

Program EVALPLOT
(Version 2021-1)

by

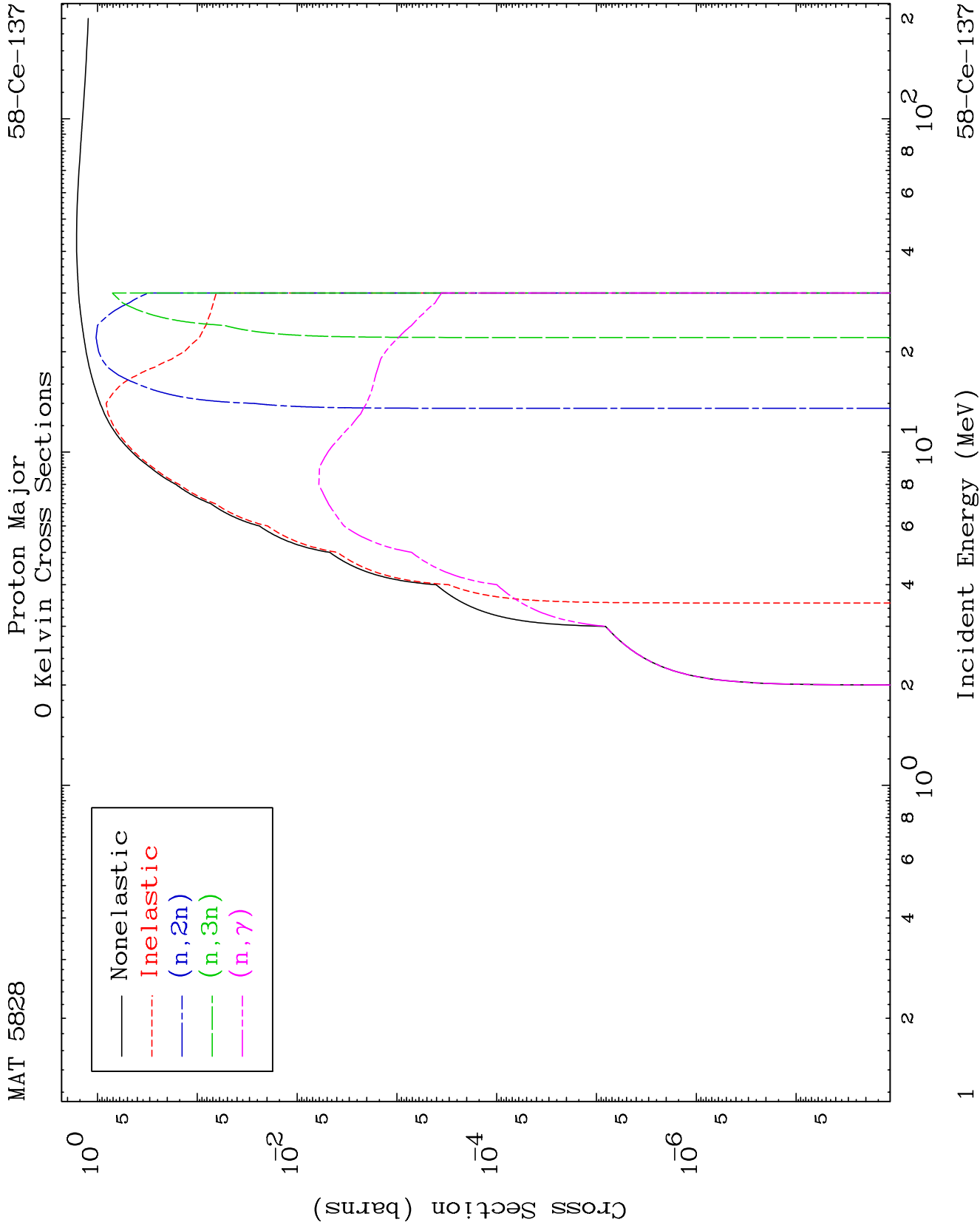
