

Program EVALPLOT  
(Version 2021-1)

by

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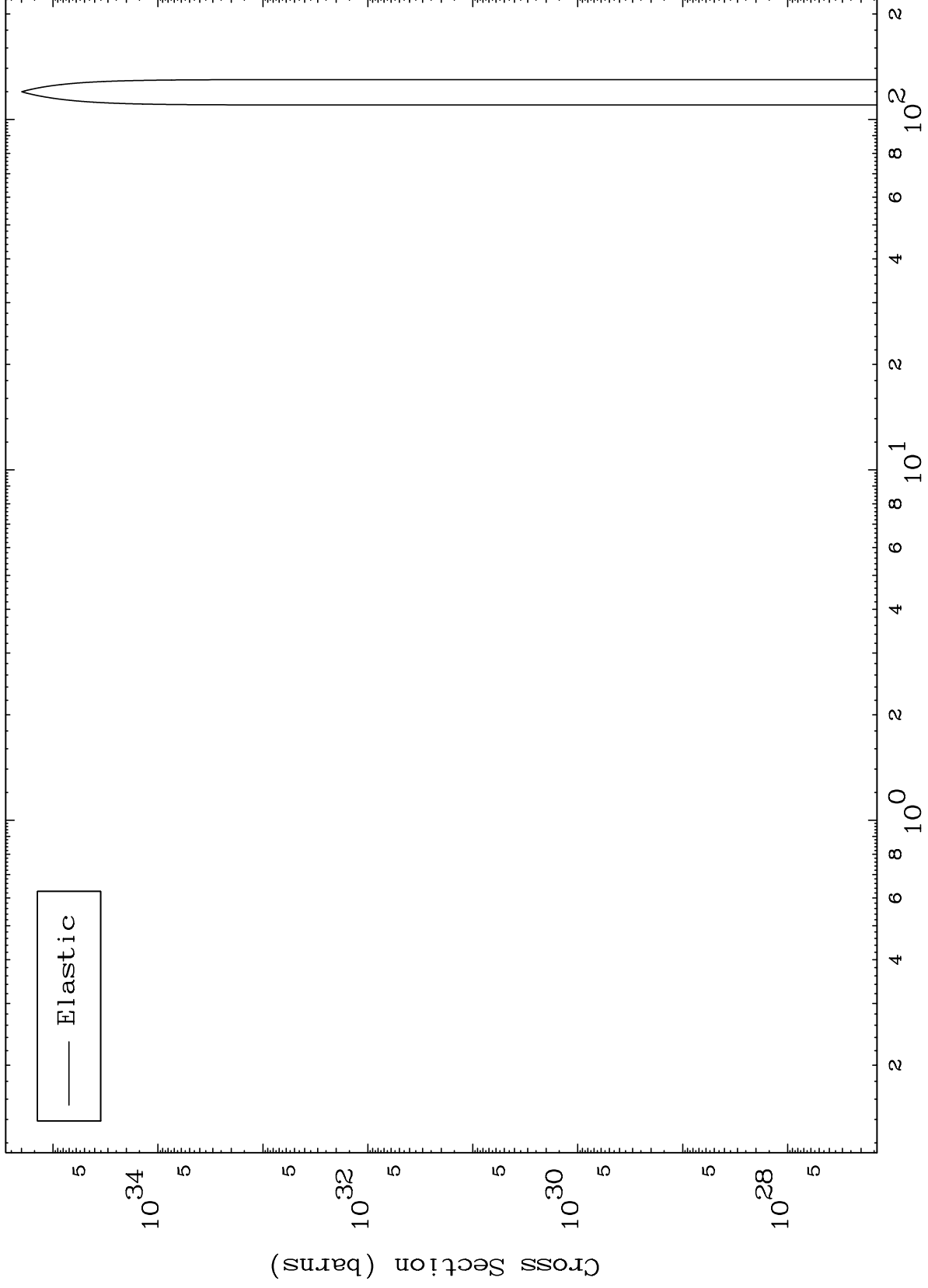
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6119

