

Program EVALPLOT
(Version 2021-1)

by

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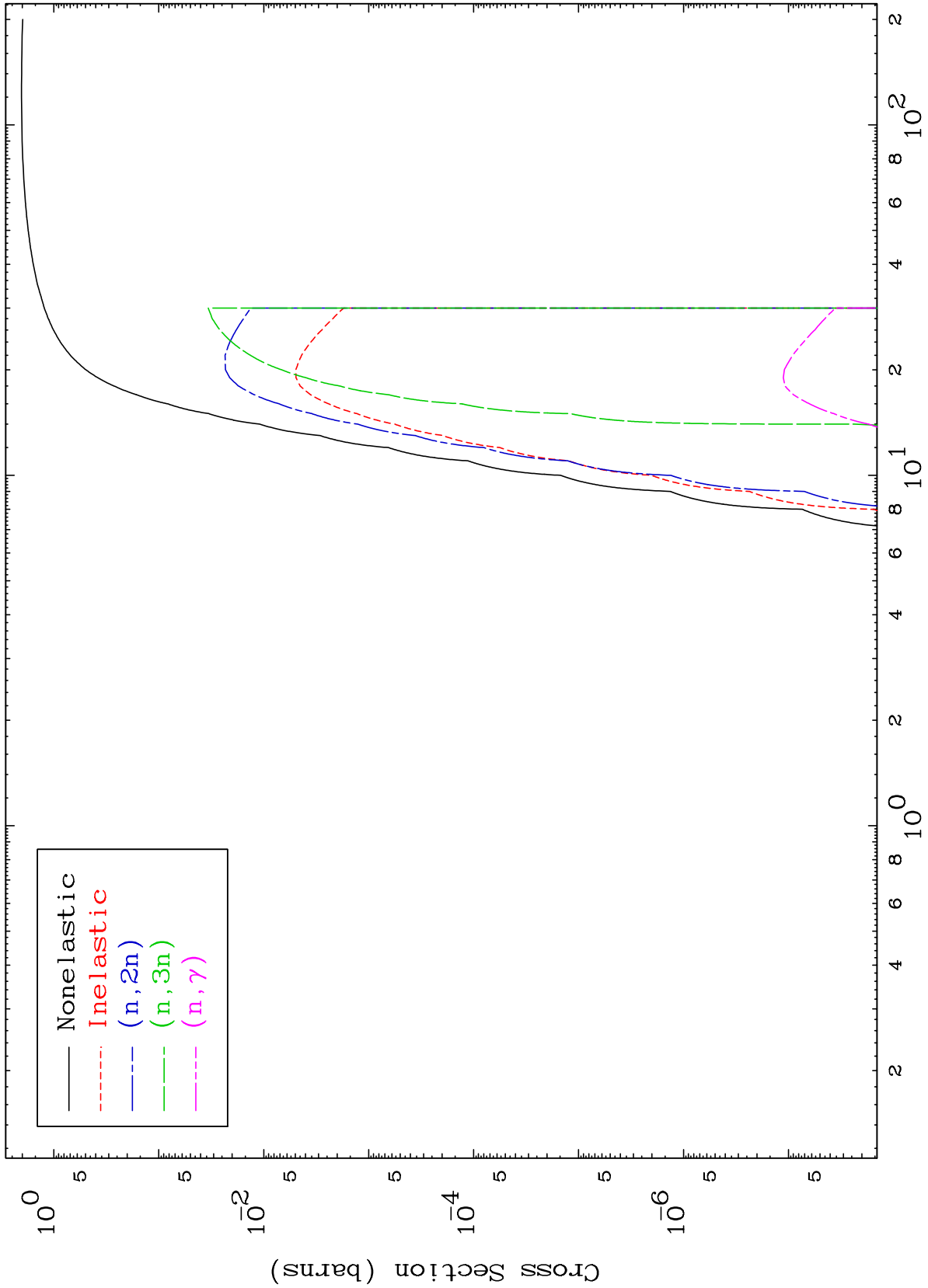
Press Mouse Button to Start