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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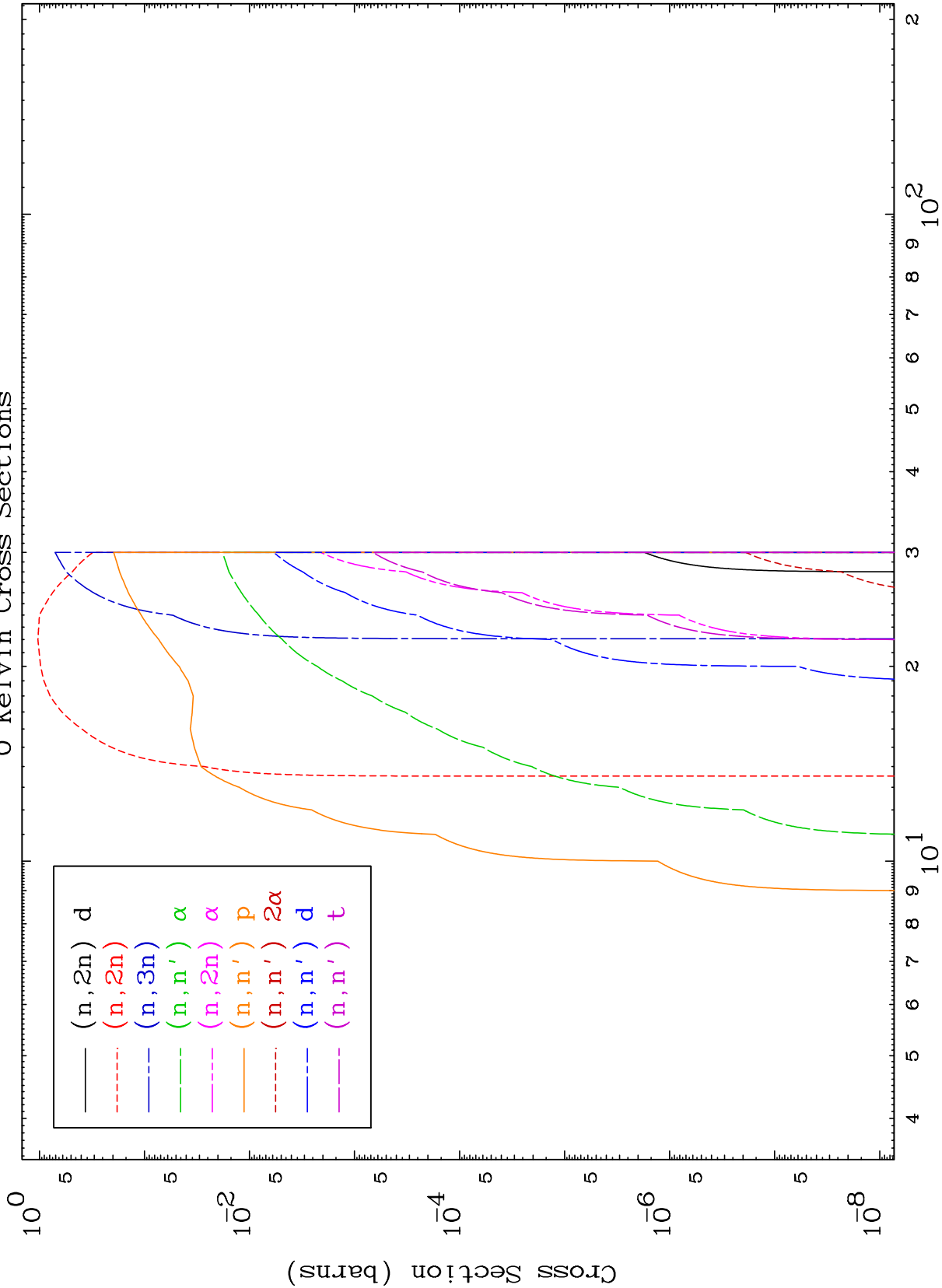
Press Mouse Button to Start



MAT 5828