Deuteron Major  
0 Kelvin Cross Sections

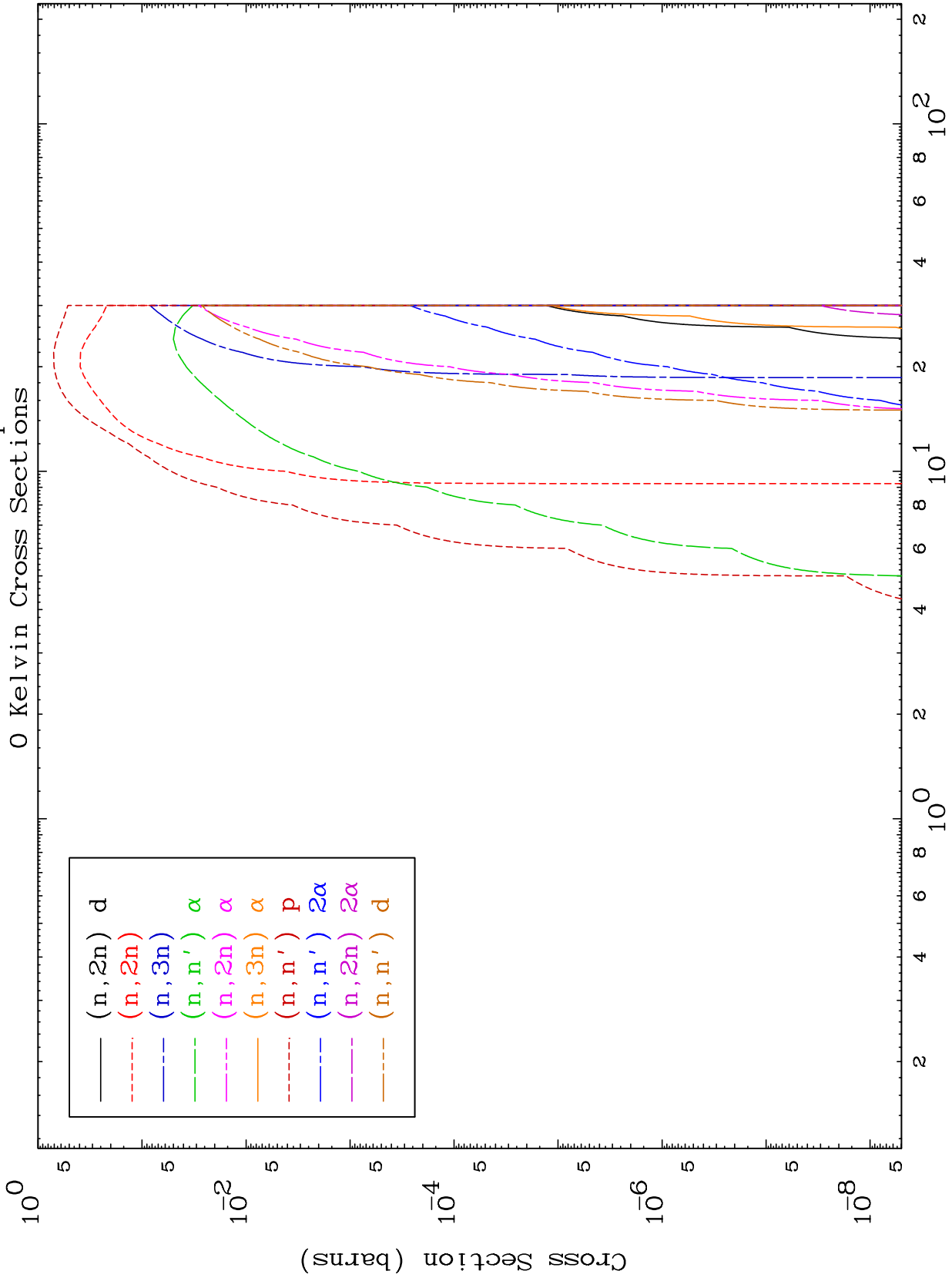
61-Pm-137

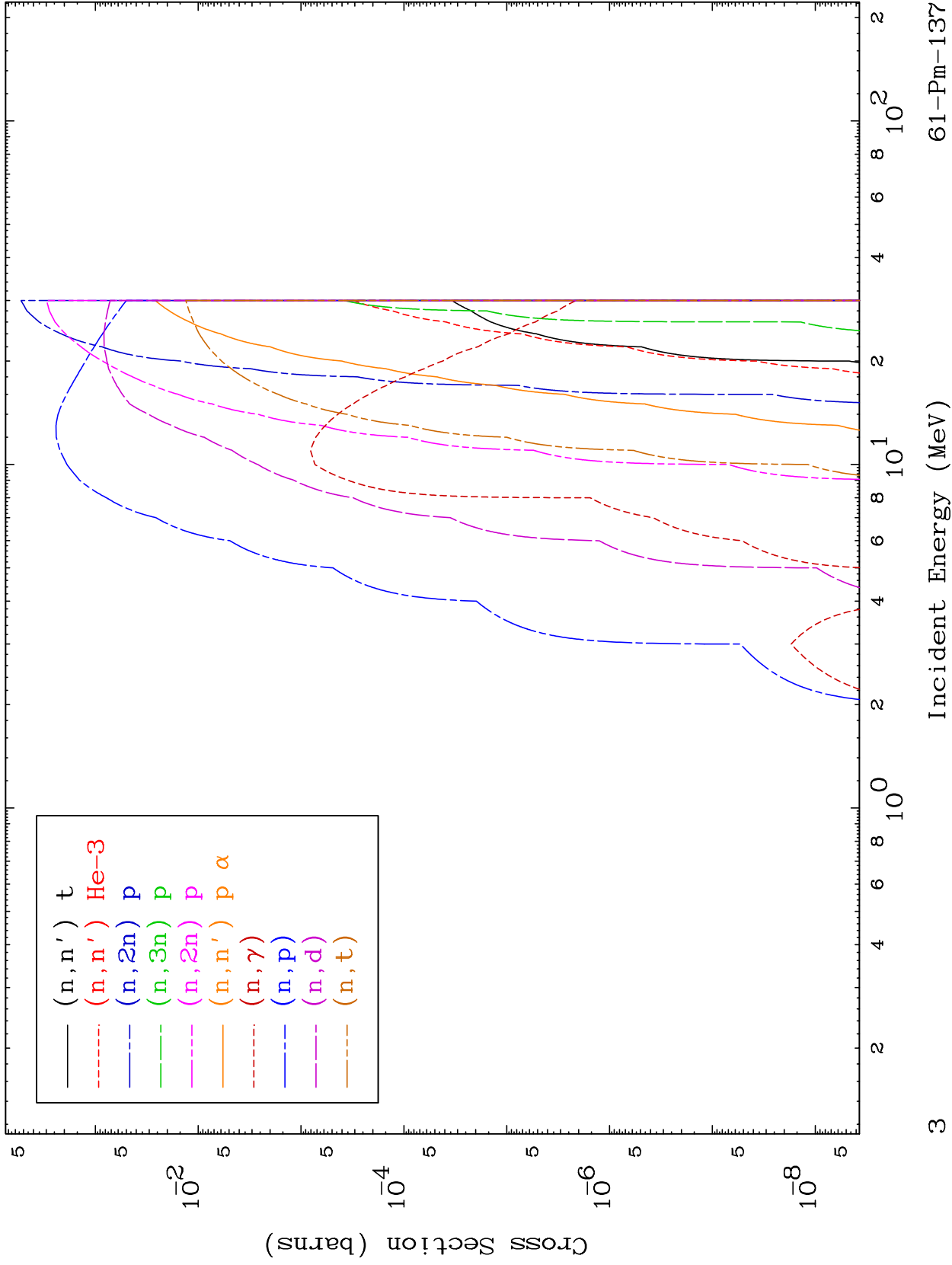


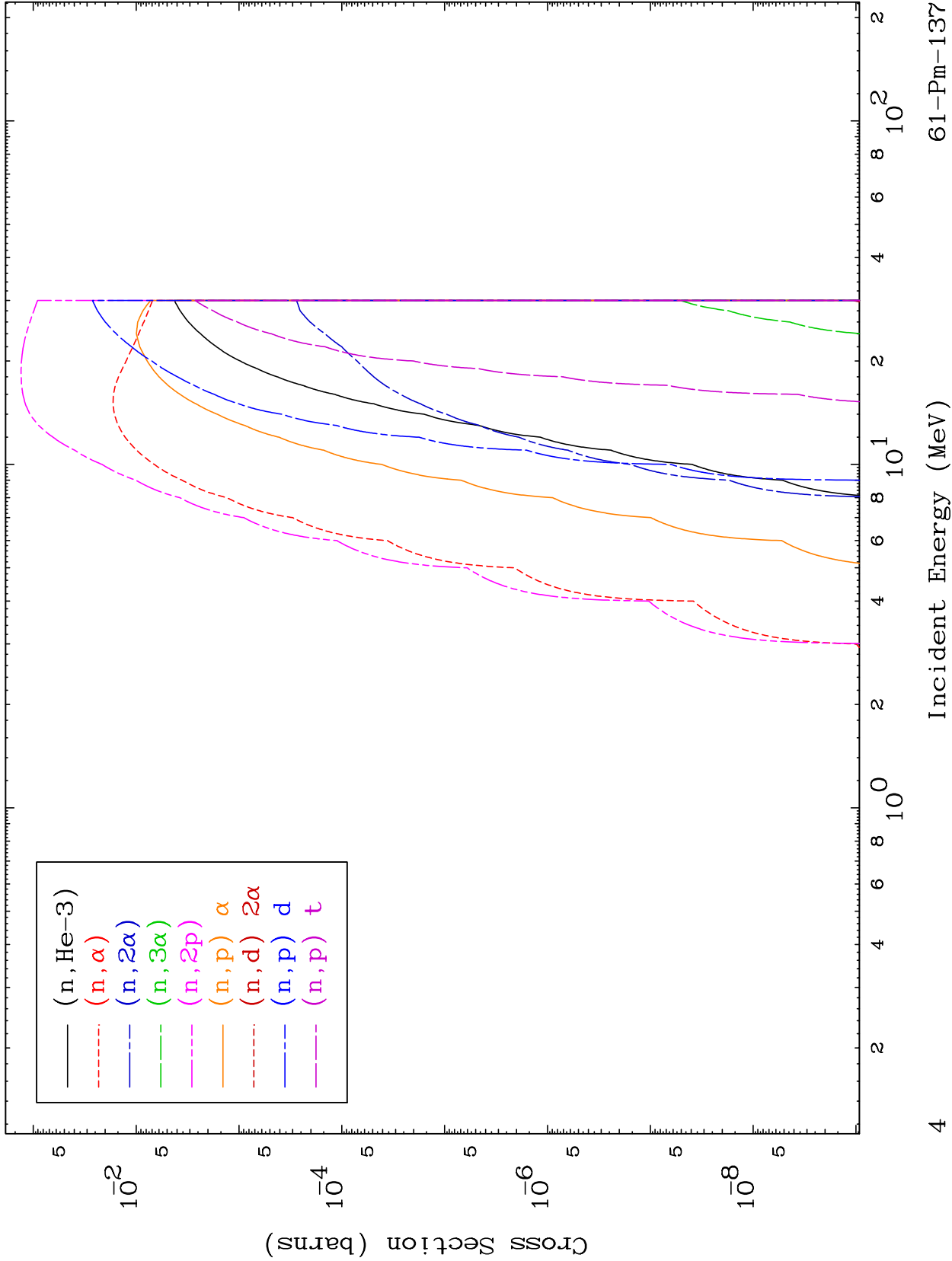
MAT 6119

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-137



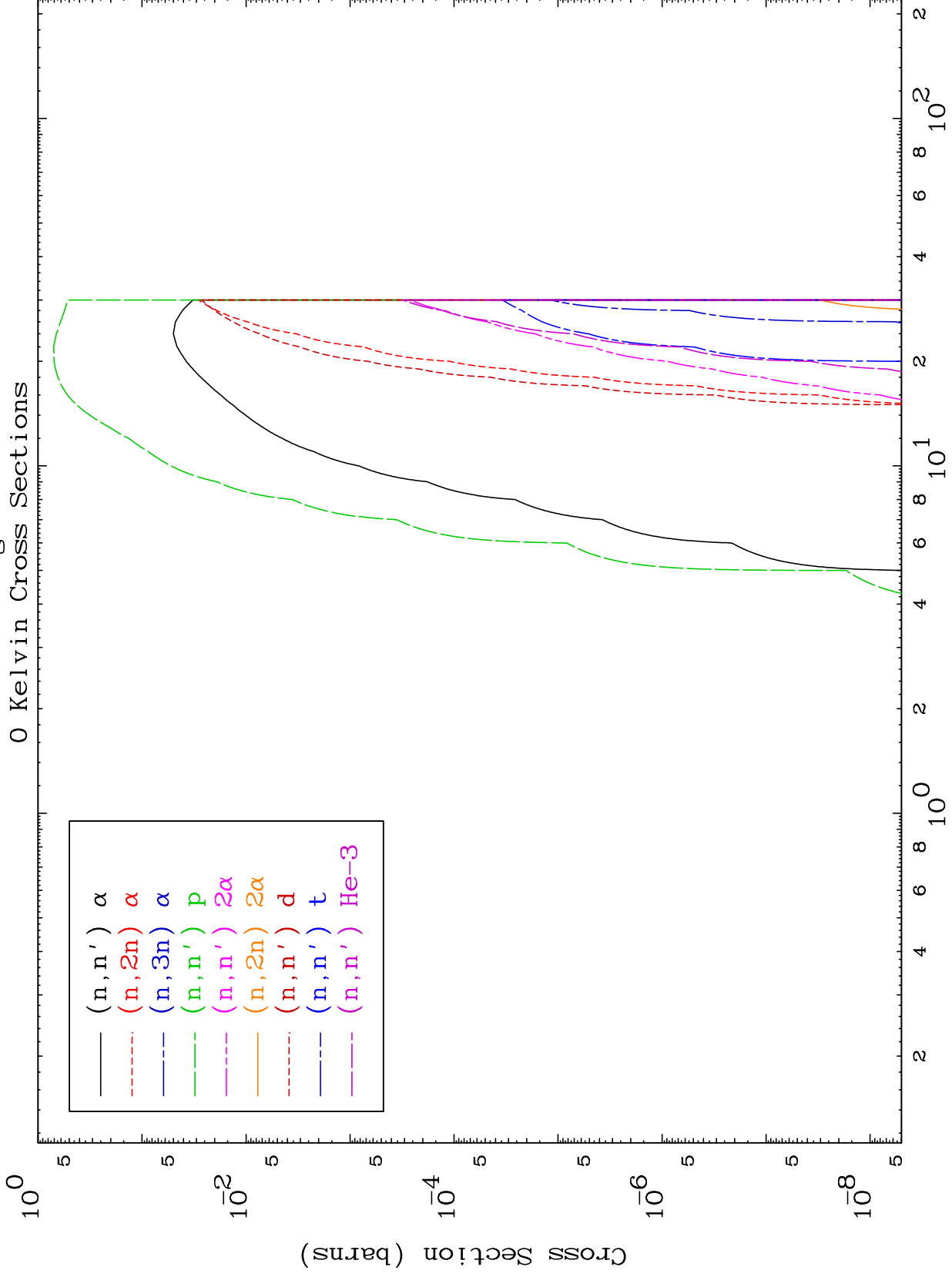


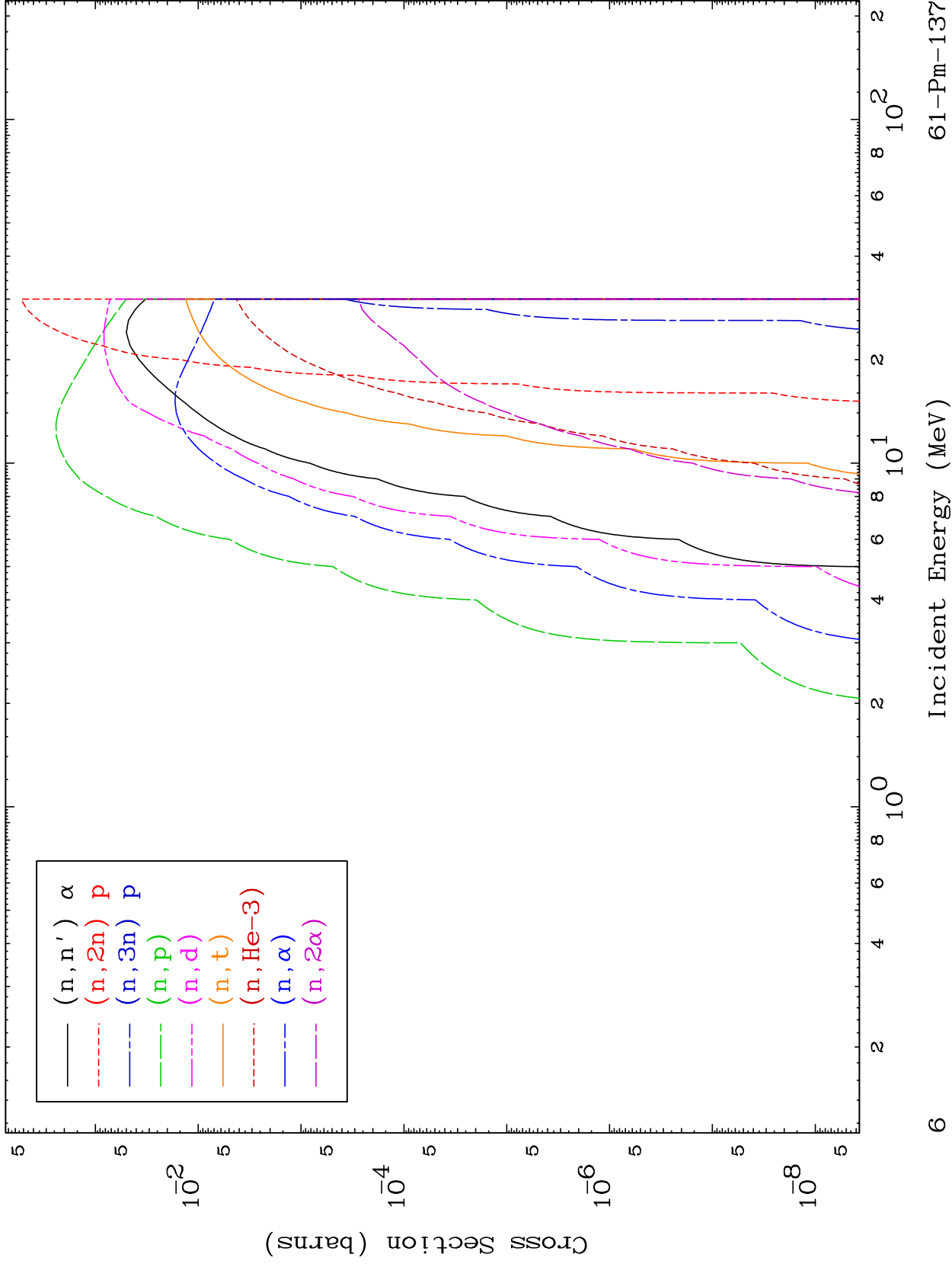


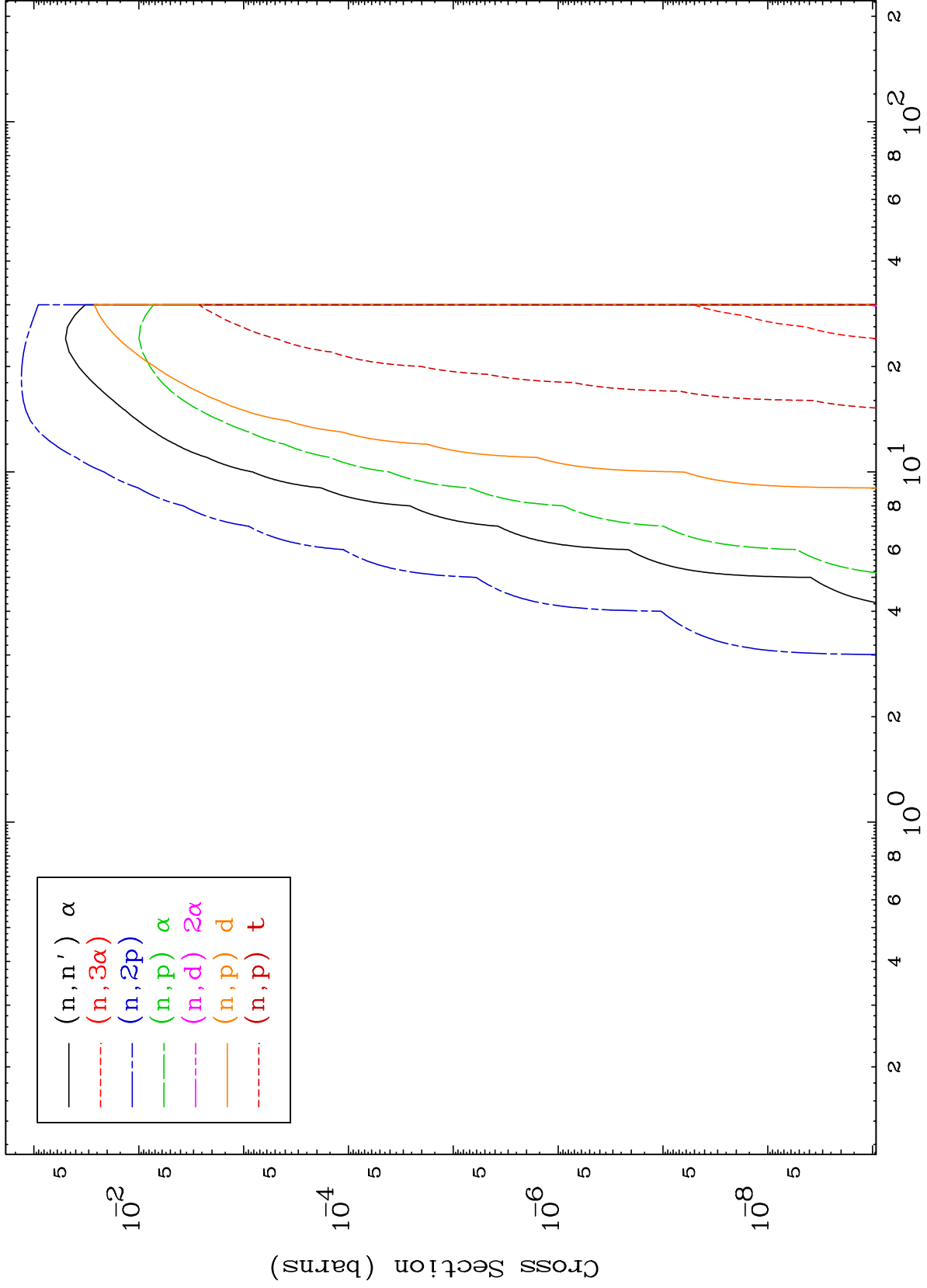
MAT 6119