MAT 5835

He-3 Major

58-Ce-139m

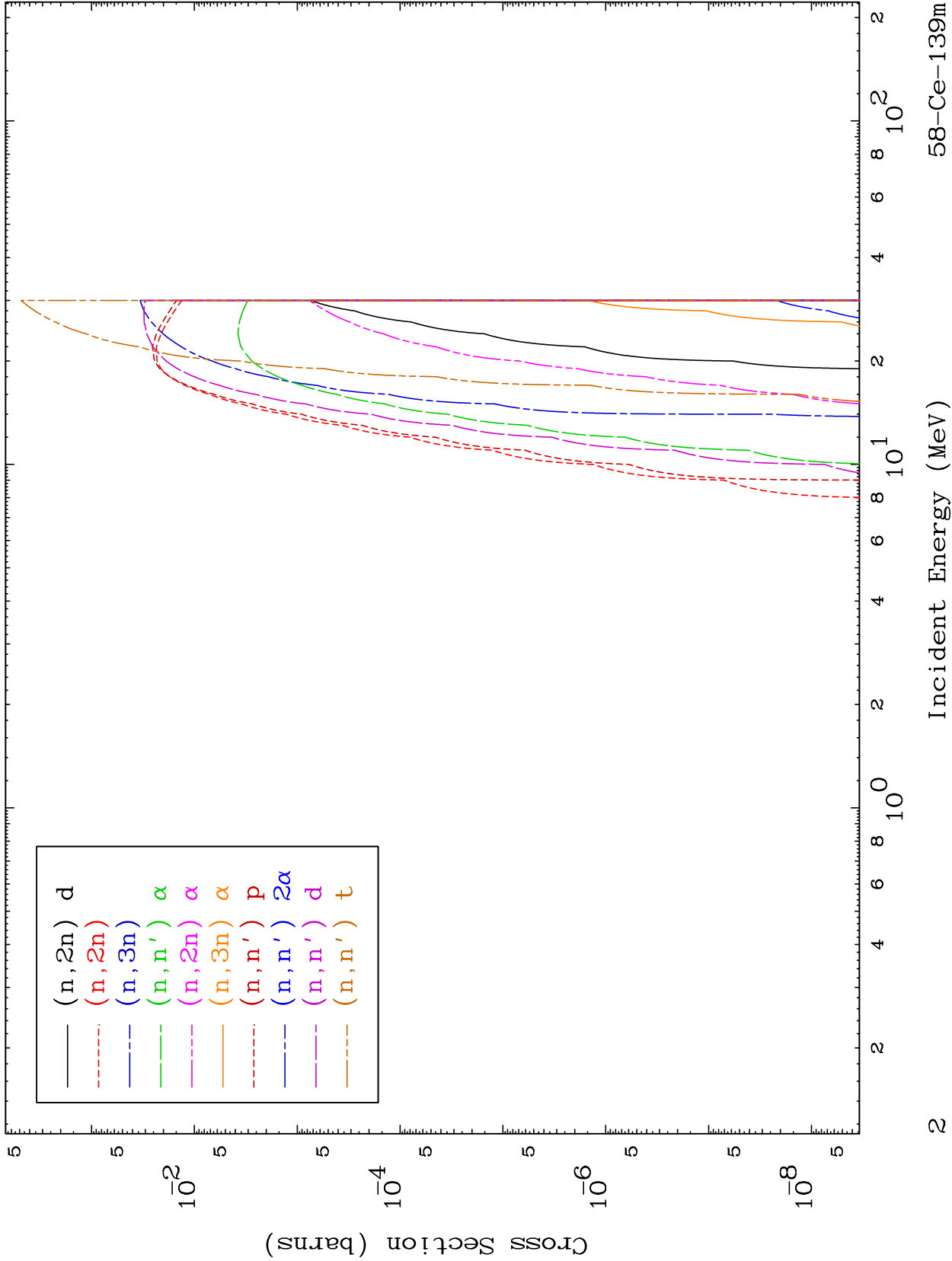
0 Kelvin Cross Sections



MAT 5835

He-3 Neutron Absorption
0 Kelvin Cross Sections

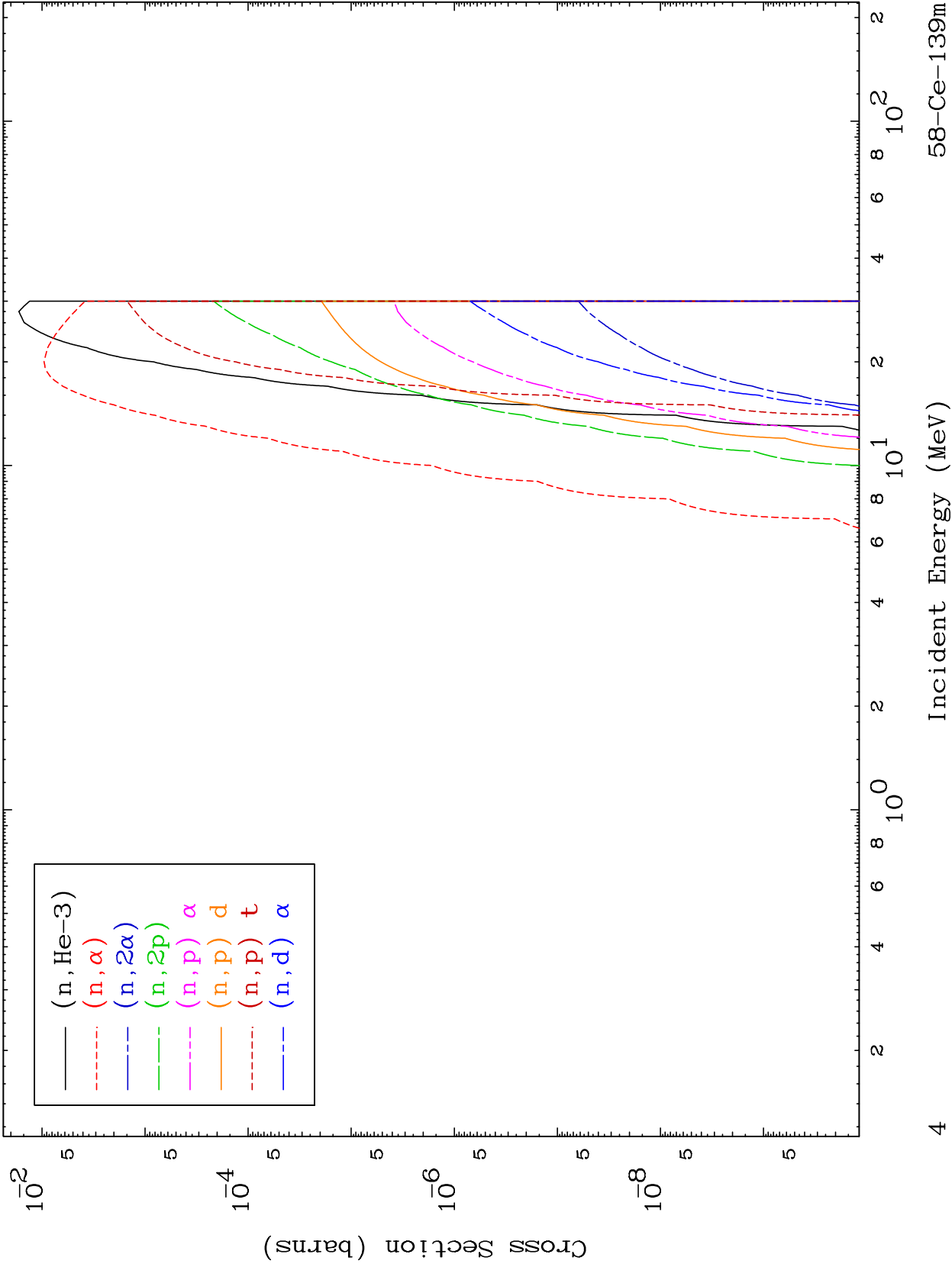
58-Ce-139m



MAT 5835

He-3 Neutron Absorption
0 Kelvin Cross Sections

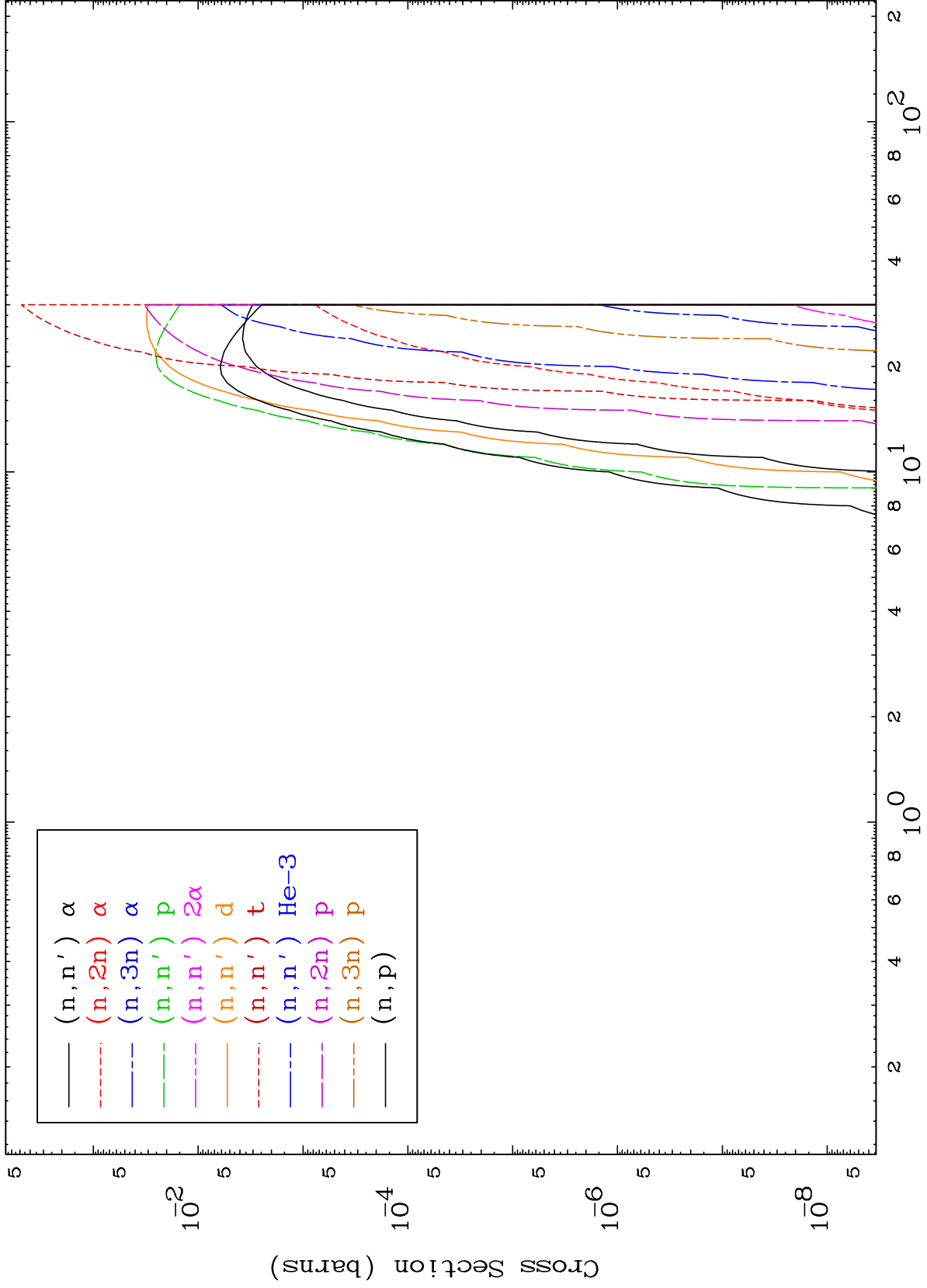
58-Ce-139m



MAT 5835