Proton Neutron Absorption
0 Kelvin Cross Sections

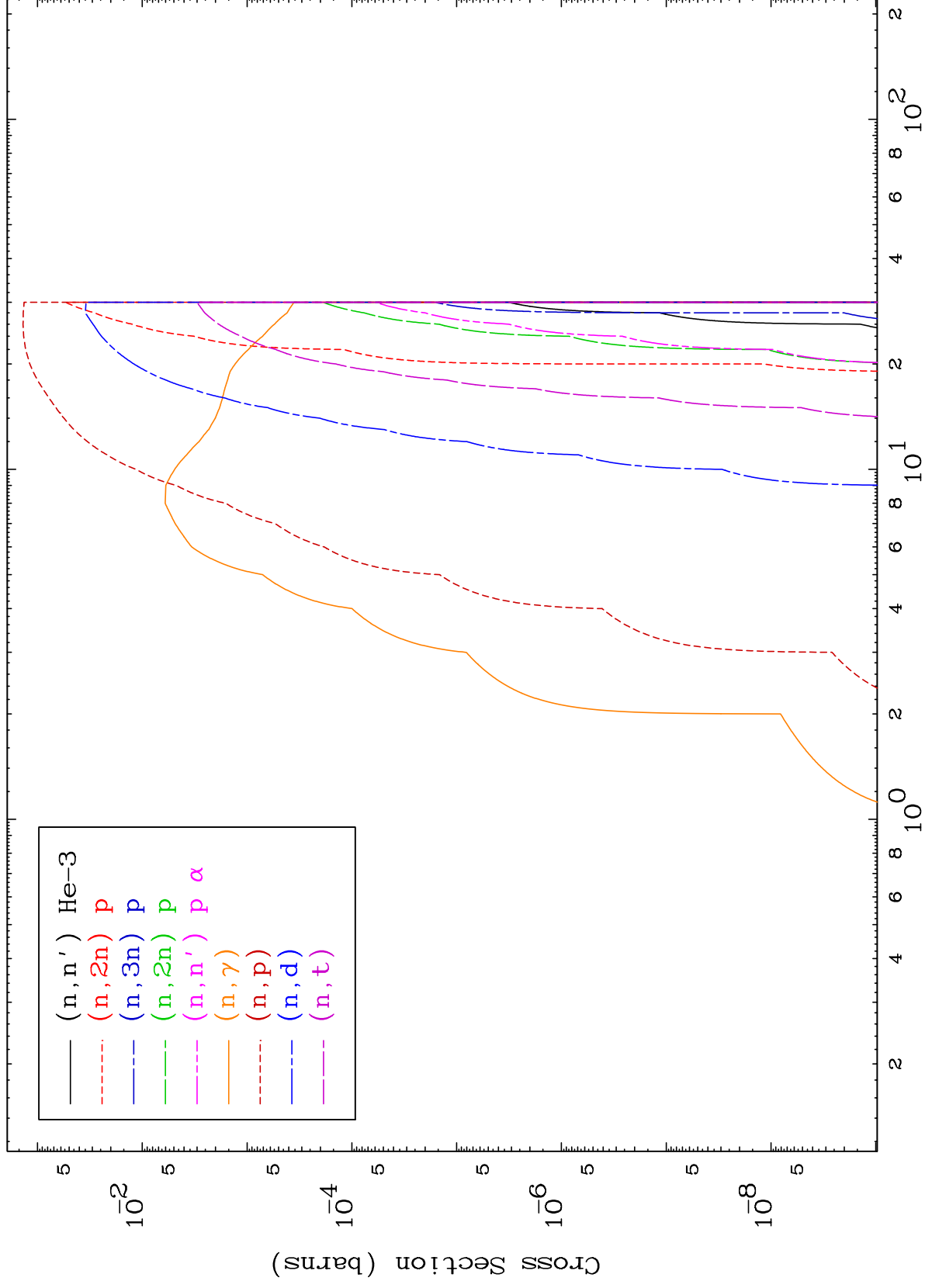
58-Ce-137