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-137







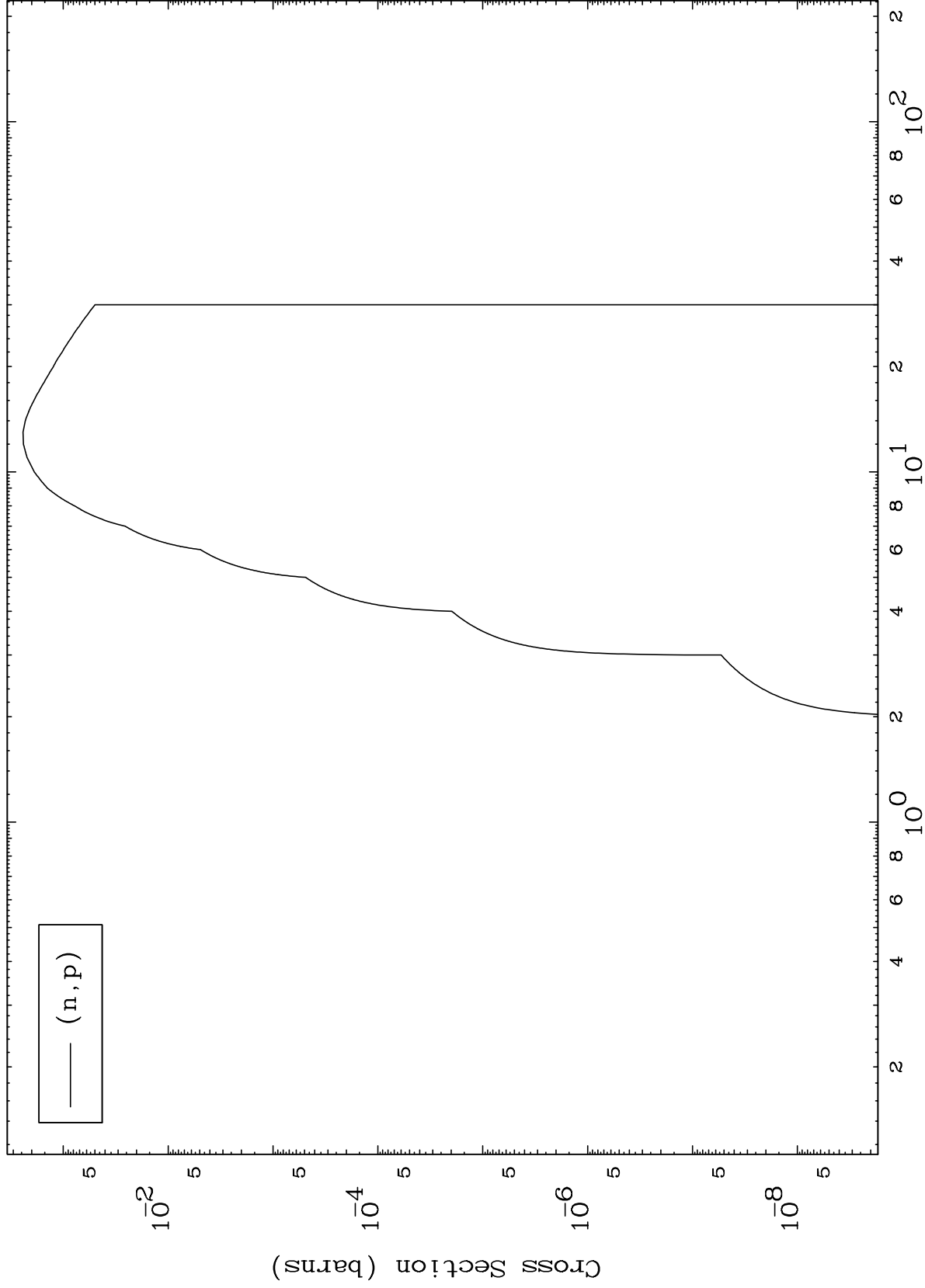


MAT 6119

(d,p) Levels

61-Pm-137

0 Kelvin Cross Sections

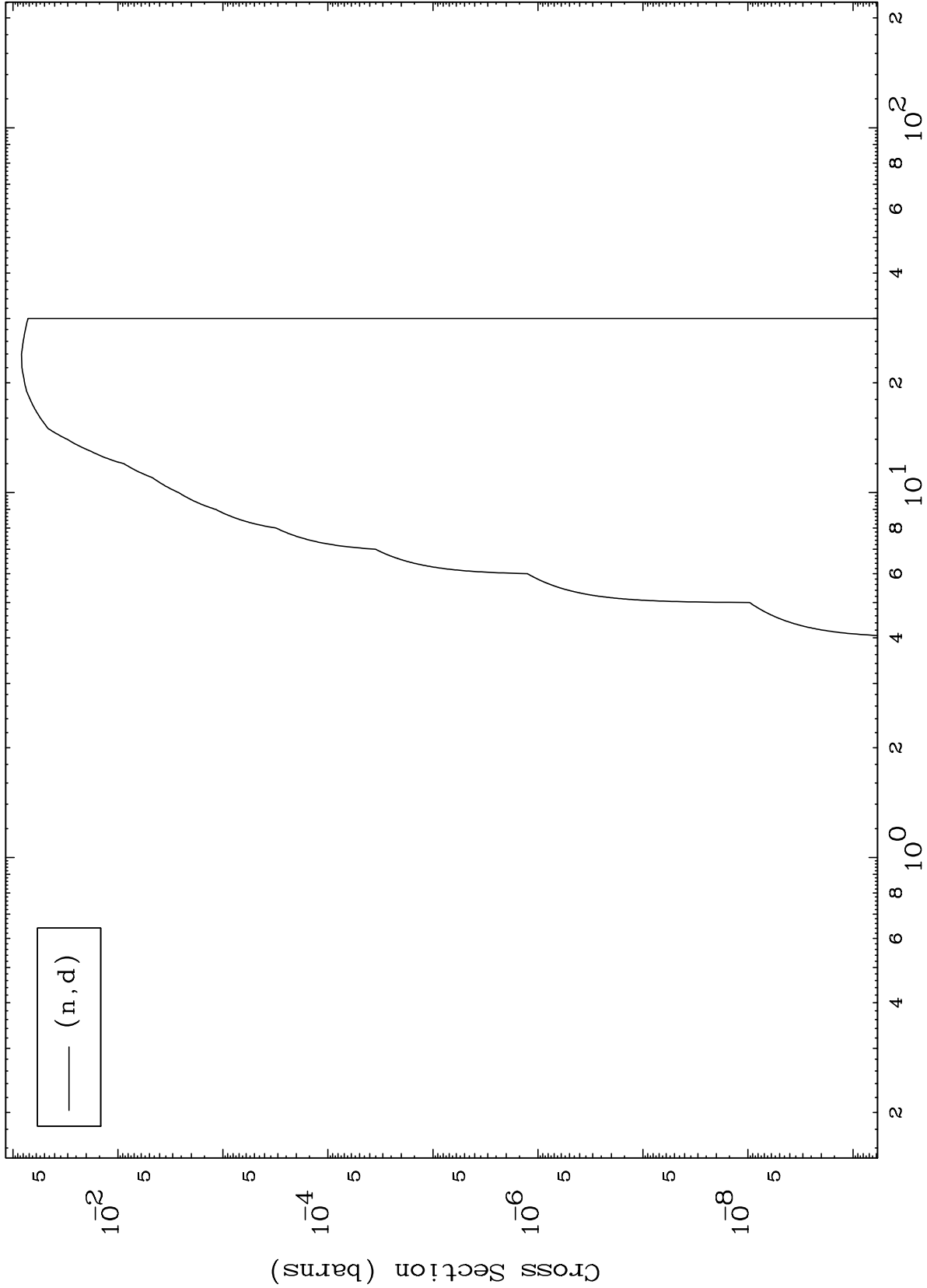


MAT 6119

(d,d) Levels

61-Pm-137

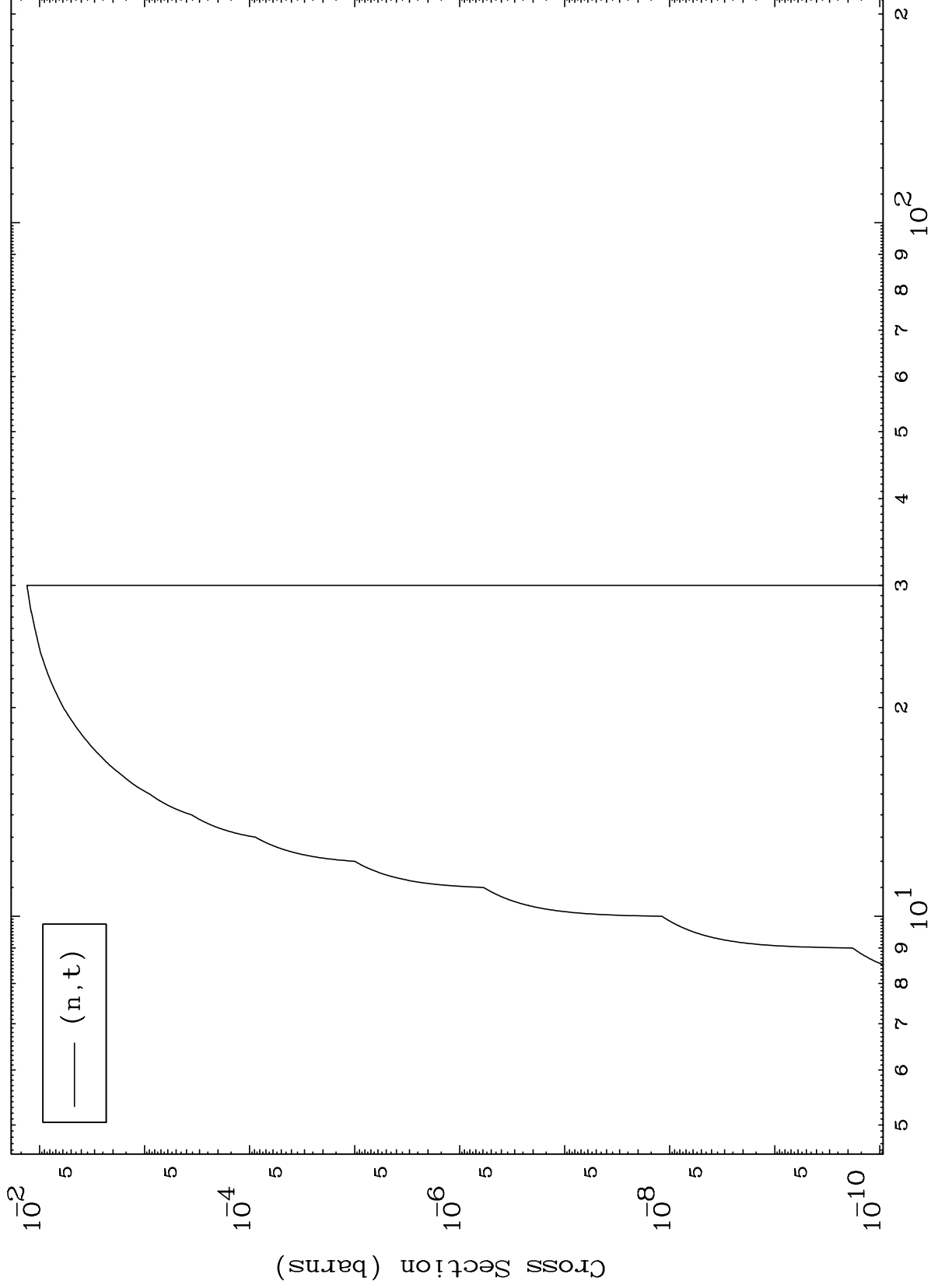
0 Kelvin Cross Sections



MAT 6119

(d,t) Levels  
0 Kelvin Cross Sections

61-Pm-137



10

Incident Energy (MeV)