He-3 Charged Particle
0 Kelvin Cross Sections

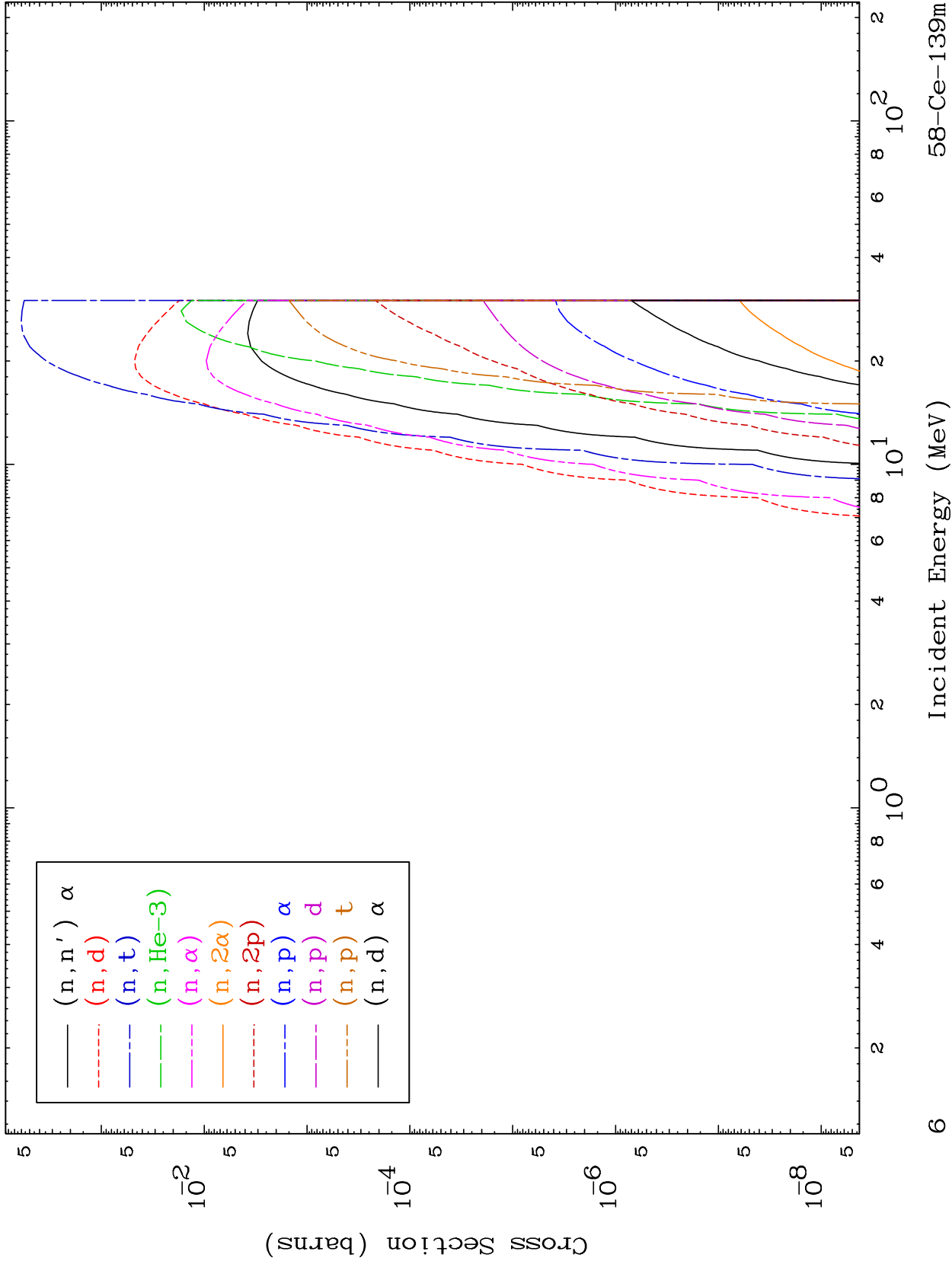
58-Ce-139m



MAT 5835

He-3 Charged Particle
0 Kelvin Cross Sections

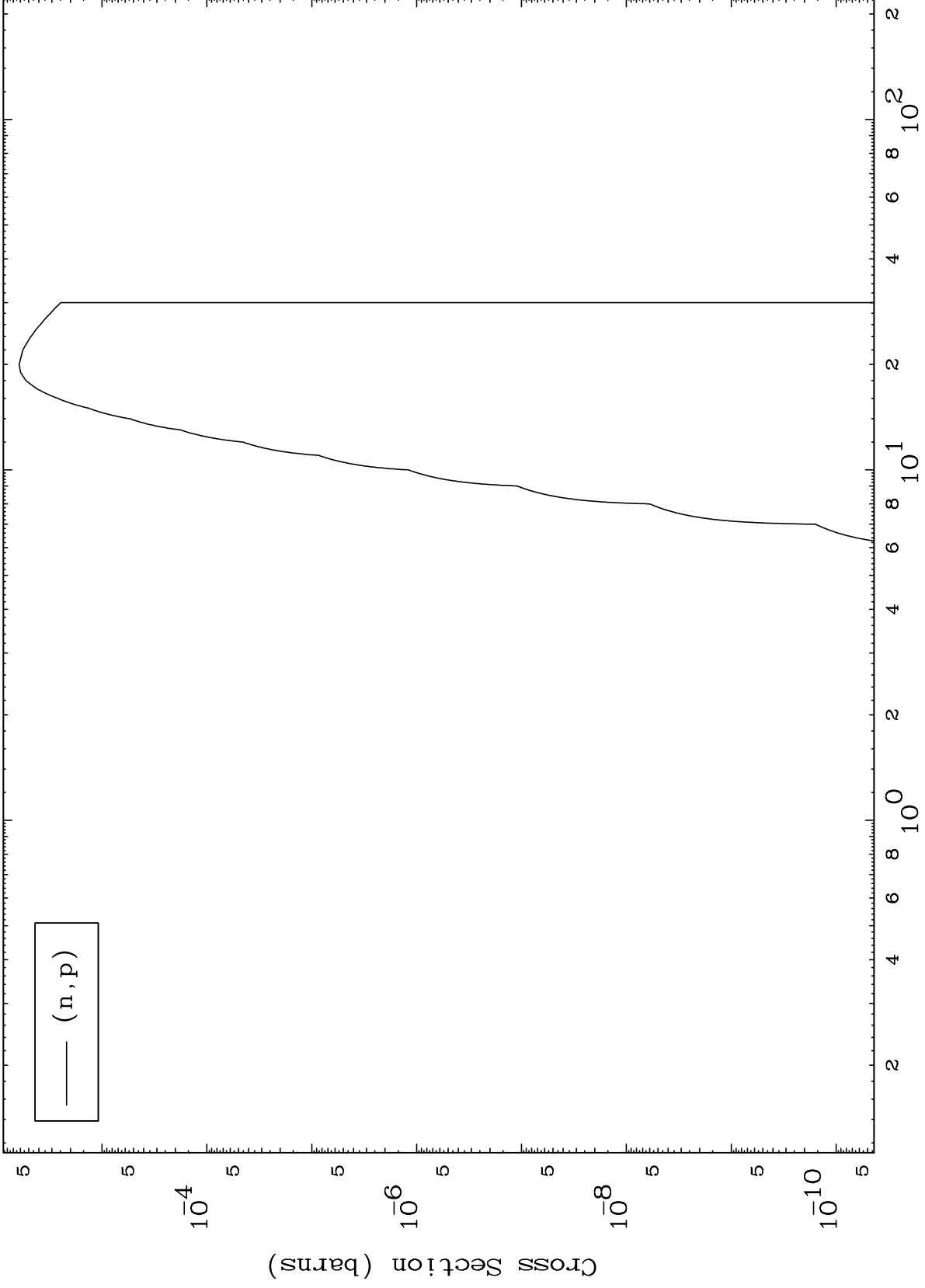
58-Ce-139m



MAT 5835

(He-3,p) Levels
0 Kelvin Cross Sections

58-Ce-139m

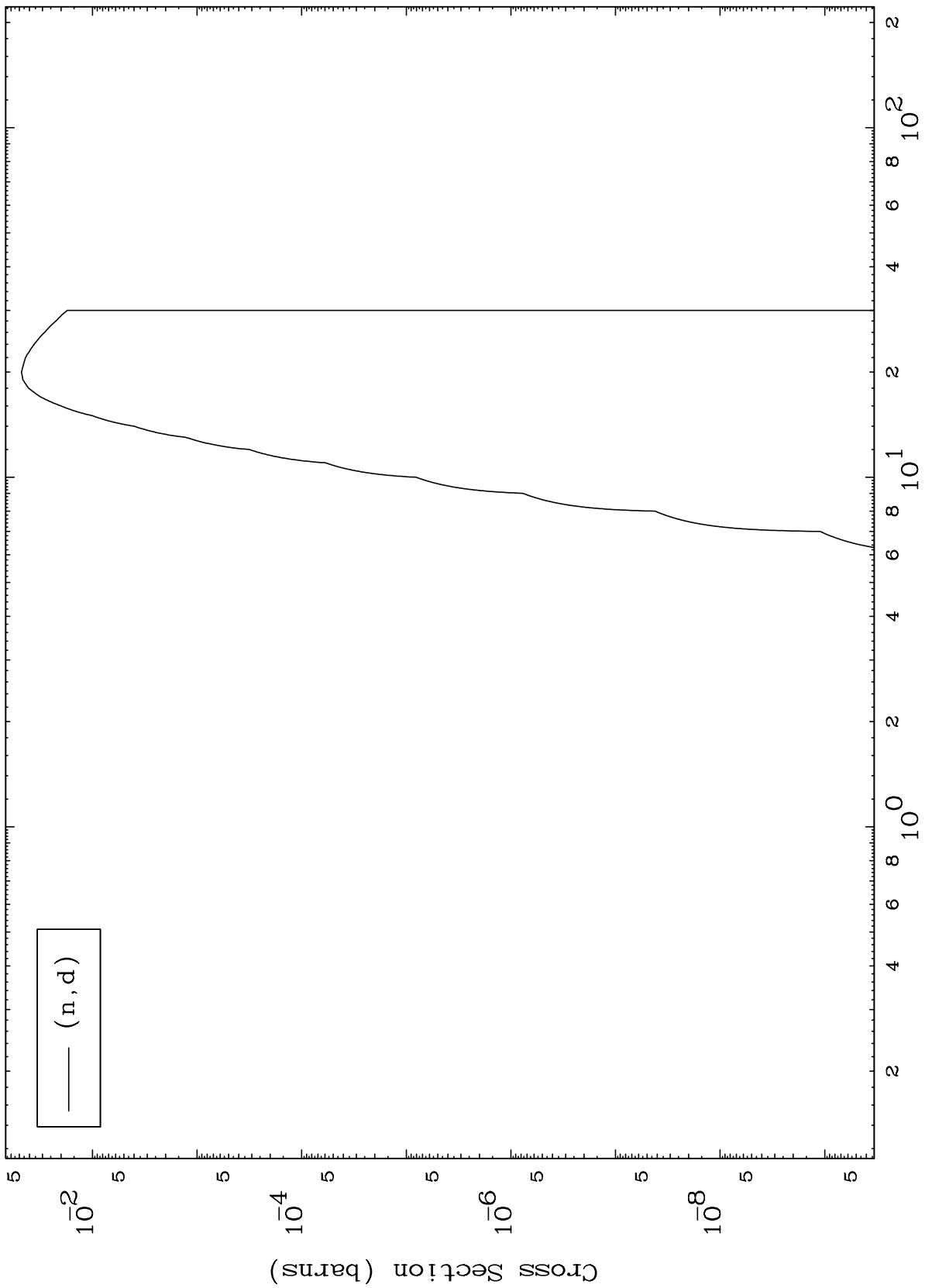


MAT 5835

