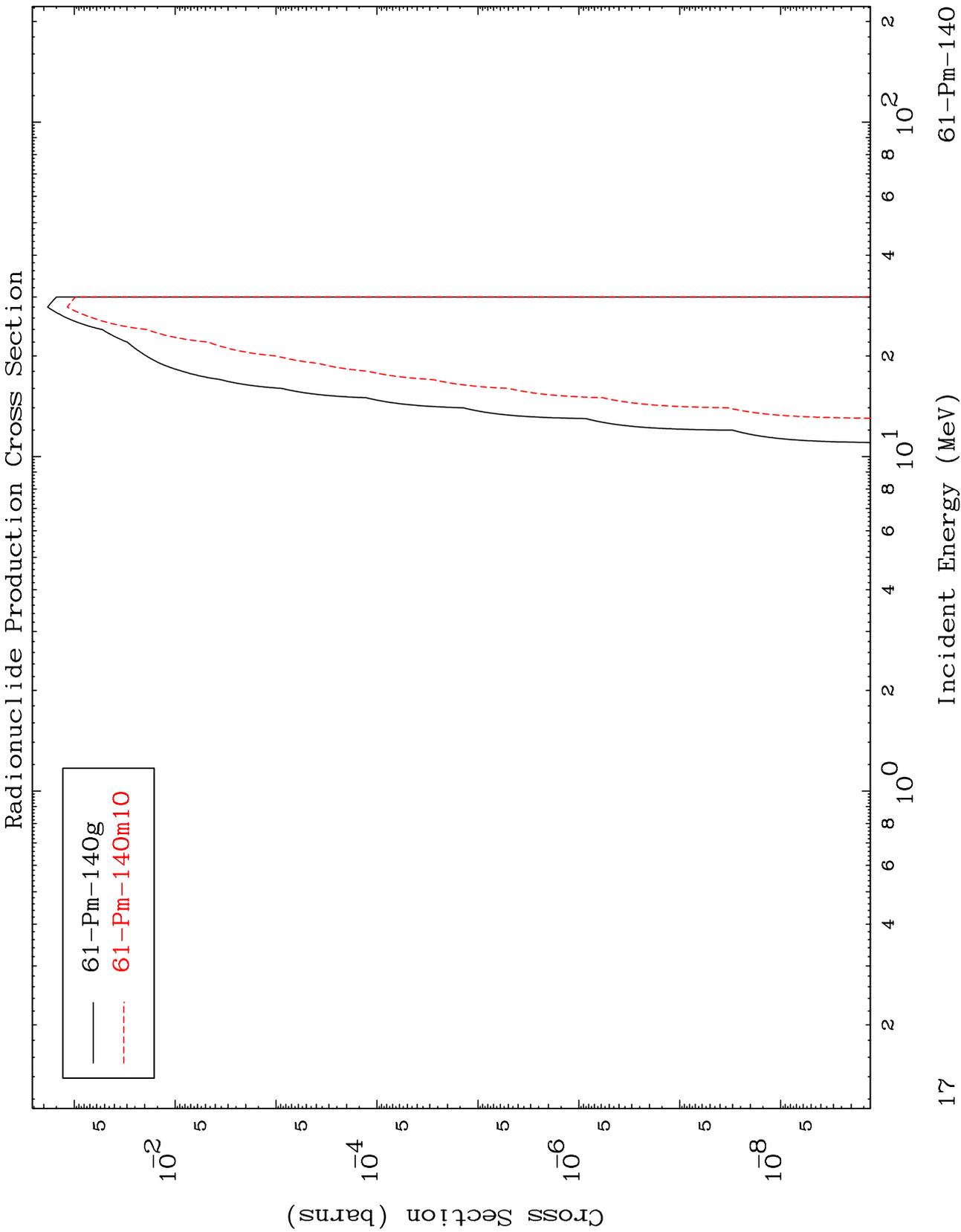
16

61-Pm-140

Incident Energy (MeV)