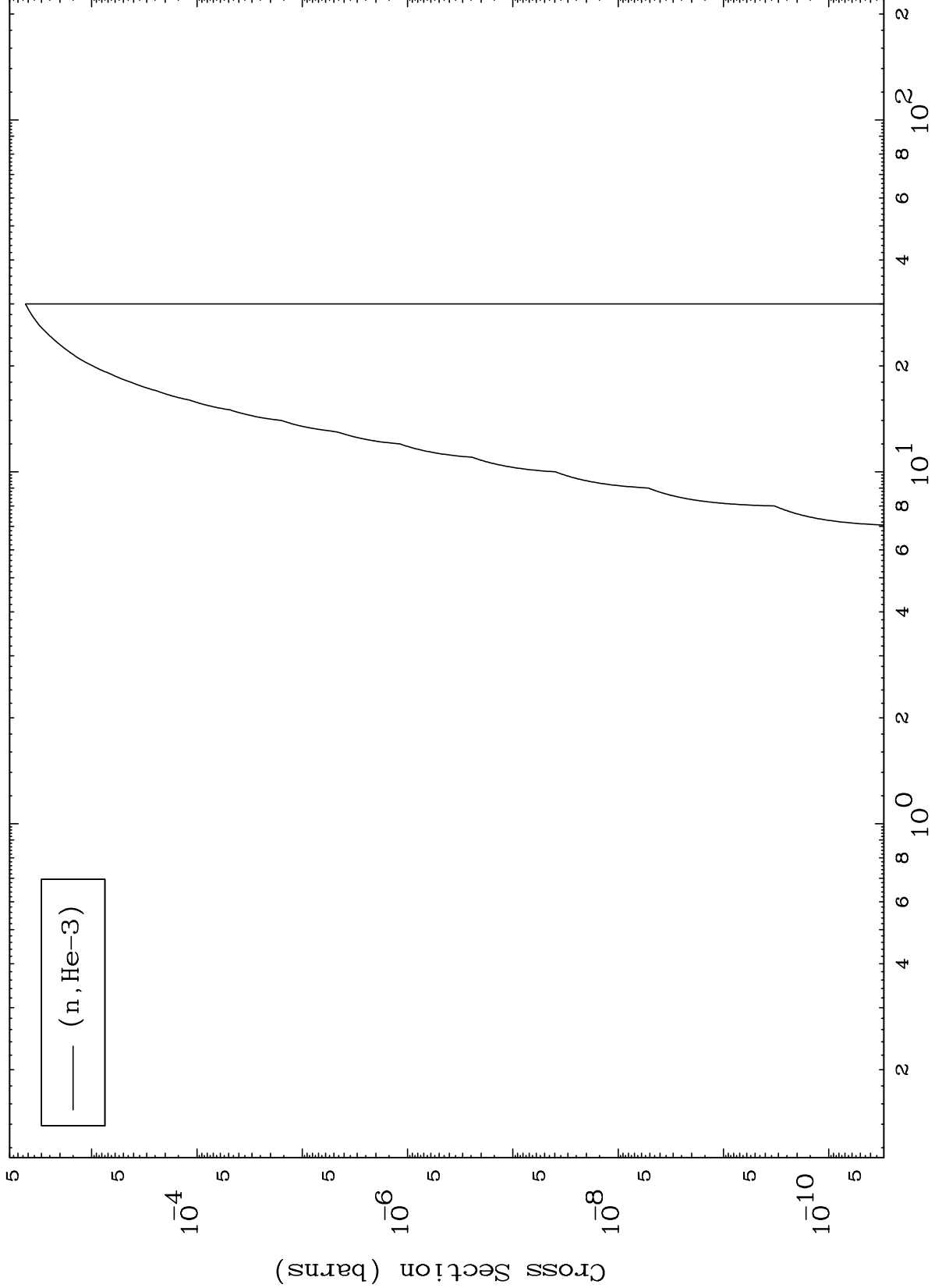
61-Pm-137

MAT 6119

(d,He3) Levels

61-Pm-137

0 Kelvin Cross Sections

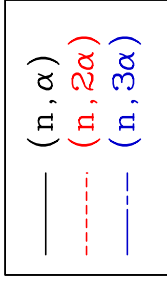
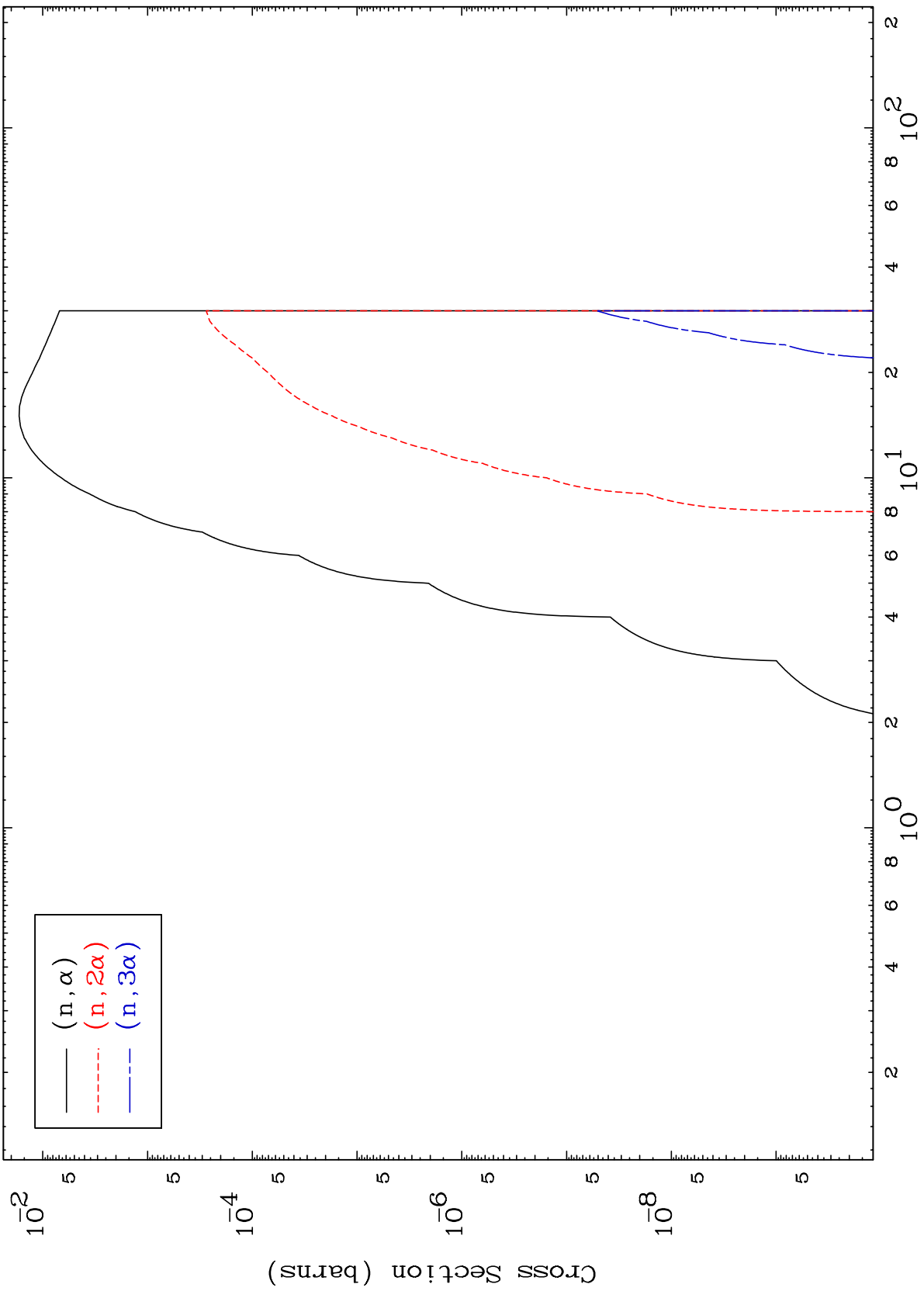