(He-3,d) Levels

58-Ce-139m

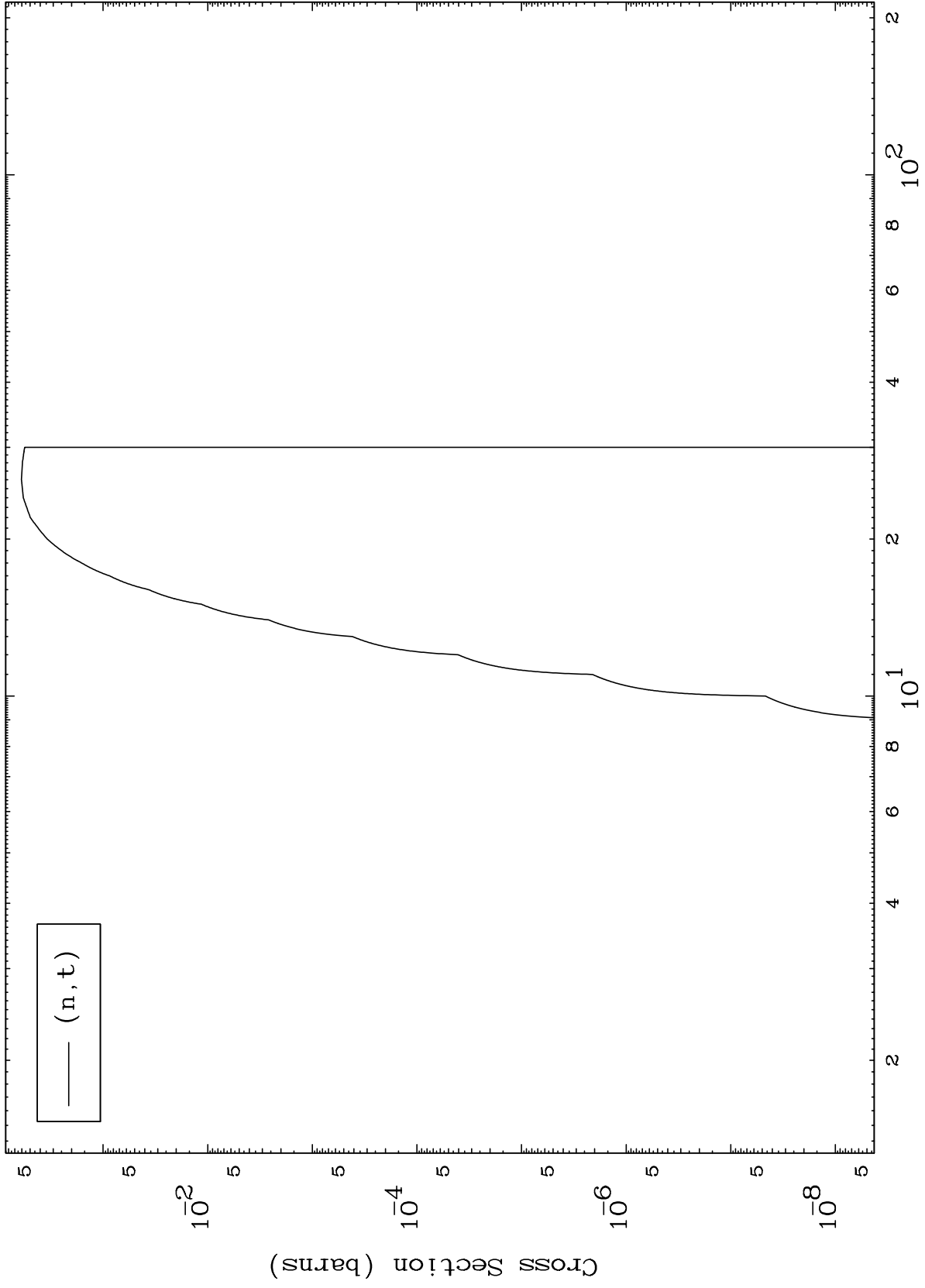
0 Kelvin Cross Sections



MAT 5835

(He-3,t) Levels
0 Kelvin Cross Sections

58-Ce-139m

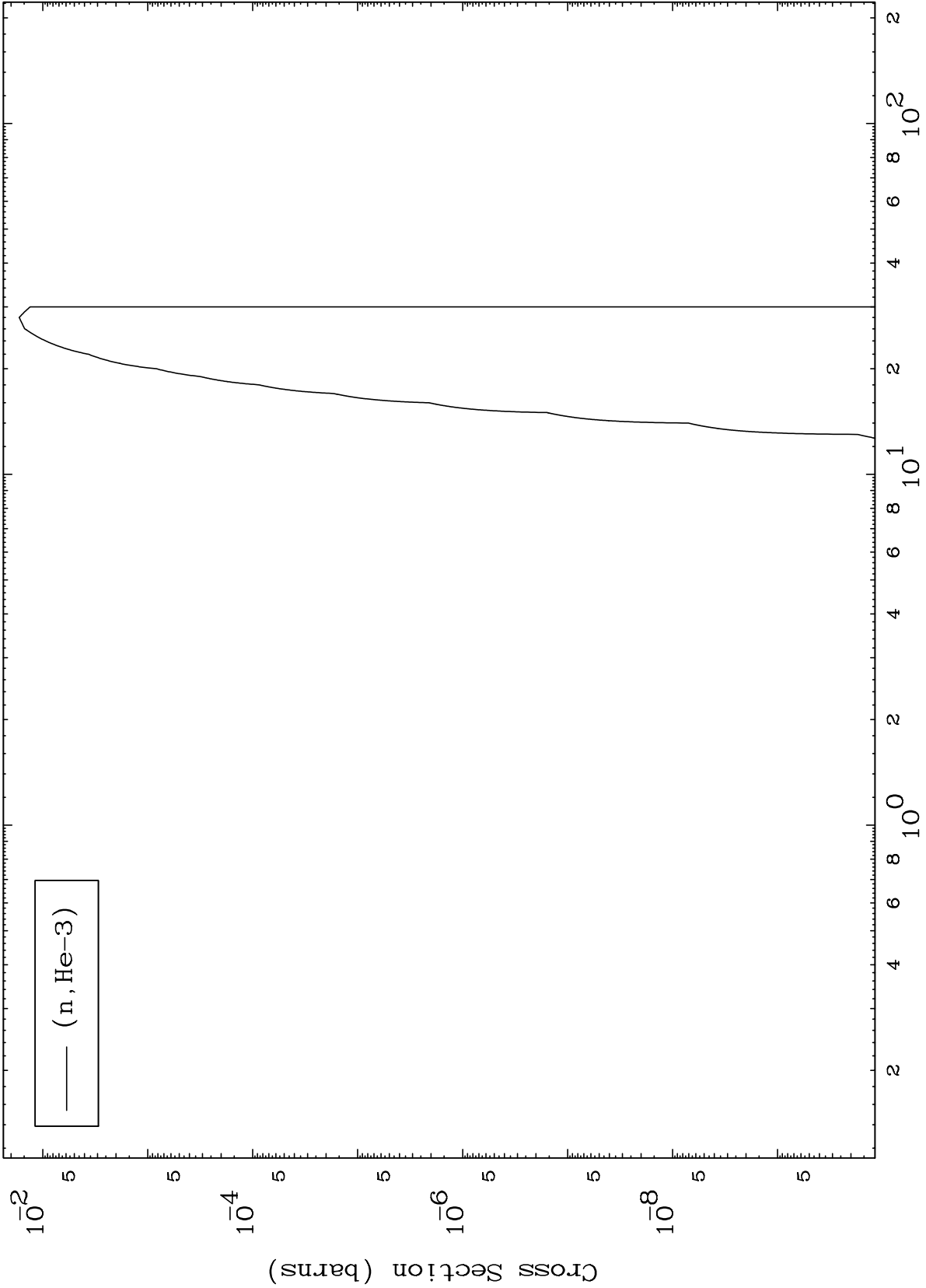


MAT 5835

(He-3, He3) Levels

58-Ce-139m

0 Kelvin Cross Sections



10

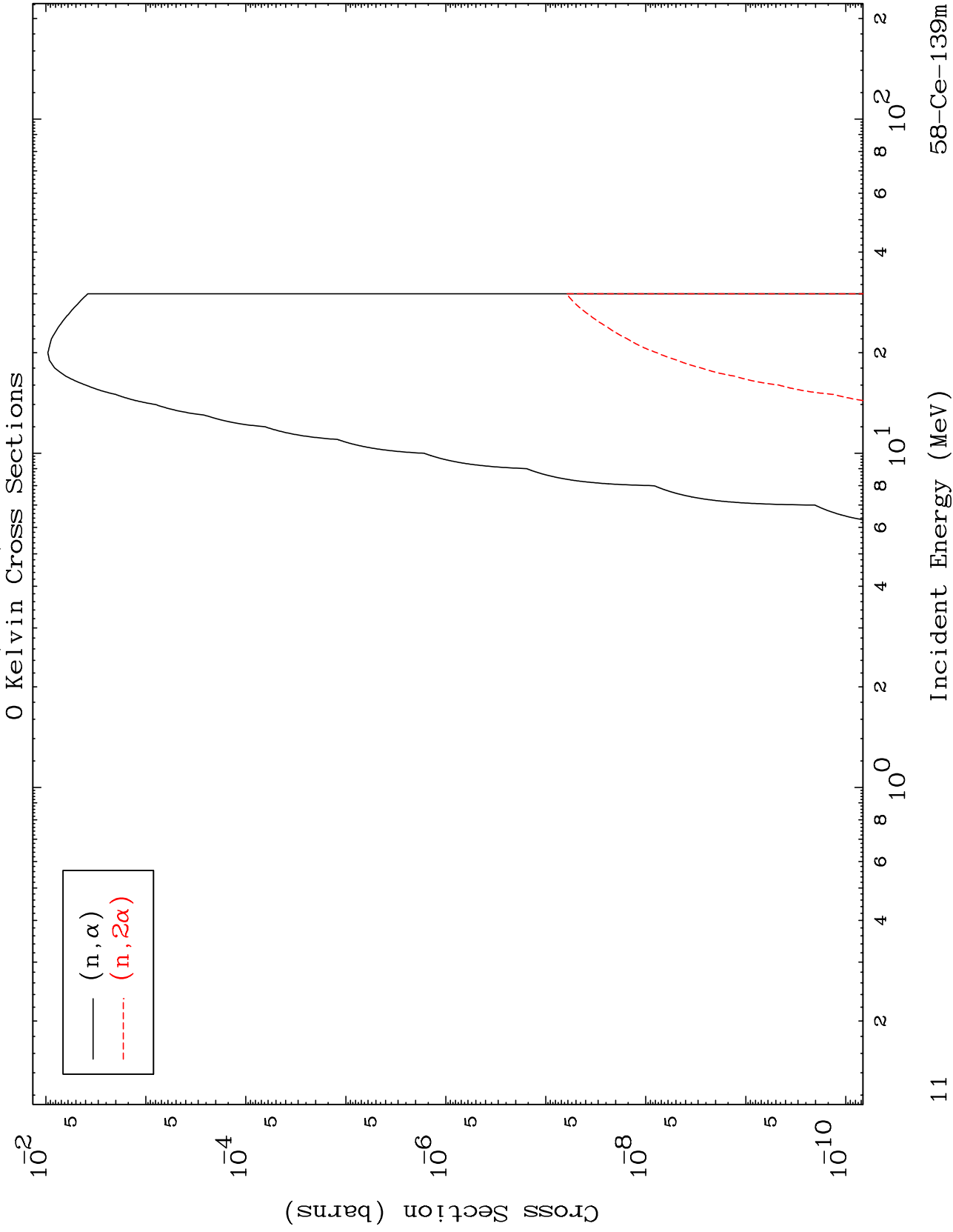
Incident Energy (MeV)