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61-Pm-140

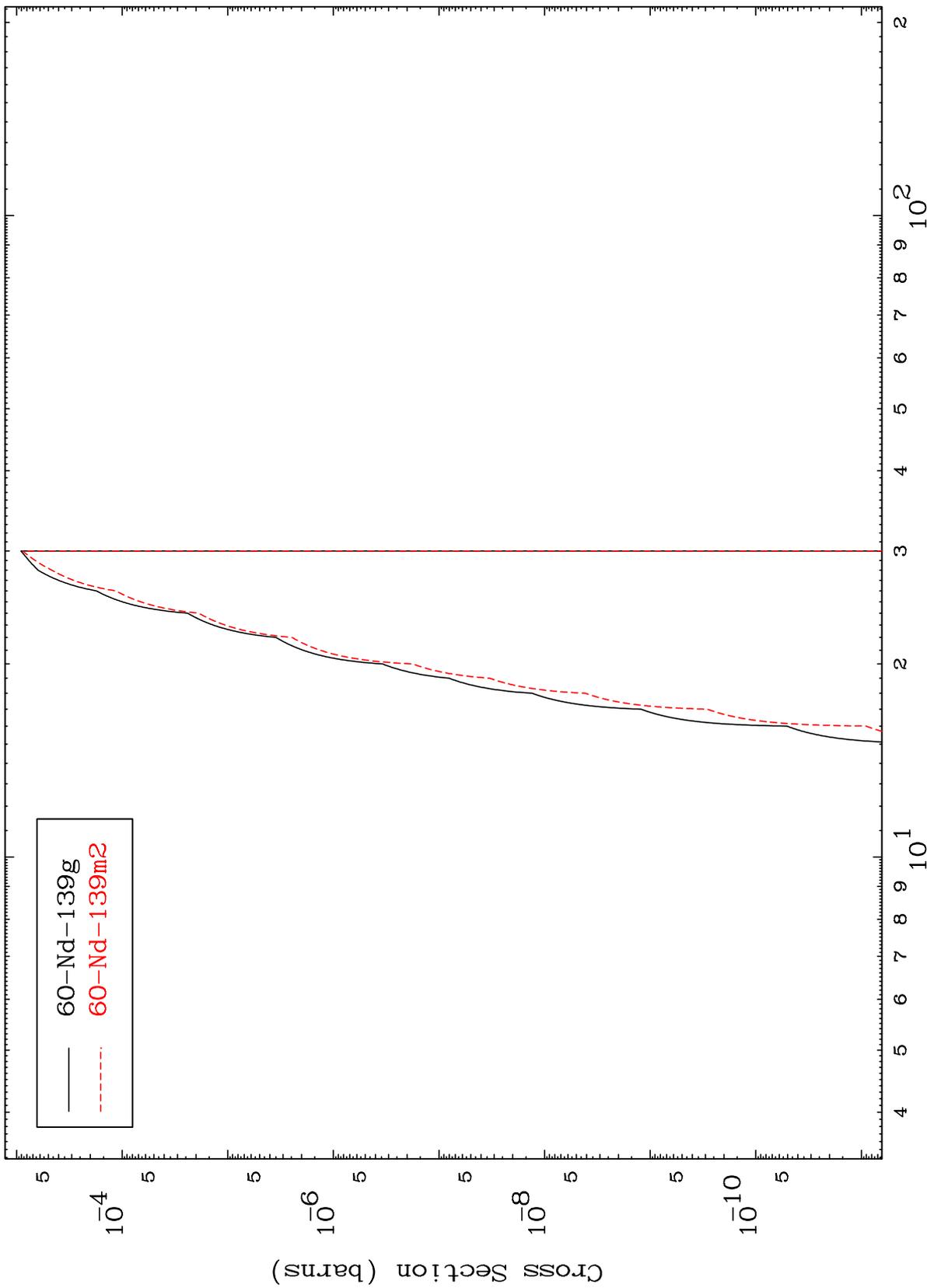


MAT 6128

(n,p) α

61-Pm-140

Radionuclide Production Cross Section



18

Incident Energy (MeV)

61-Pm-140