MAT 6119

(d,  $\alpha$ ) Levels

61-Pm-137

0 Kelvin Cross Sections

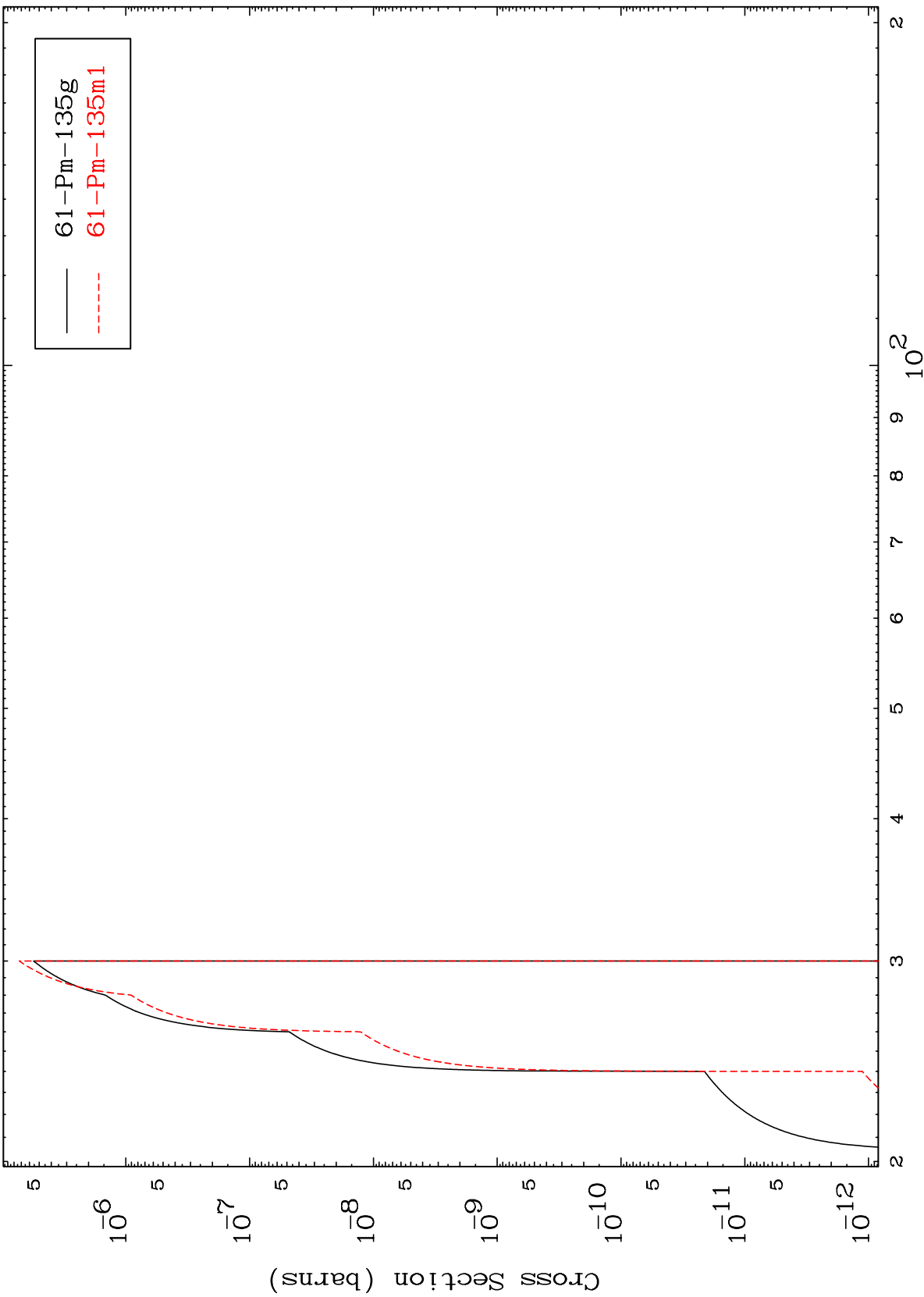


MAT 6119

(n,2n) d

61-Pm-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

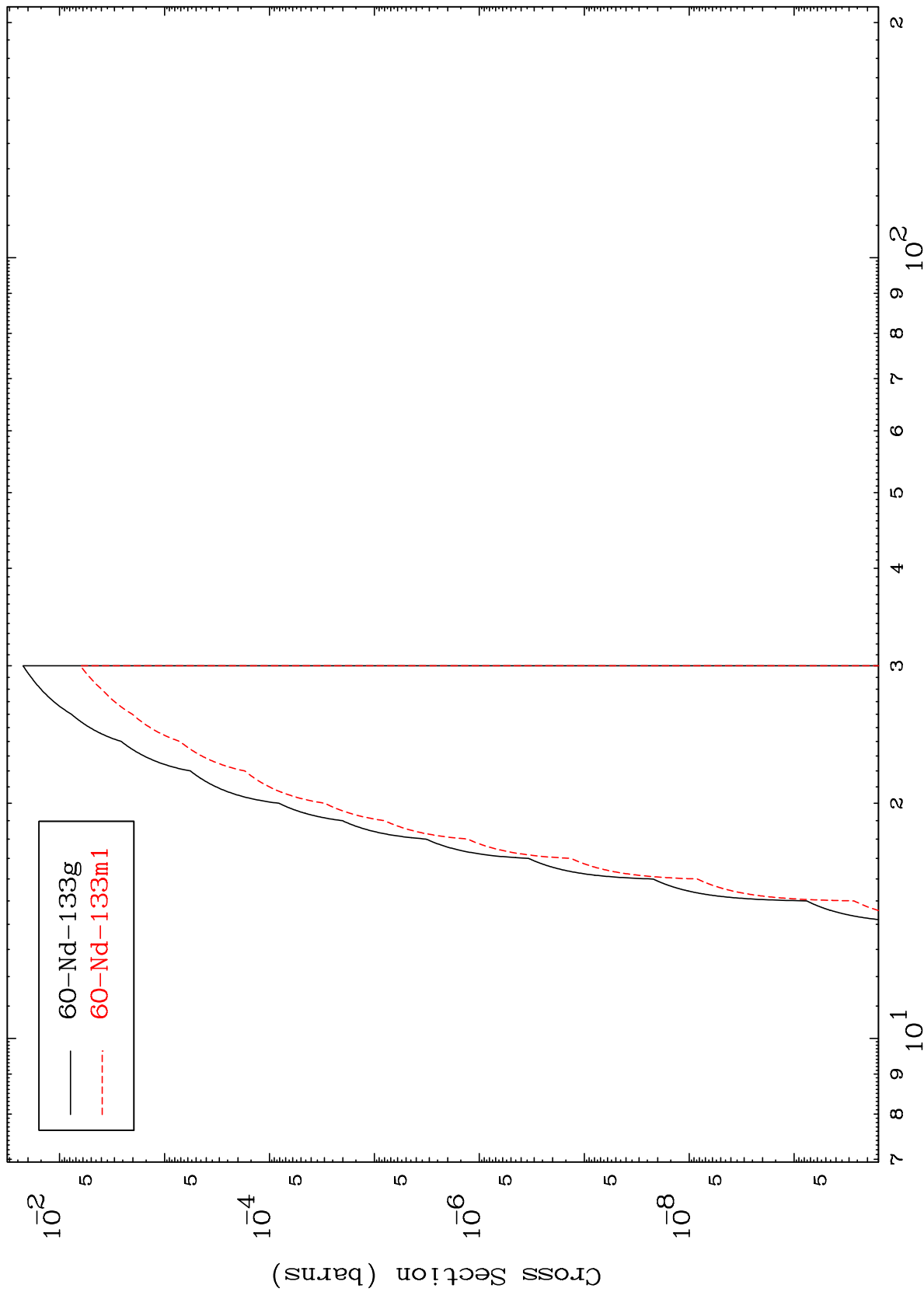
61-Pm-137

MAT 6119

(n,2n)  $\alpha$

61-Pm-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

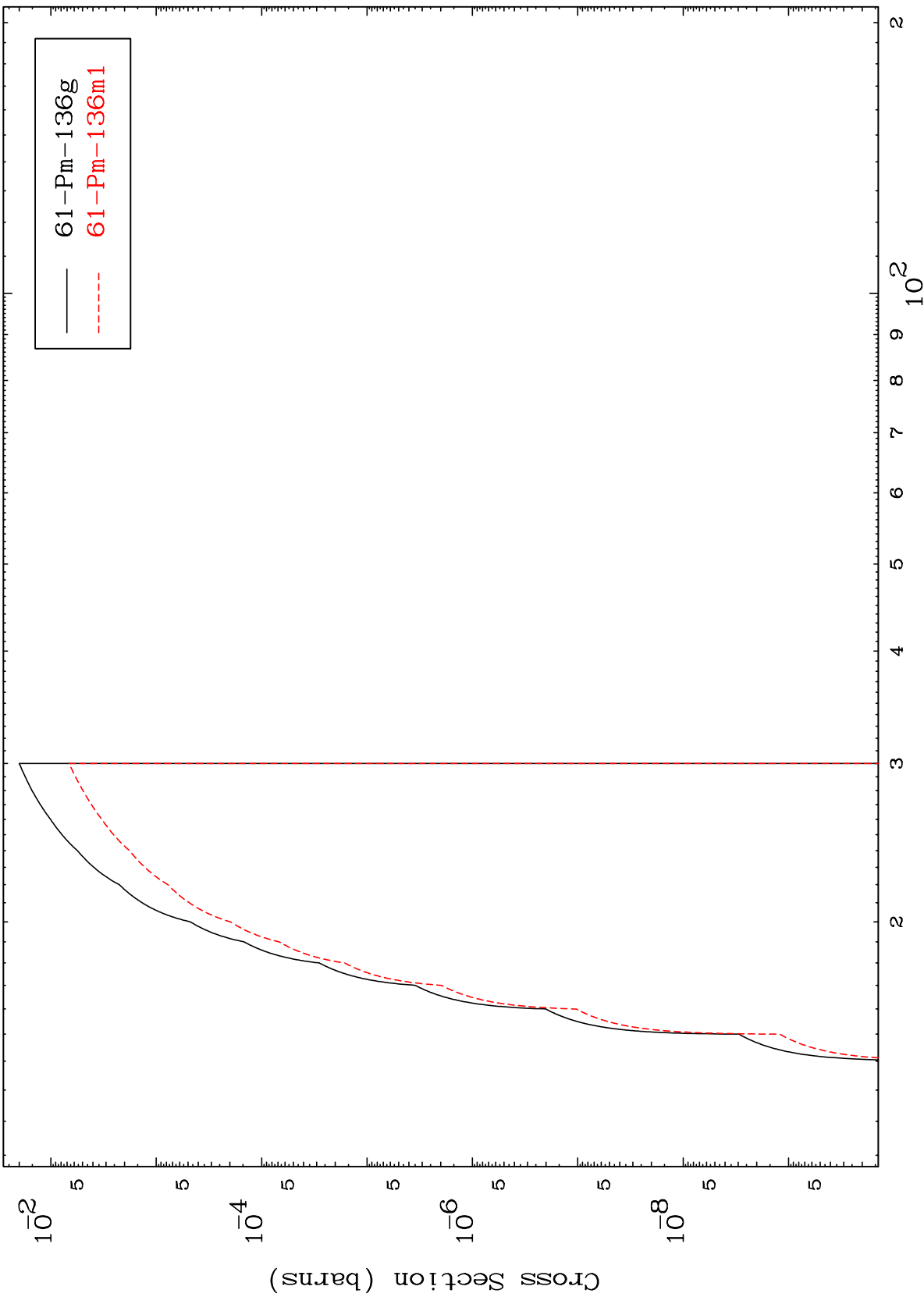
61-Pm-137

MAT 6119

(n,n') d

61-Pm-137

Radionuclide Production Cross Section



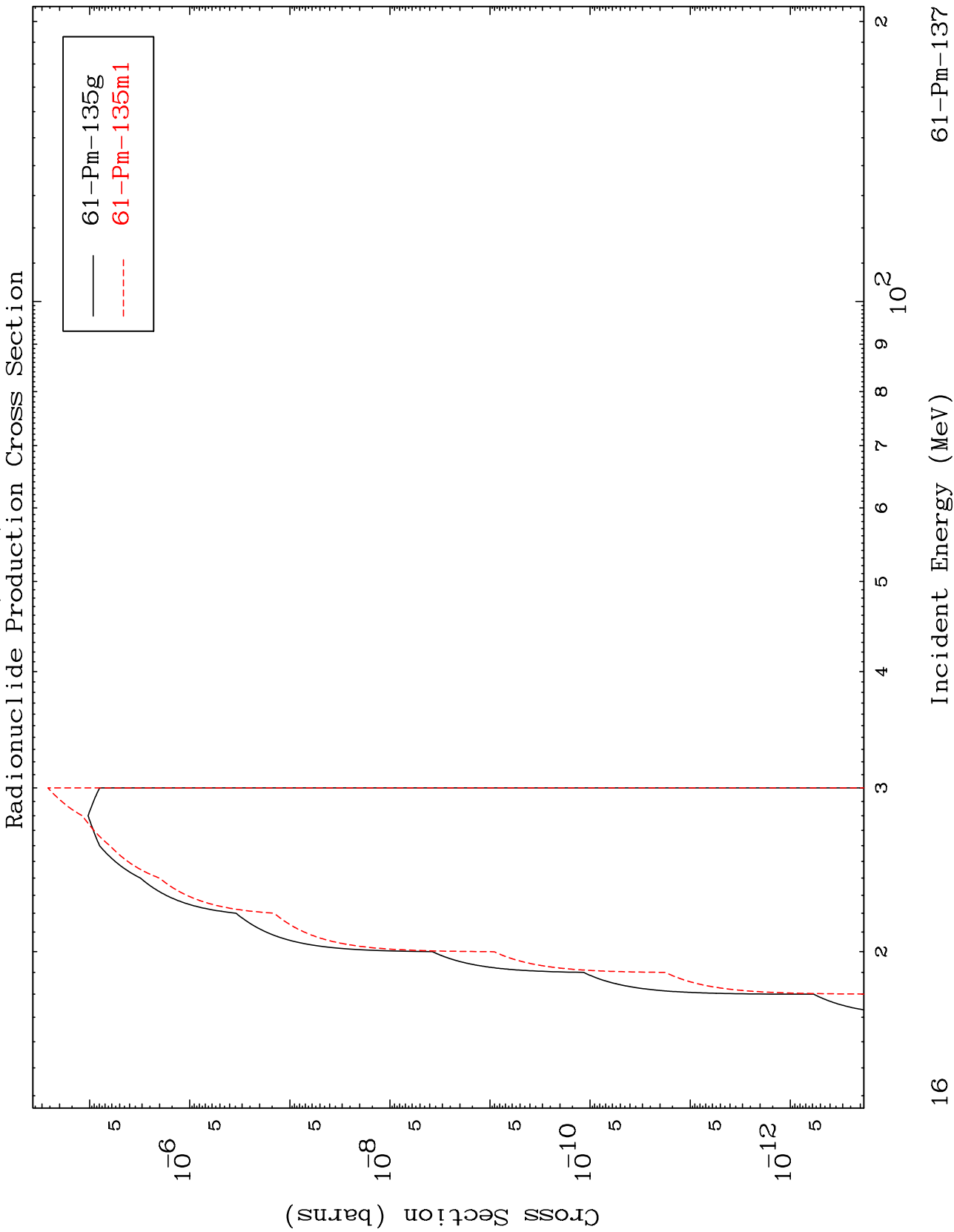
61-Pm-136g  
61-Pm-136m1

15

Incident Energy (MeV)