58-Ce-139m

MAT 5835

(He-3, α) Levels

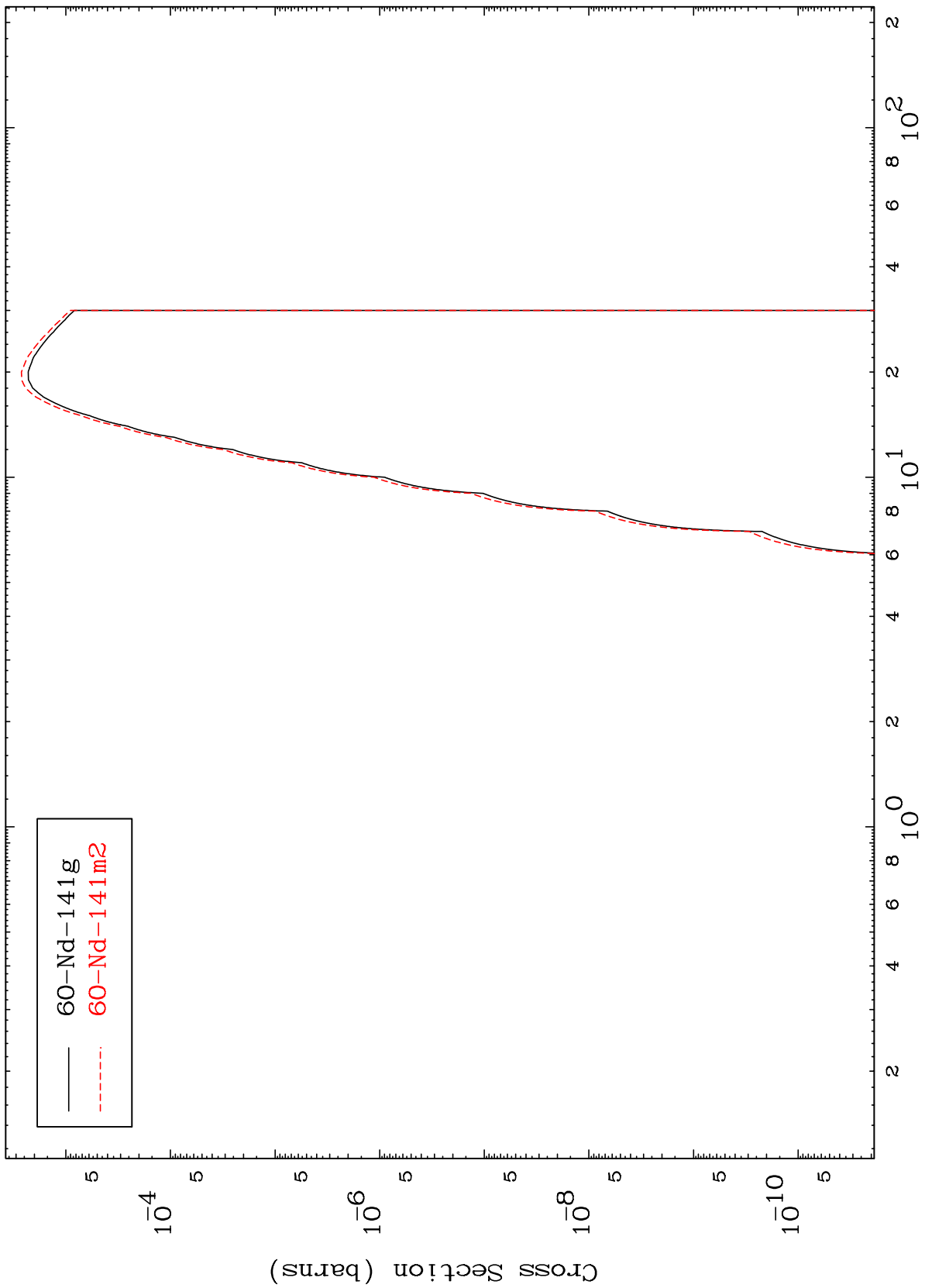
58-Ce-139m



MAT 5835

58-Ce-139m

Radionuclide Production Cross Section

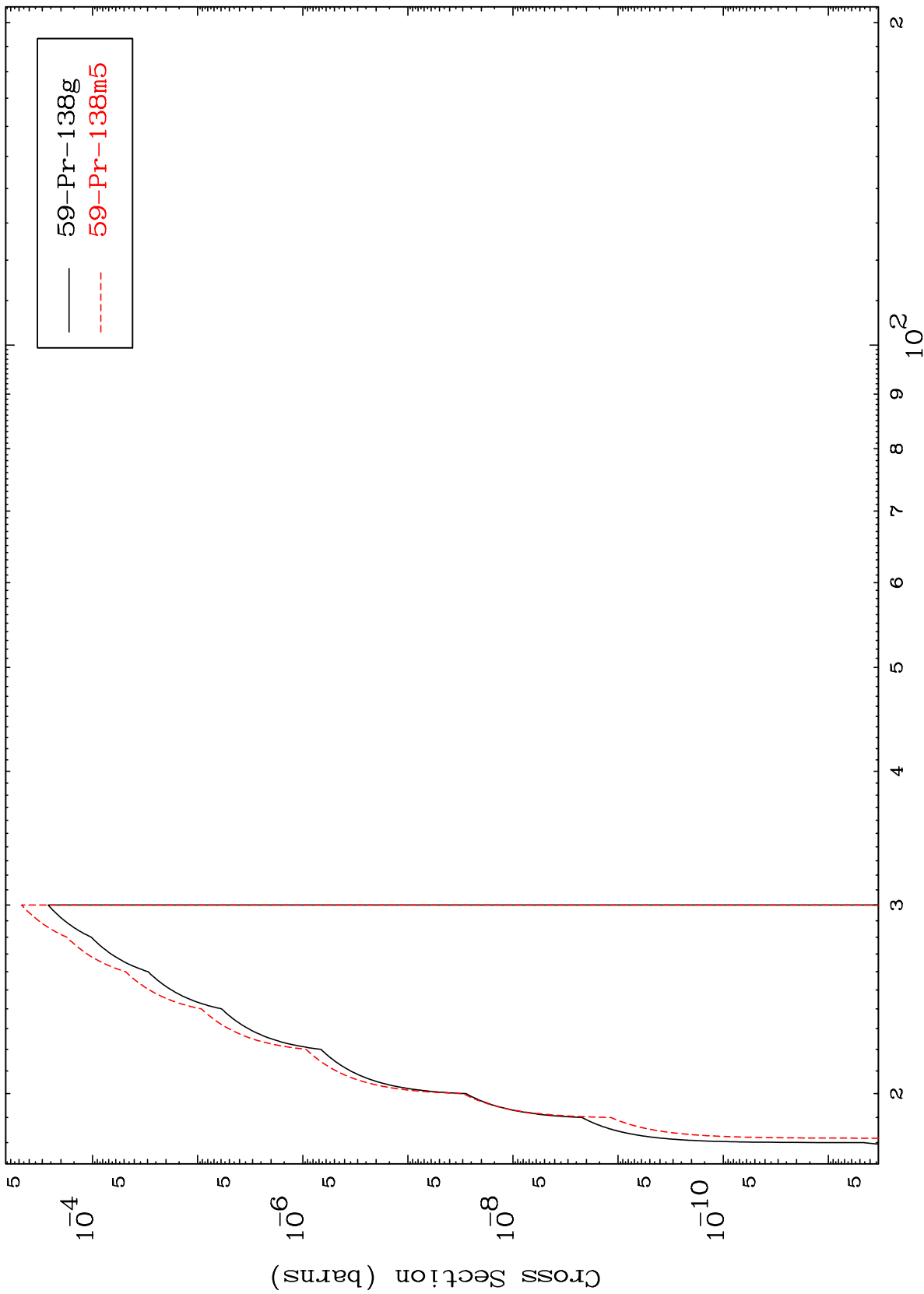


MAT 5835

(n,2n) d

58-Ce-139m

Radionuclide Production Cross Section



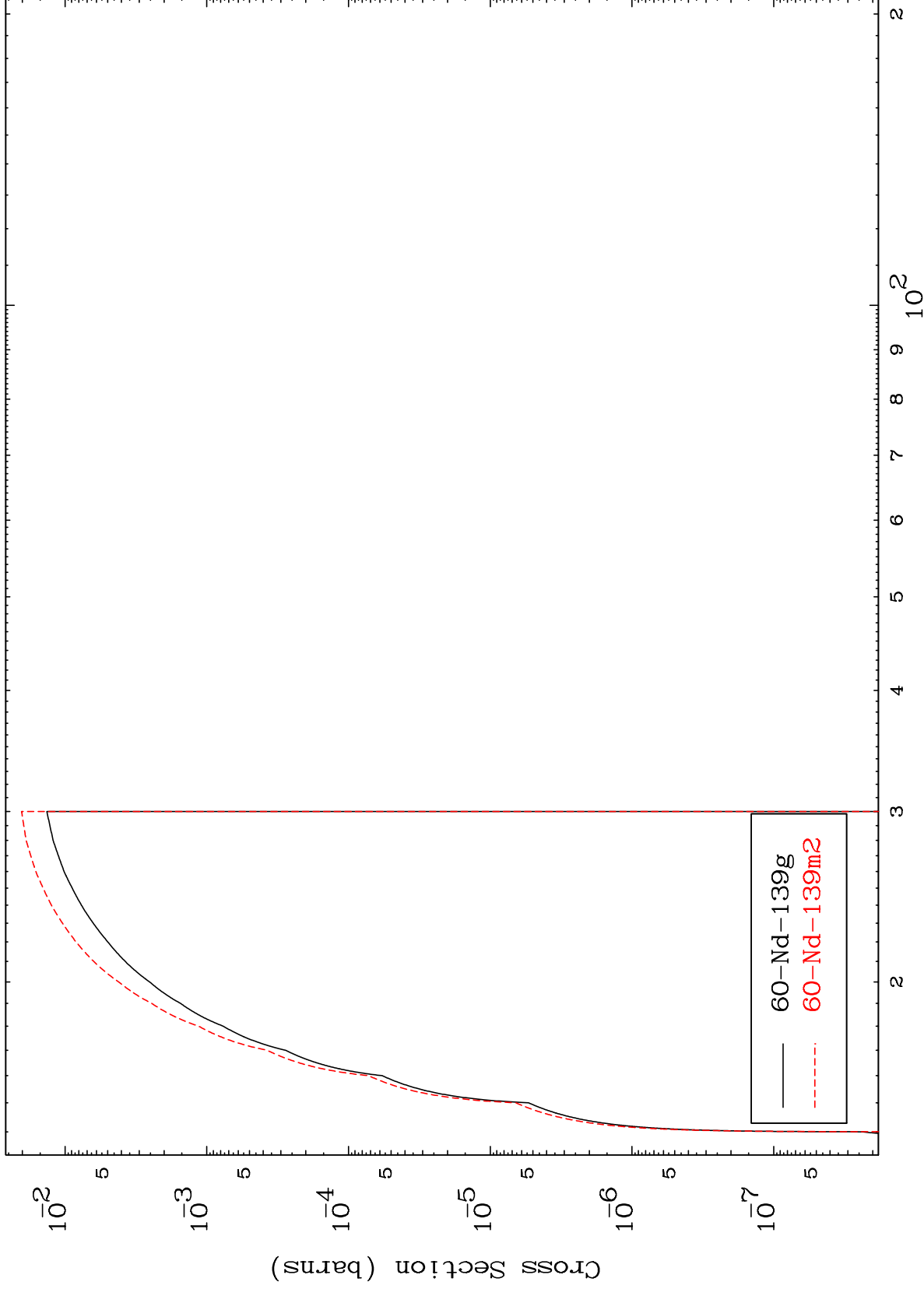
59-Pr-138g
59-Pr-138m5

MAT 5835

(n,3n)