61-Pm-137



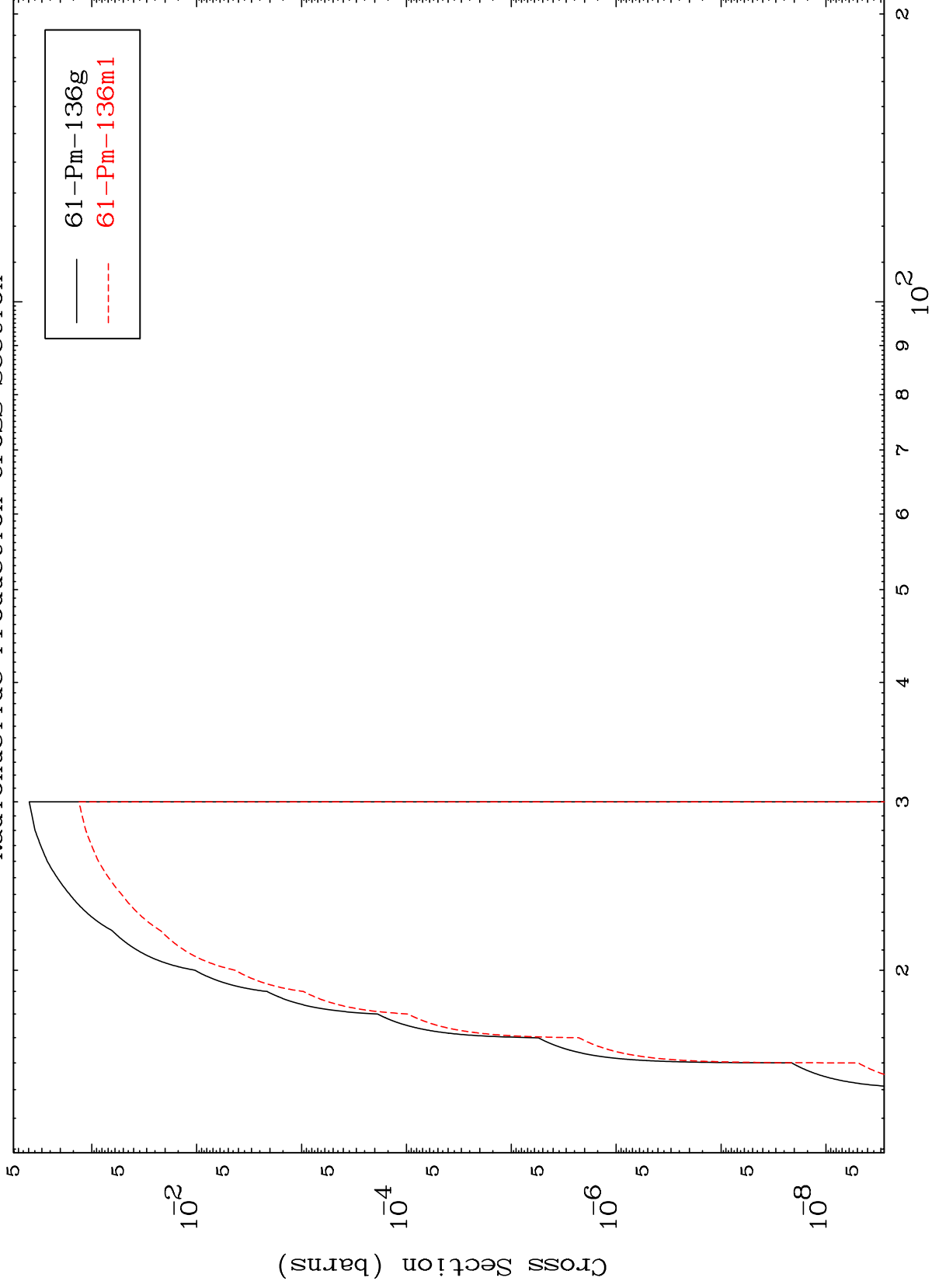


MAT 6119

(n,2n) p

61-Pm-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

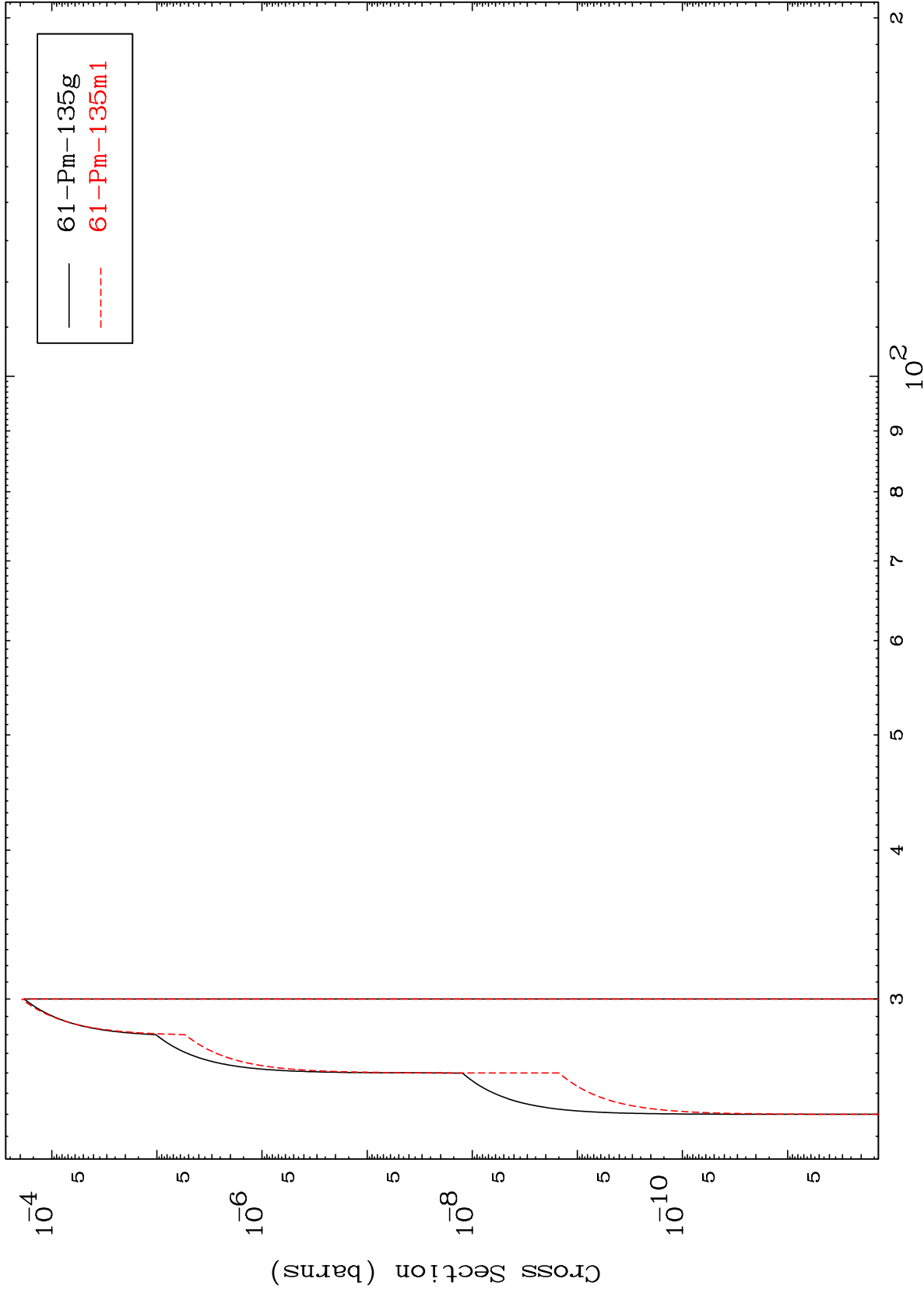
61-Pm-137

MAT 6119

(n,3n) p

61-Pm-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

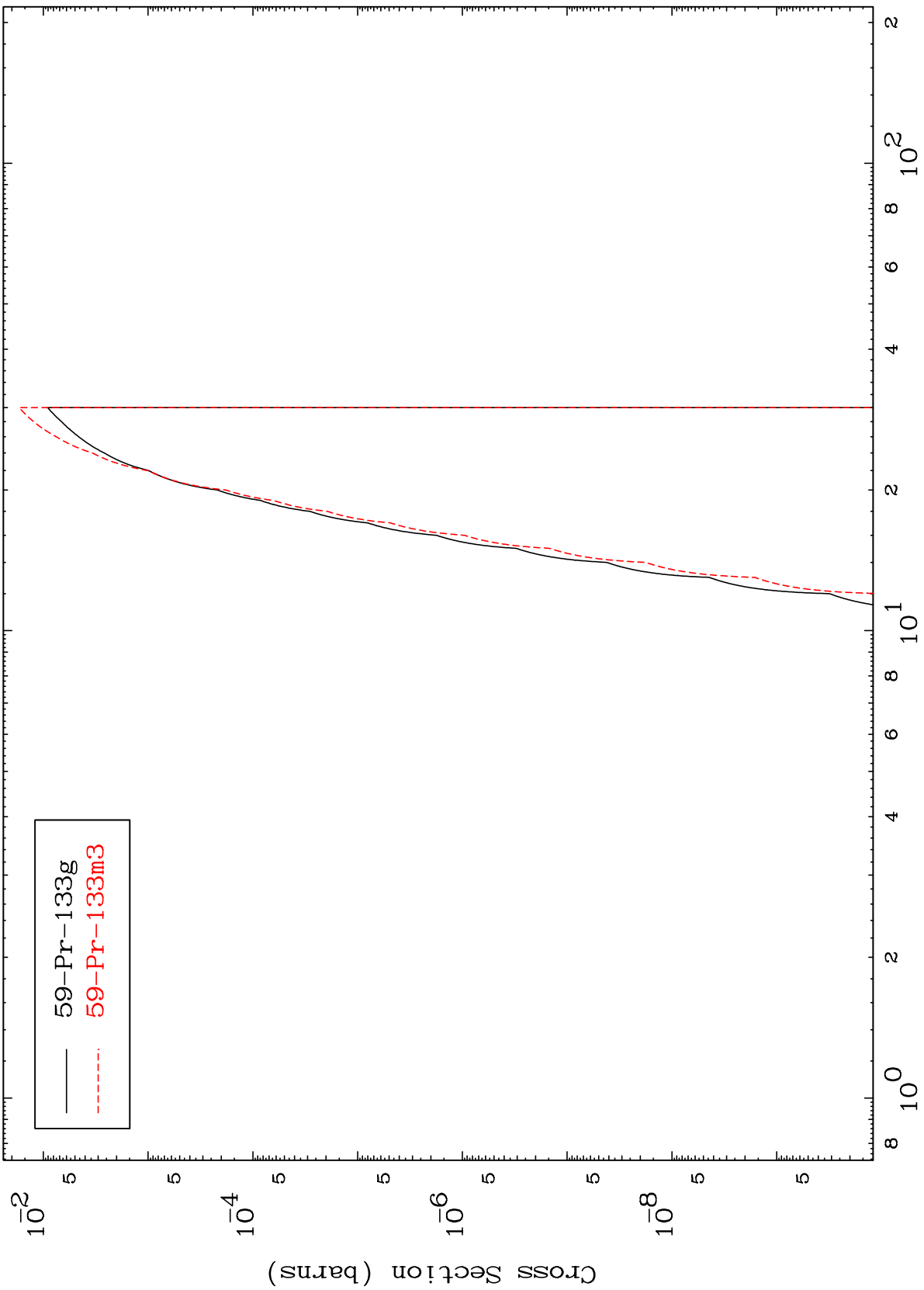
61-Pm-137

MAT 6119

(n,n') p  $\alpha$

61-Pm-137

Radionuclide Production Cross Section



19

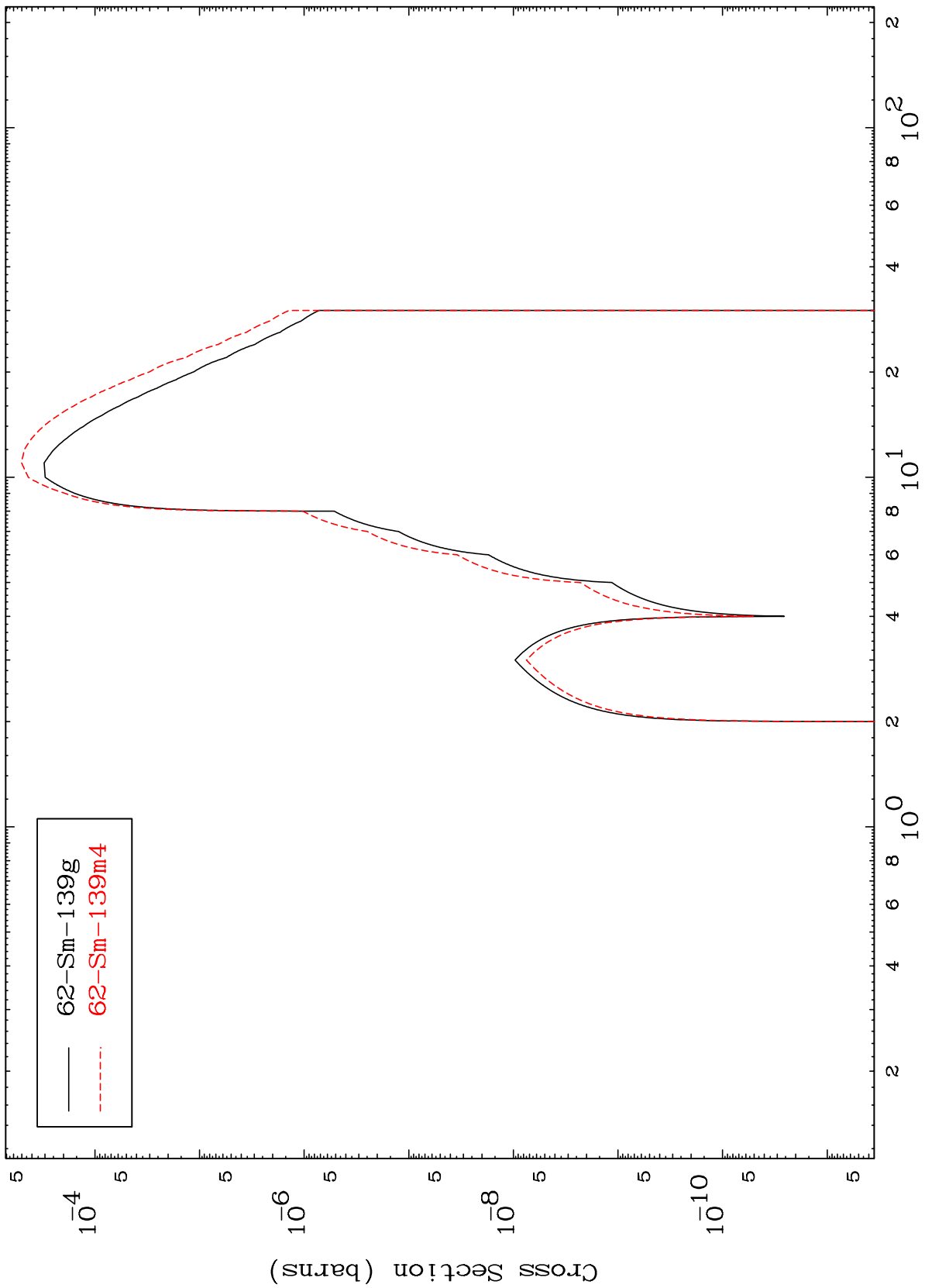
Incident Energy (MeV)

61-Pm-137

MAT 6119

61-Pm-137

(n,  $\gamma$ )  
Radionuclide Production Cross Section



— 62-Sm-139g  
- - - 62-Sm-139m4

61-Pm-137

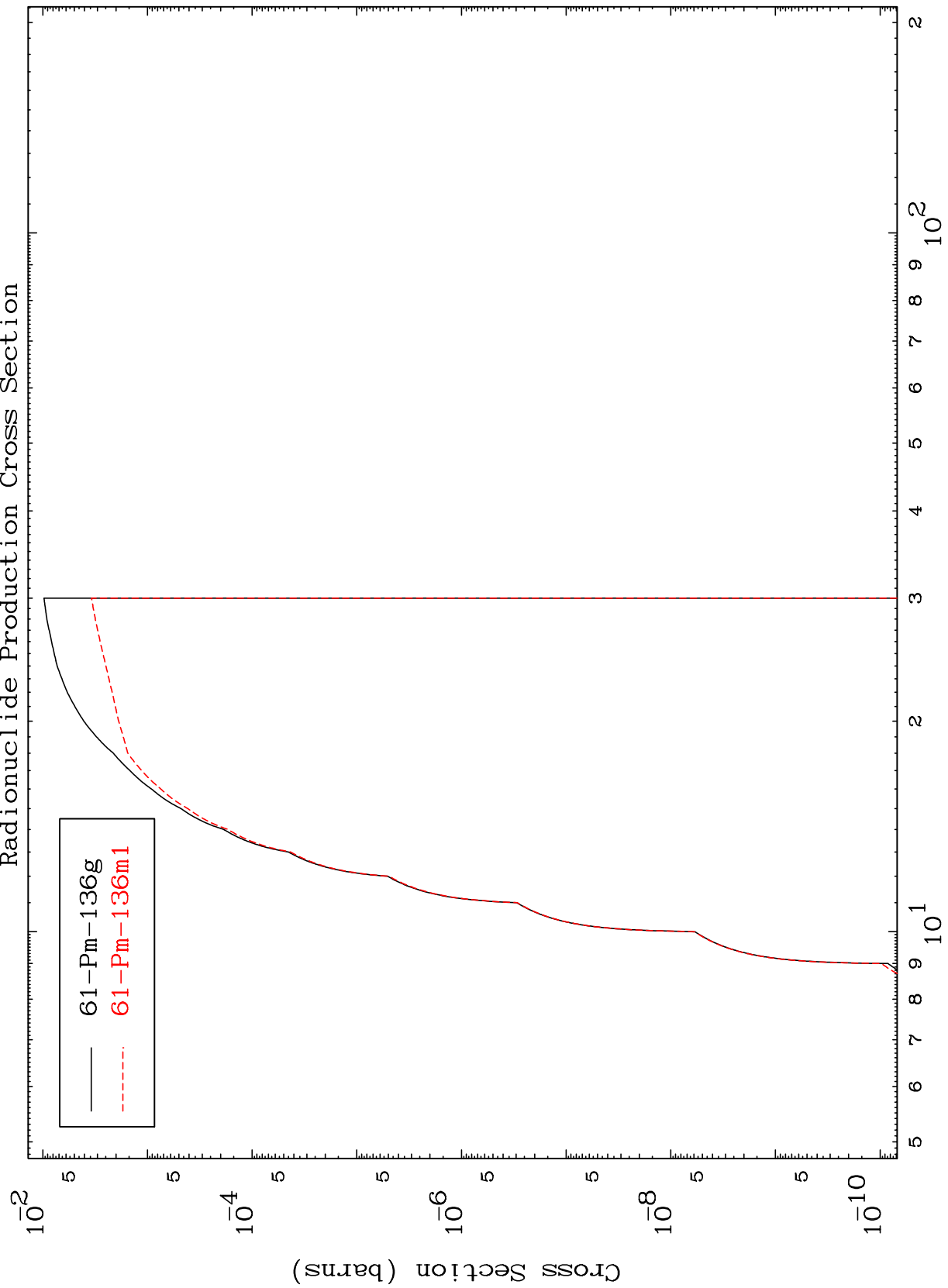
Incident Energy (MeV)

20

MAT 6119

61-Pm-137

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-137

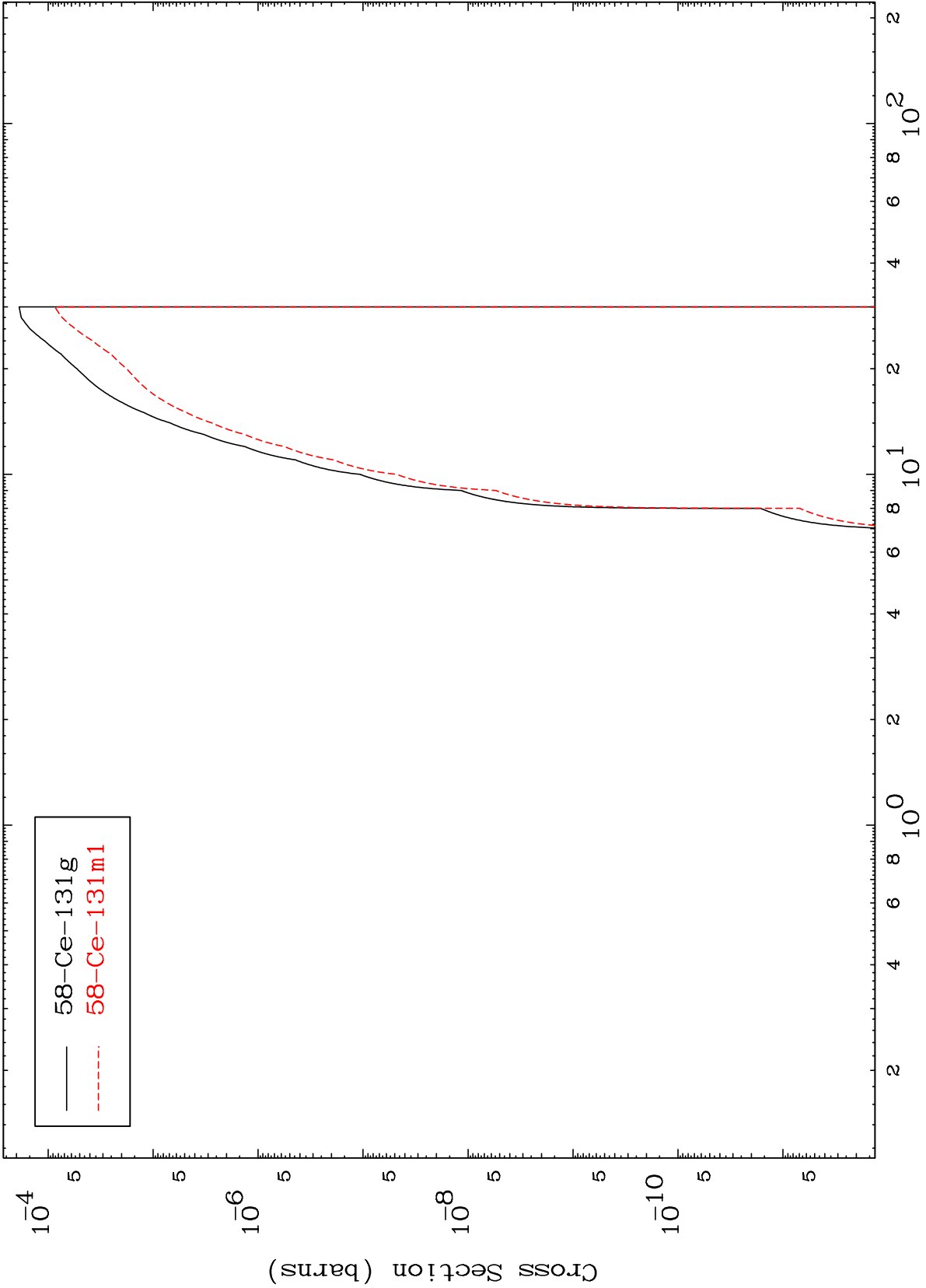
21

MAT 6119

(n,2α)

61-Pm-137

Radionuclide Production Cross Section

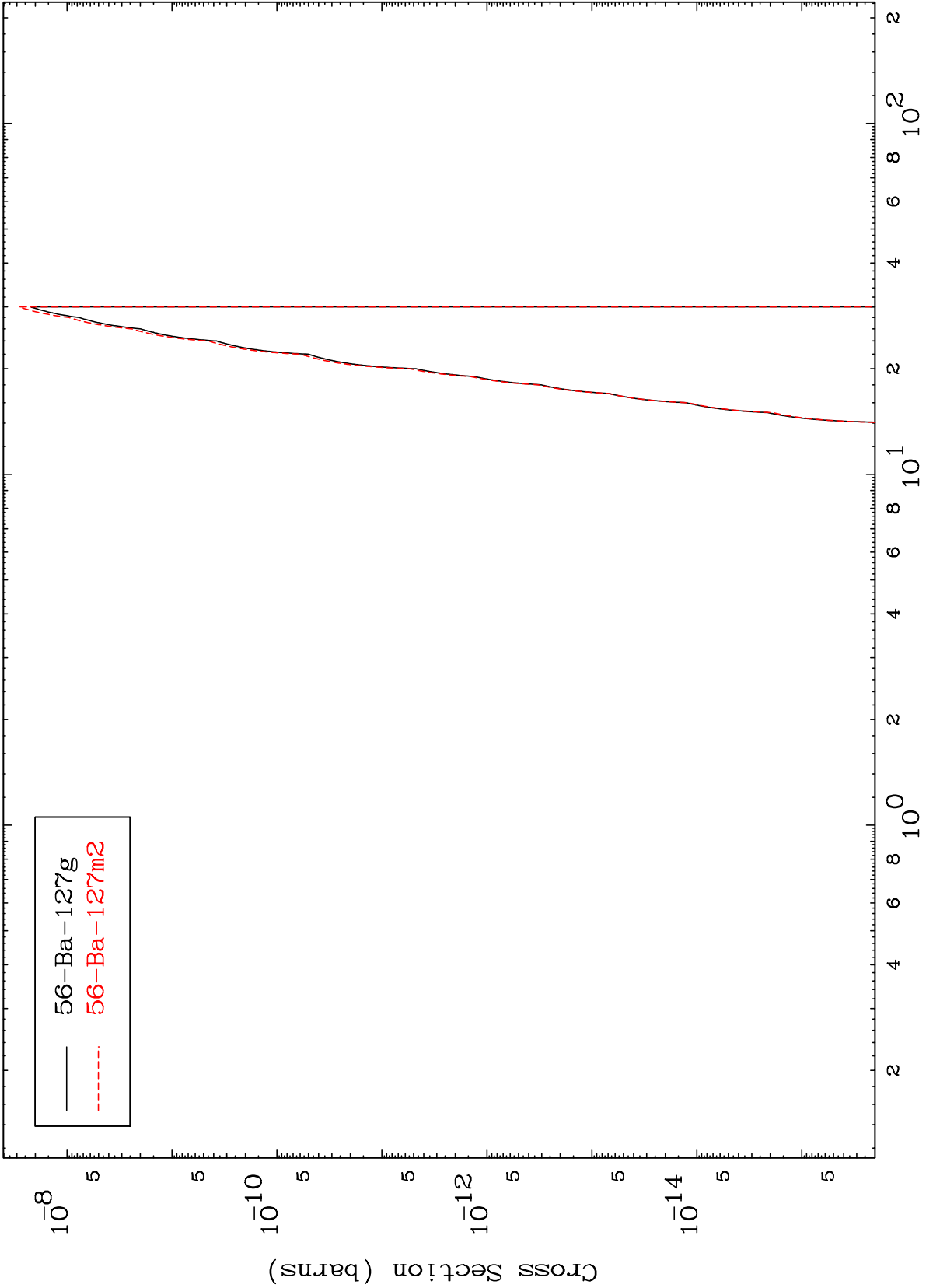


MAT 6119

(n, 3α)