58-Ce-139m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

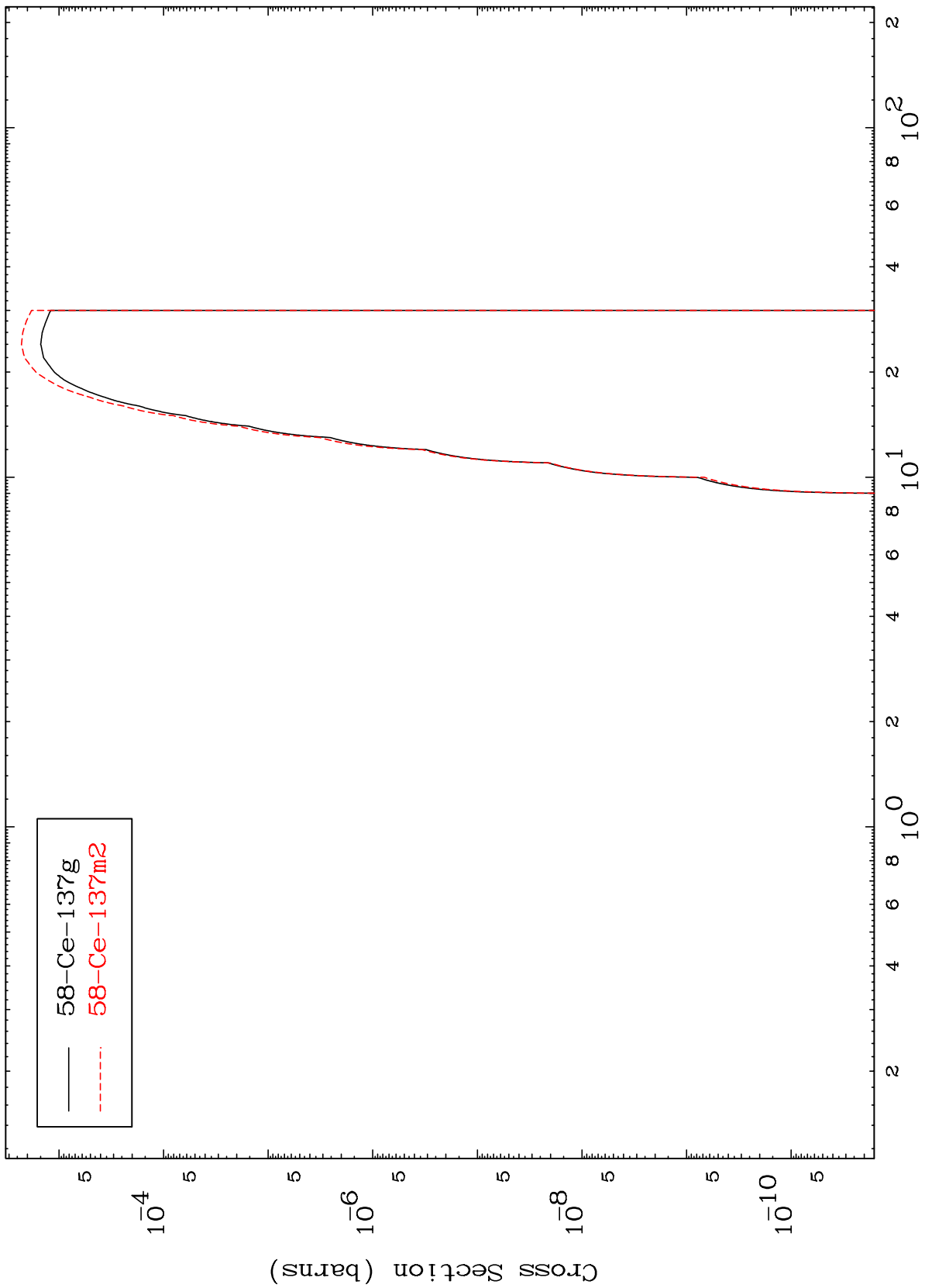
58-Ce-139m

MAT 5835

(n,n') α

58-Ce-139m

Radionuclide Production Cross Section



15

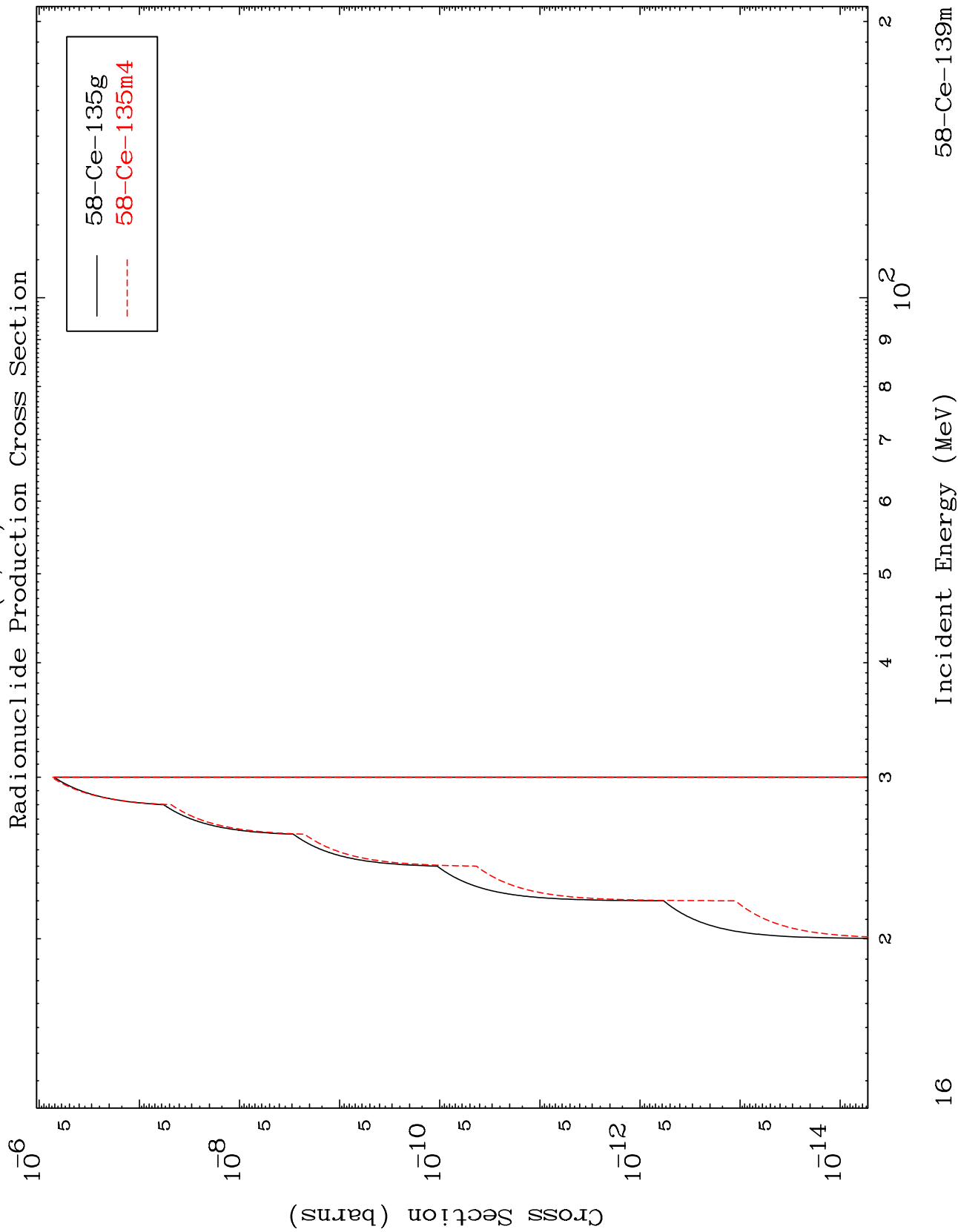
Incident Energy (MeV)

58-Ce-139m

MAT 5835

(n,3n) α

58-Ce-139m



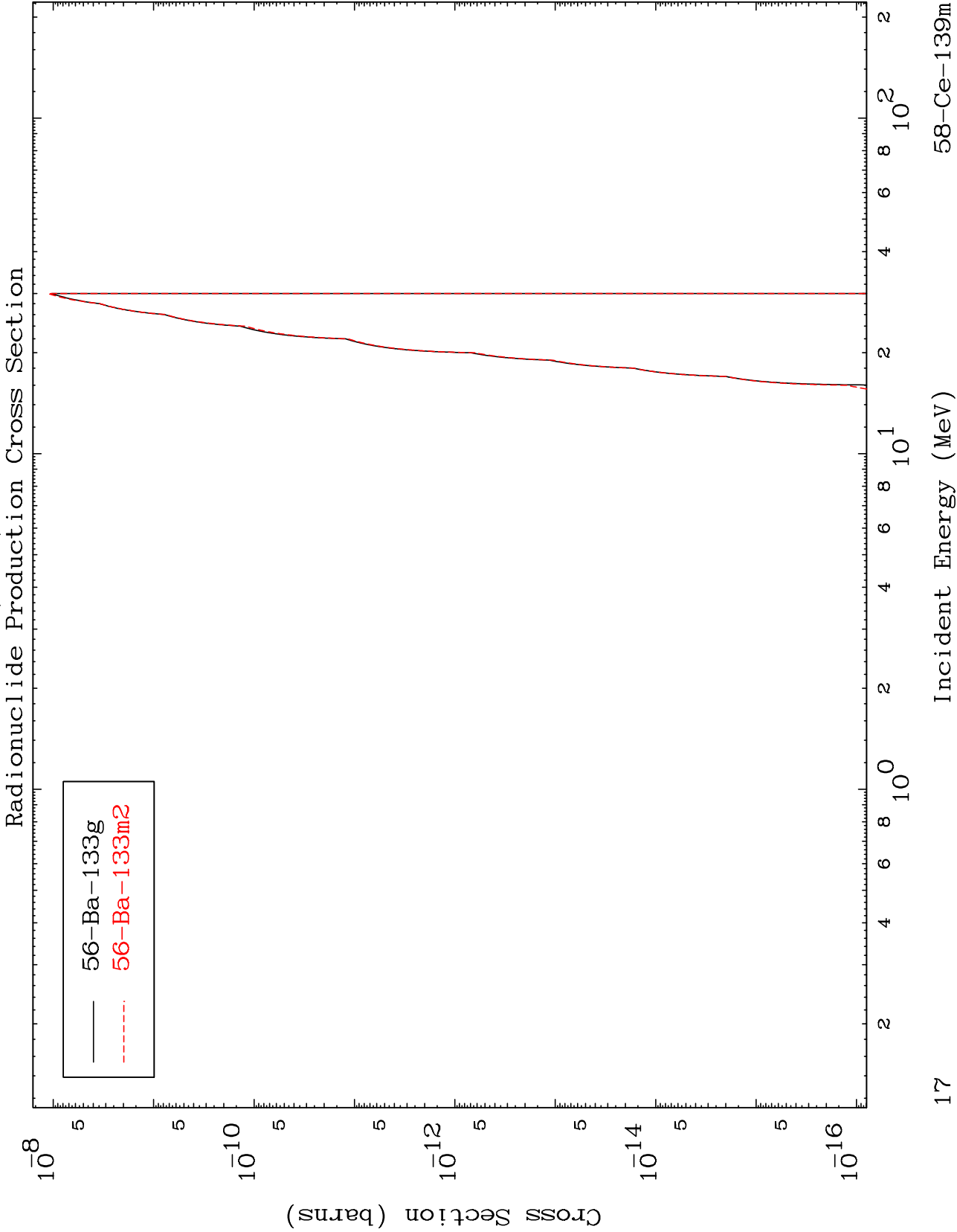
16

58-Ce-139m

MAT 5835

(n,n') 2 α

58-Ce-139m

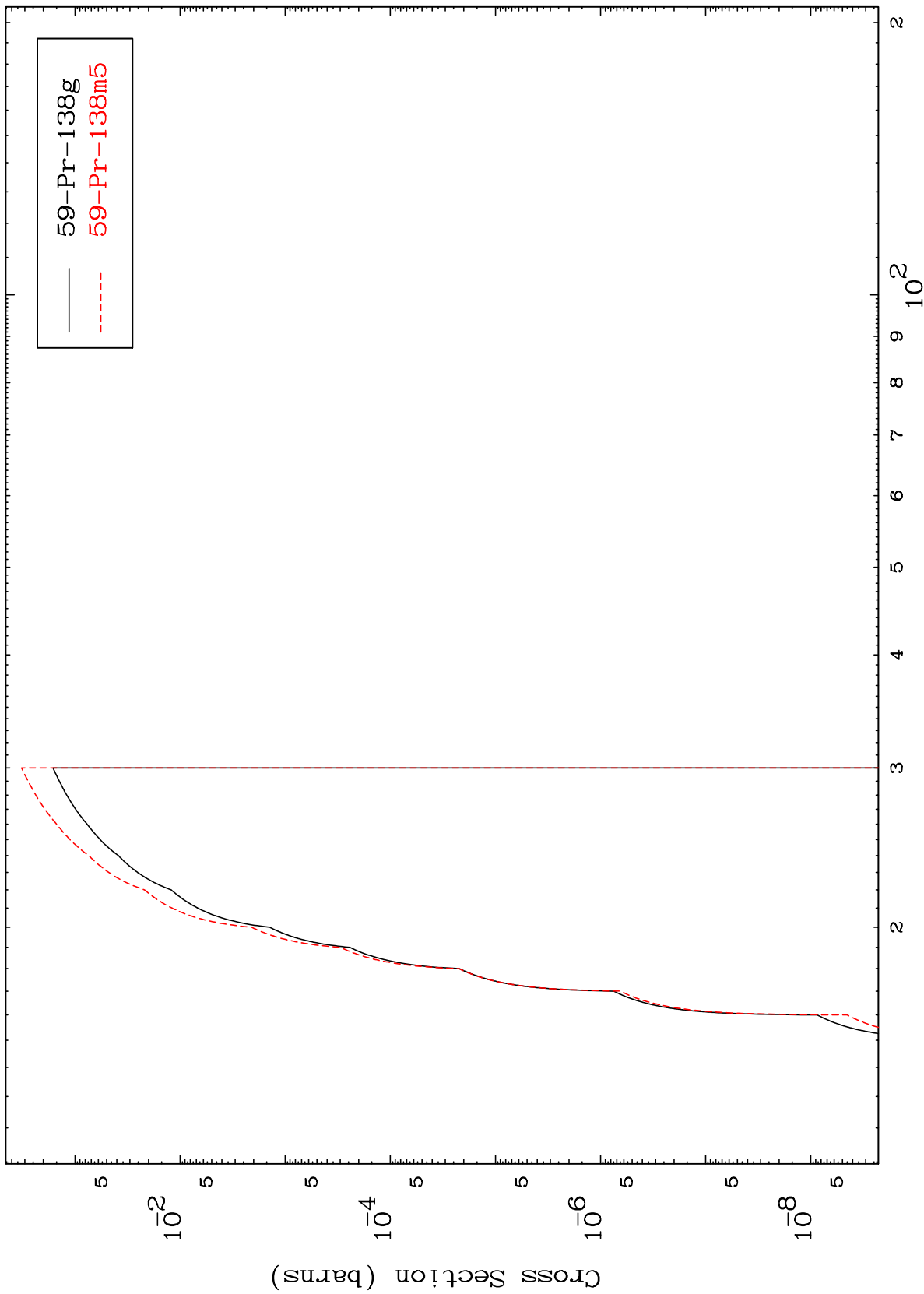


MAT 5835

(n,n') t

58-Ce-139m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

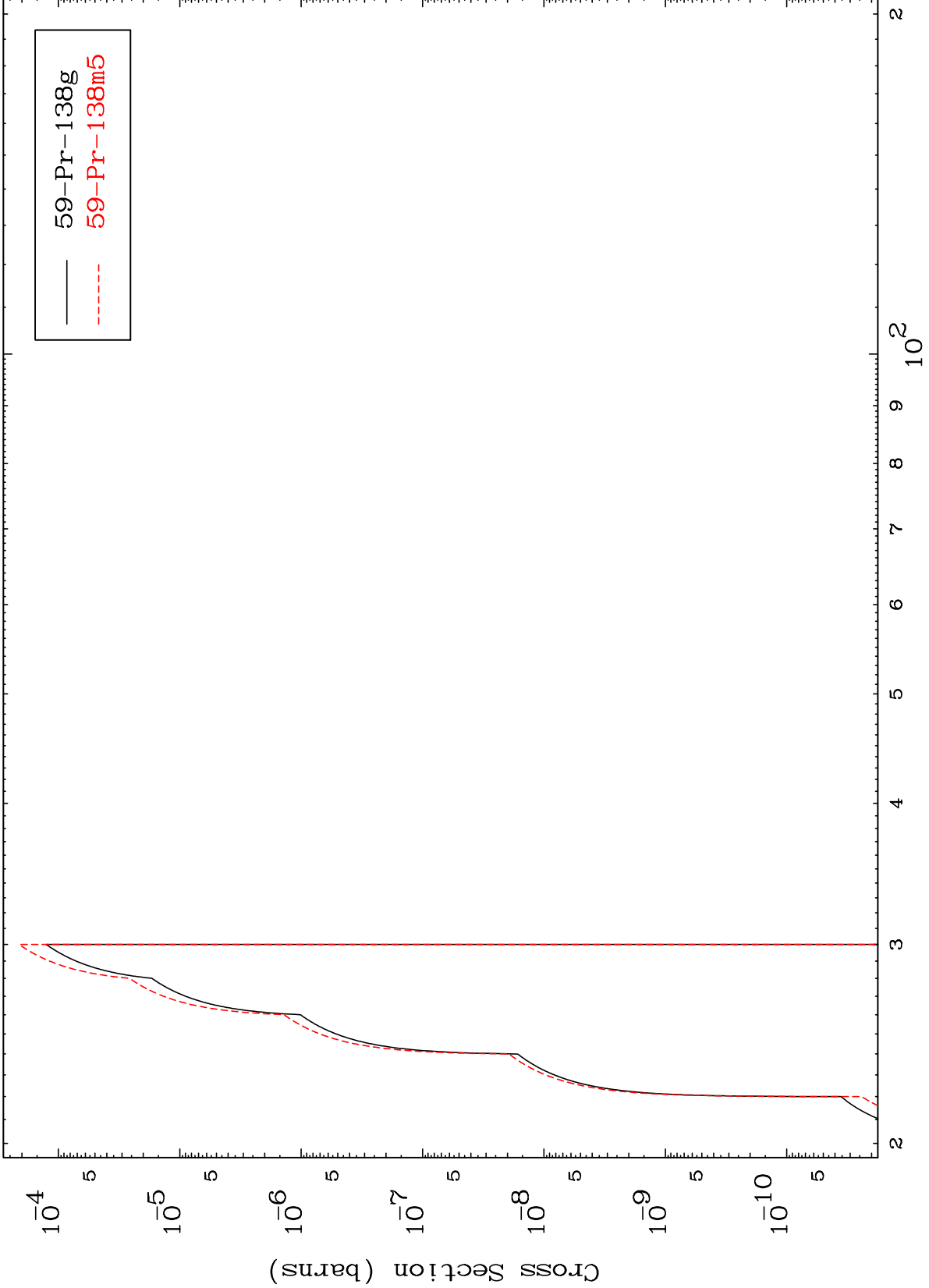
58-Ce-139m

MAT 5835

(n,3n) p

58-Ce-139m

Radionuclide Production Cross Section



59-Pr-138g
59-Pr-138m5

19

Incident Energy (MeV)