61-Pm-137

Radionuclide Production Cross Section

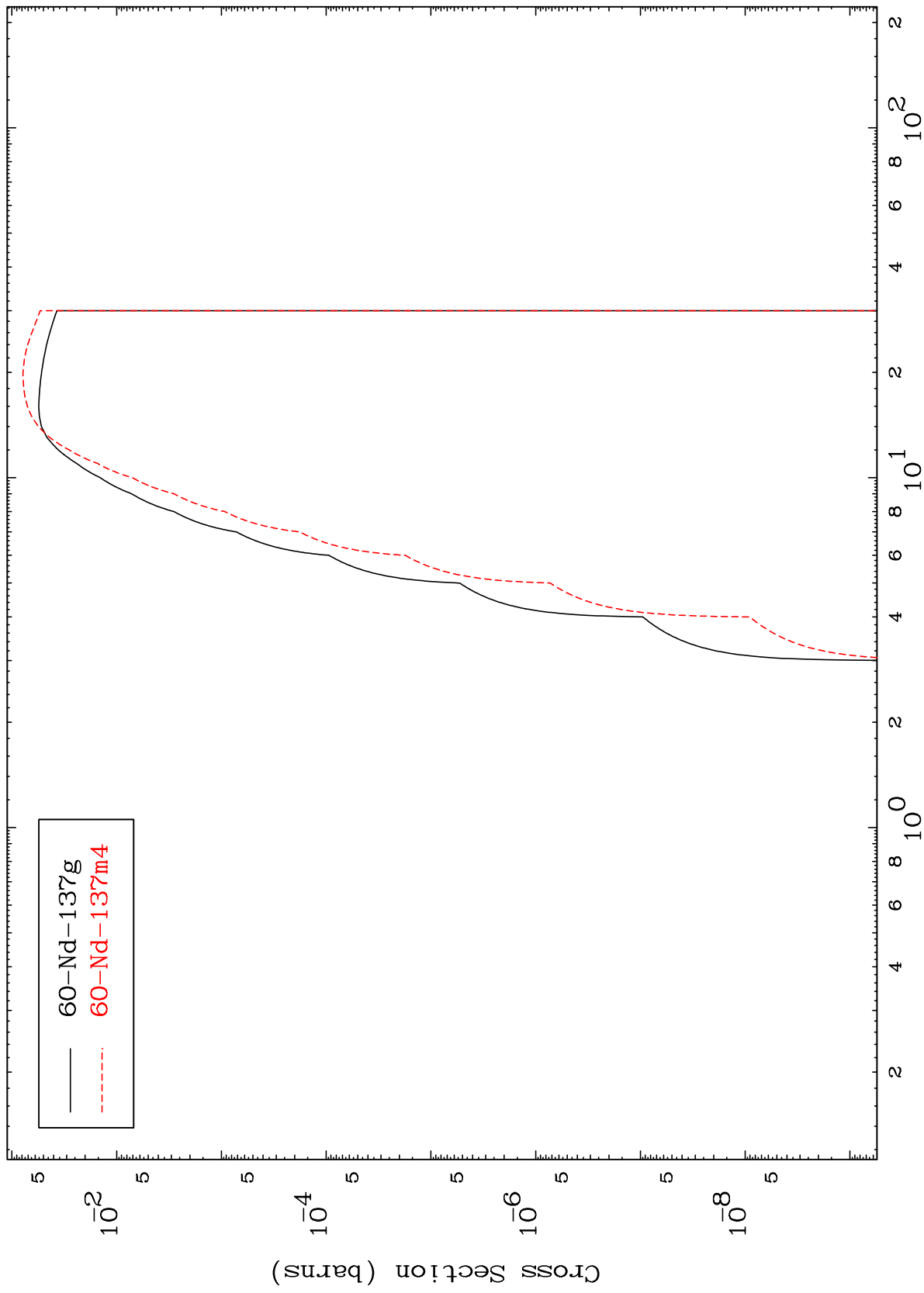




MAT 6119

61-Pm-137

(n,2p)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

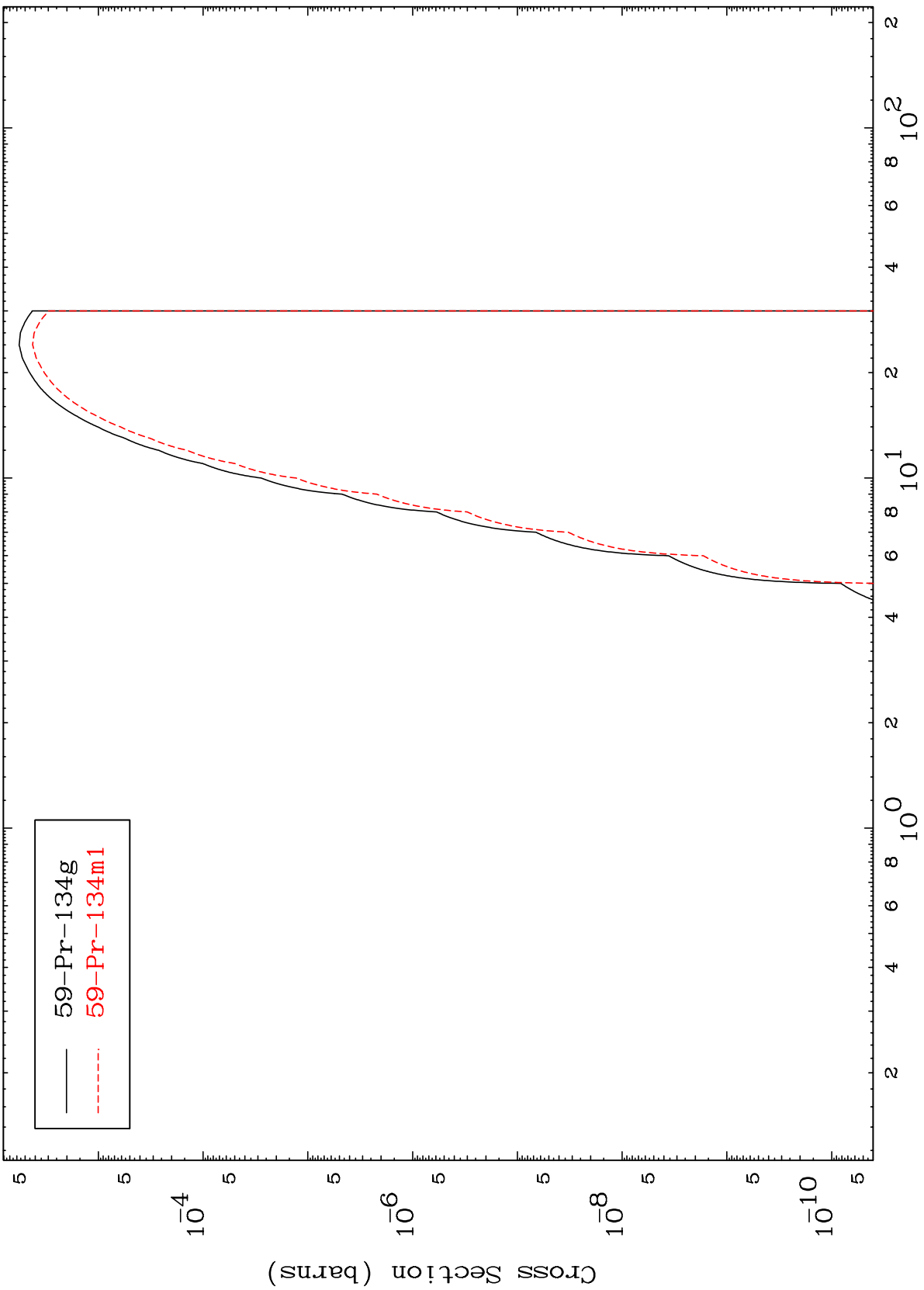
61-Pm-137

MAT 6119

(n,p)  $\alpha$

61-Pm-137

Radionuclide Production Cross Section



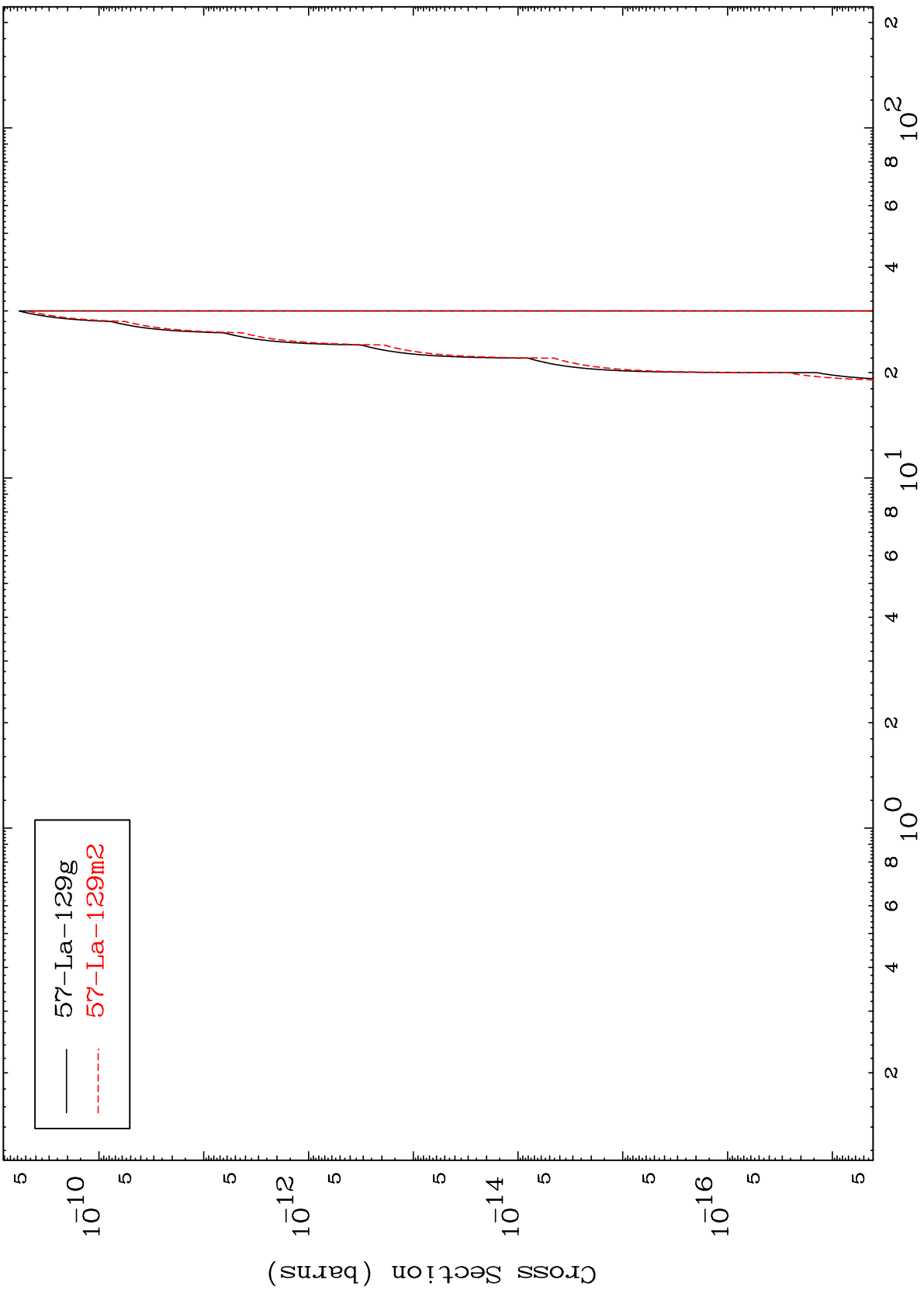
59-Pr-134g  
59-Pr-134m1

MAT 6119

(n,d)  $2\alpha$

61-Pm-137

Radionuclide Production Cross Section



57-La-129g  
57-La-129m2

Incident Energy (MeV)

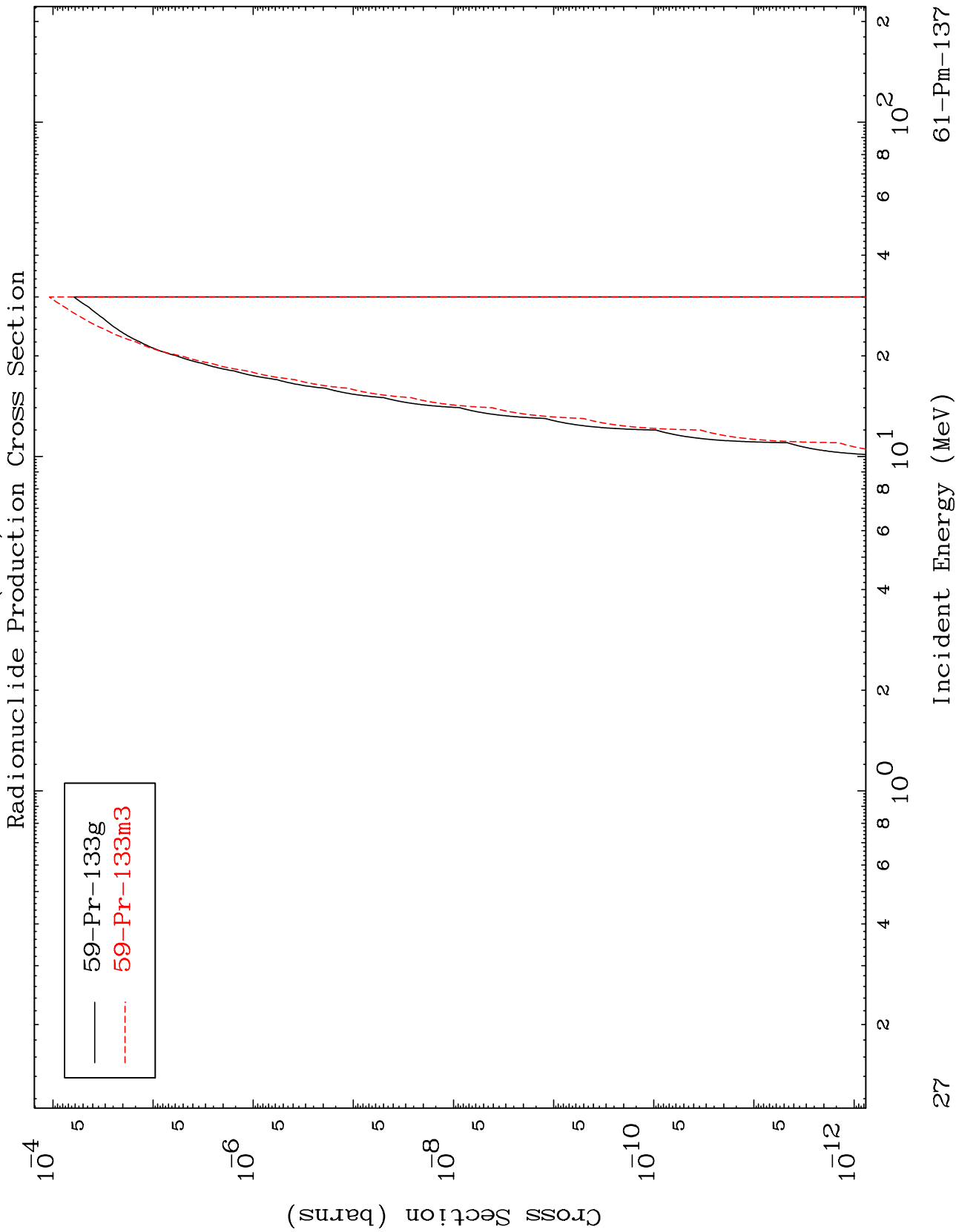
61-Pm-137

26

MAT 6119

(n,d)  $\alpha$

61-Pm-137



59-Pr-133g  
59-Pr-133m3