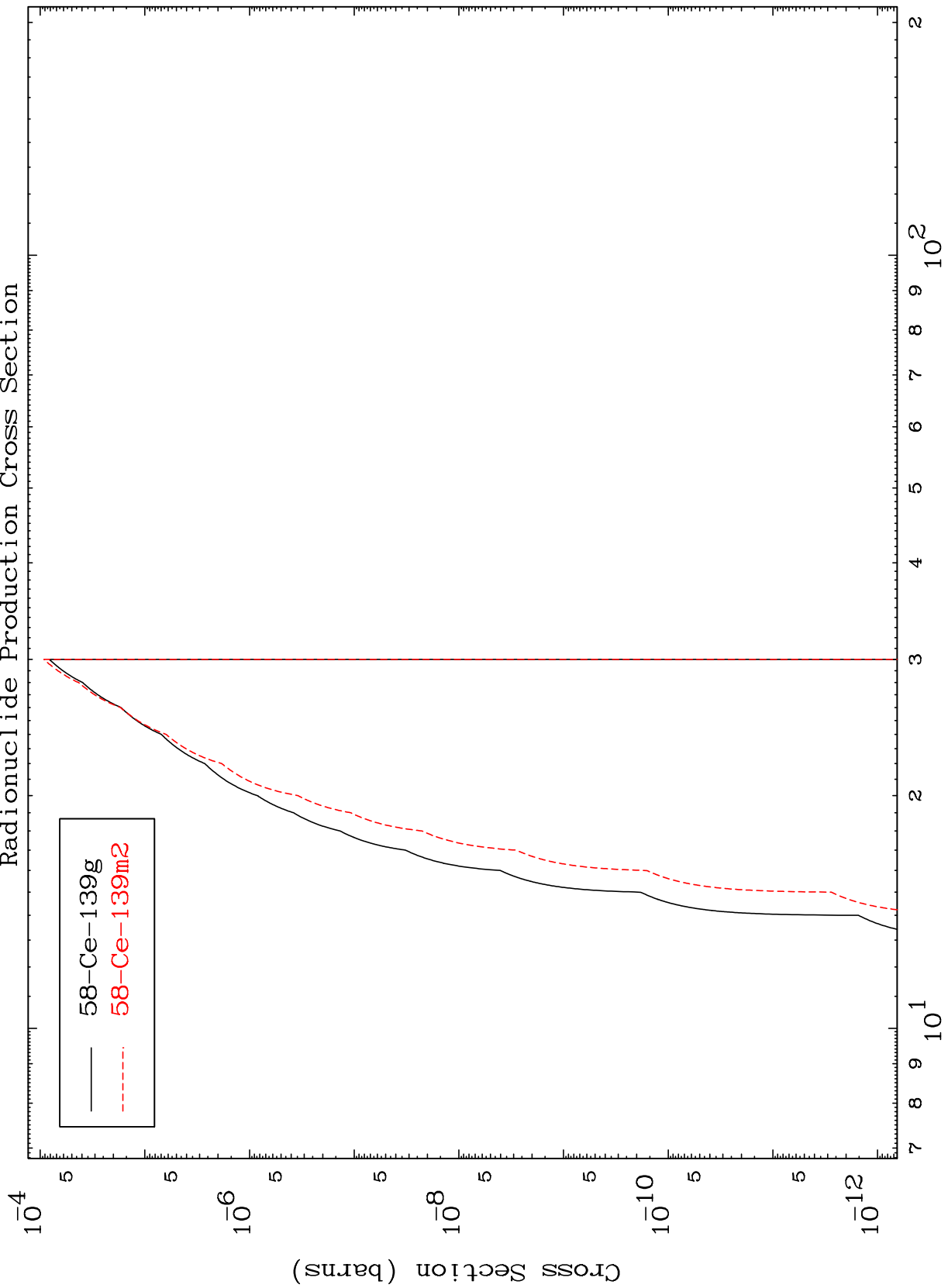
58-Ce-139m

MAT 5835

(n,2n) p

58-Ce-139m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

58-Ce-139m

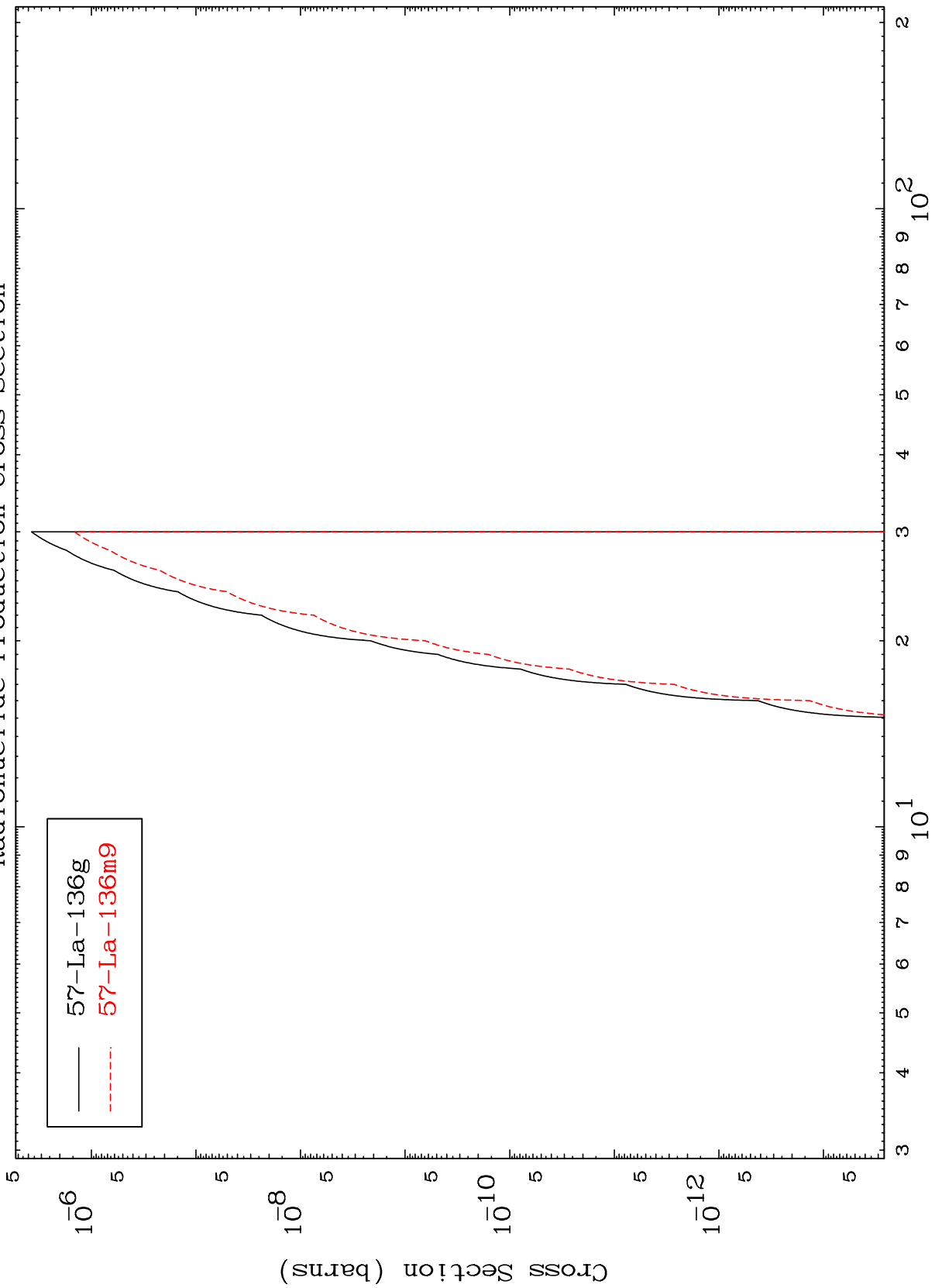
20

MAT 5835

(n,n') p α

58-Ce-139m

Radionuclide Production Cross Section

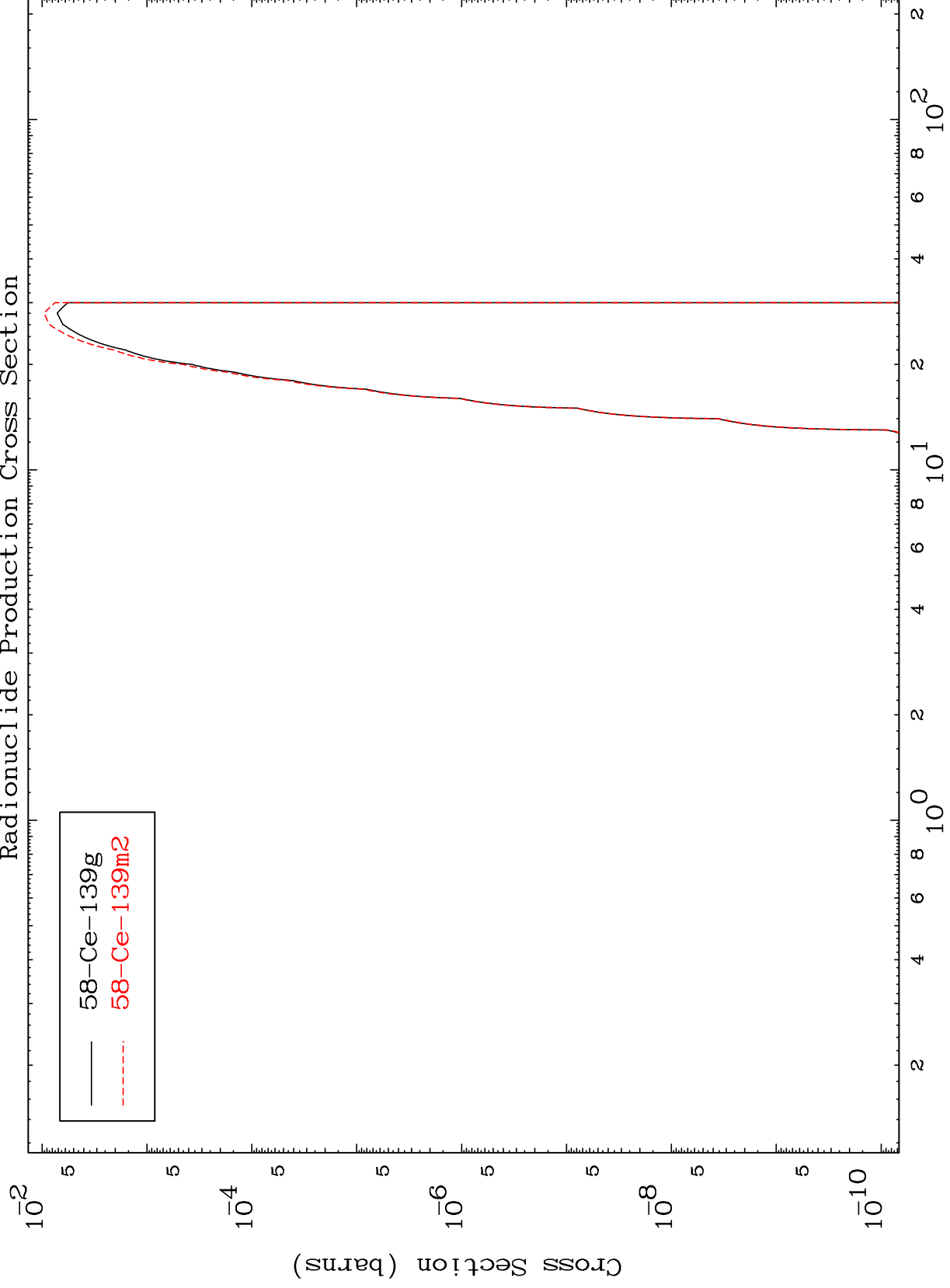


MAT 5835

(n,He-3)

58-Ce-139m

Radionuclide Production Cross Section

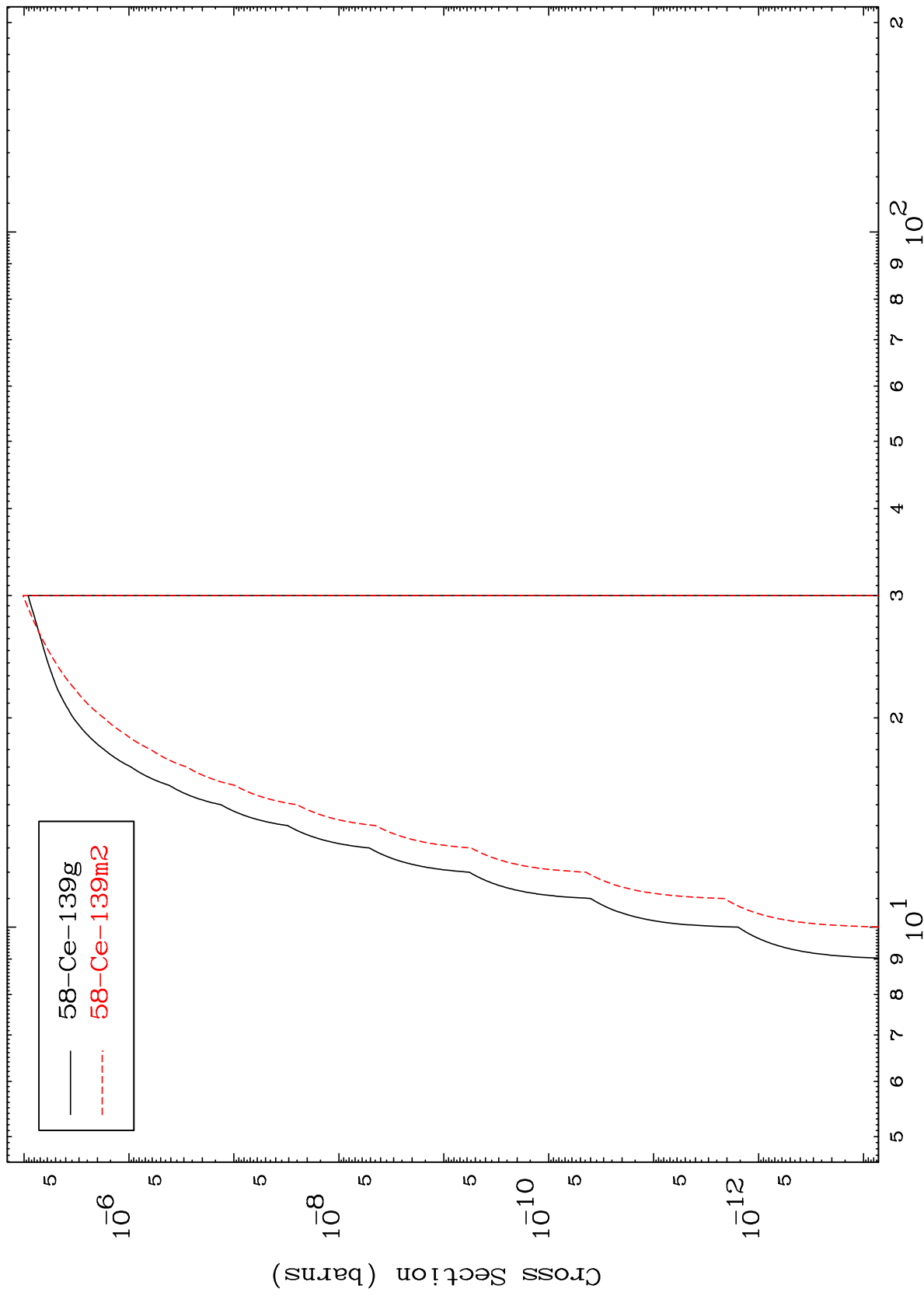


MAT 5835

(n,p) d

58-Ce-139m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

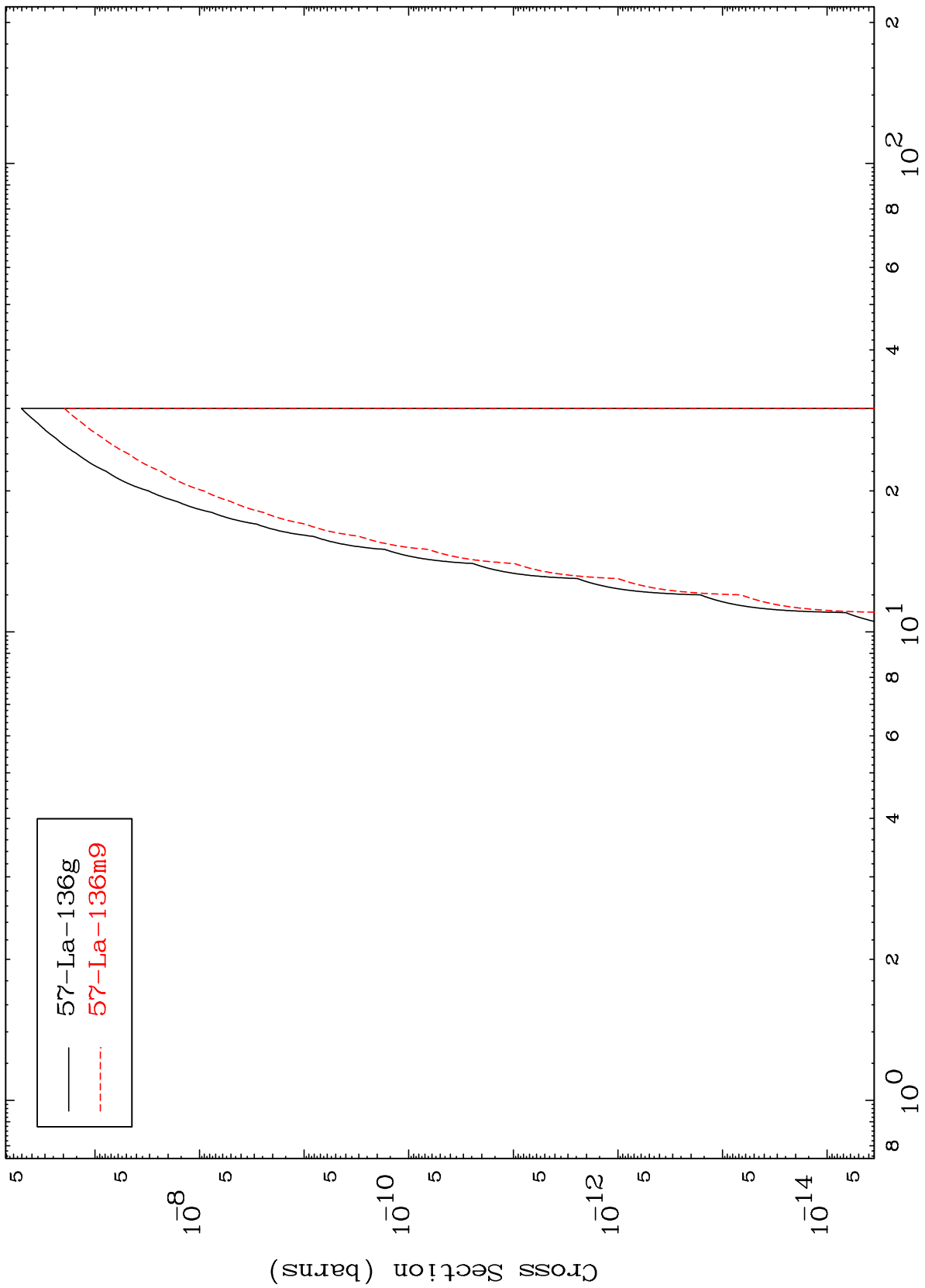
58-Ce-139m

MAT 5835

(n,d) α

58-Ce-139m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

58-Ce-139m