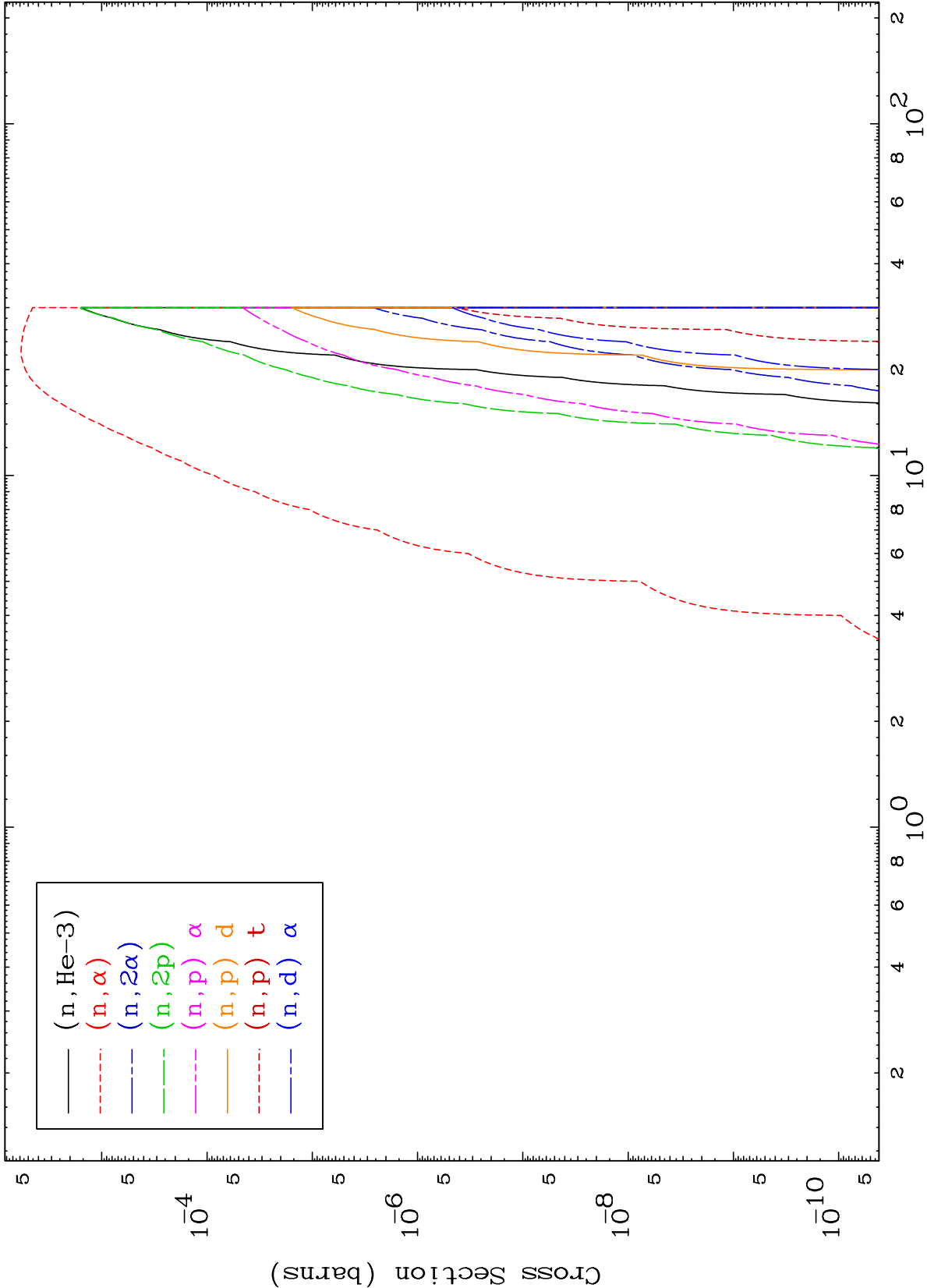


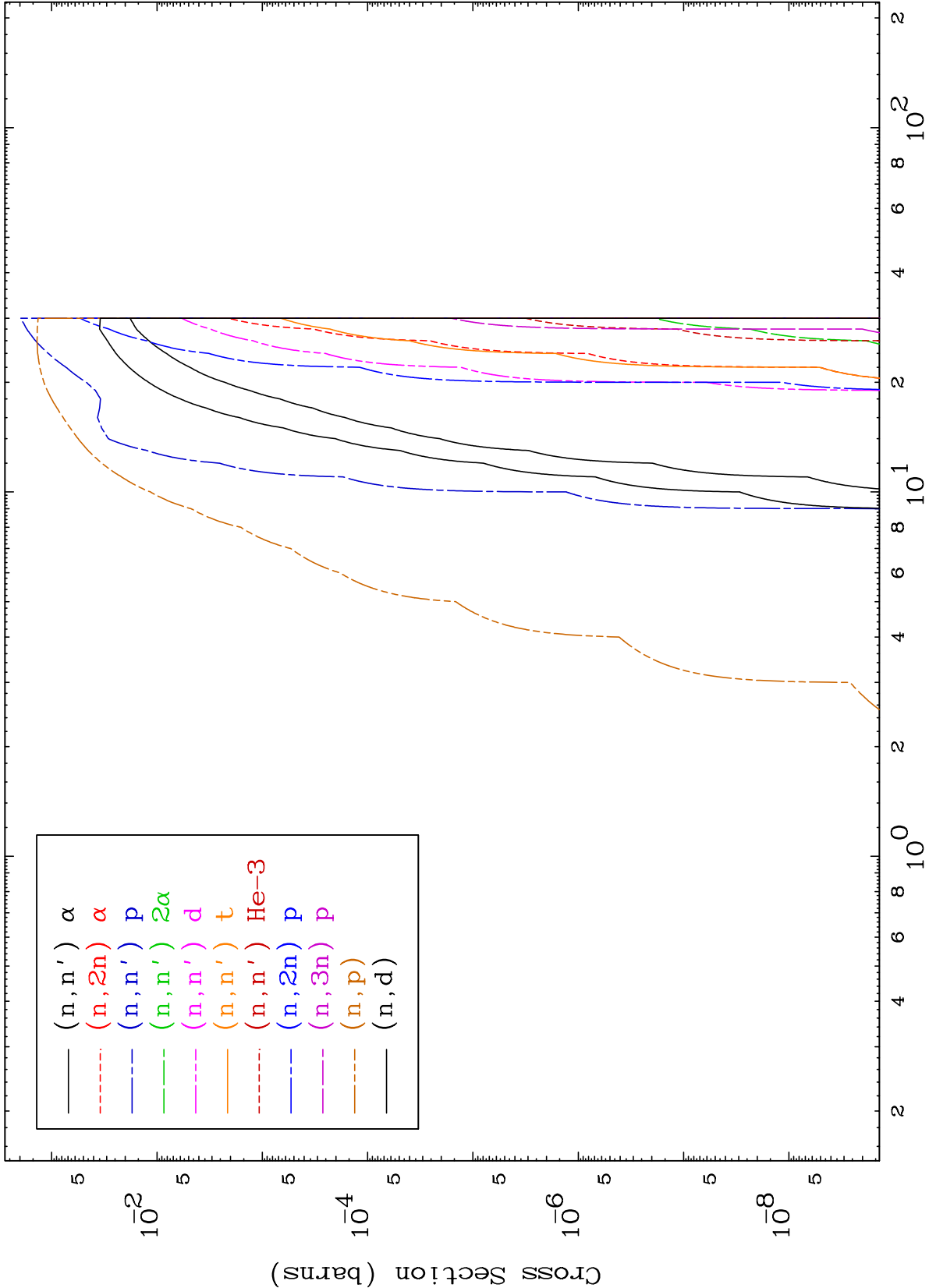
2

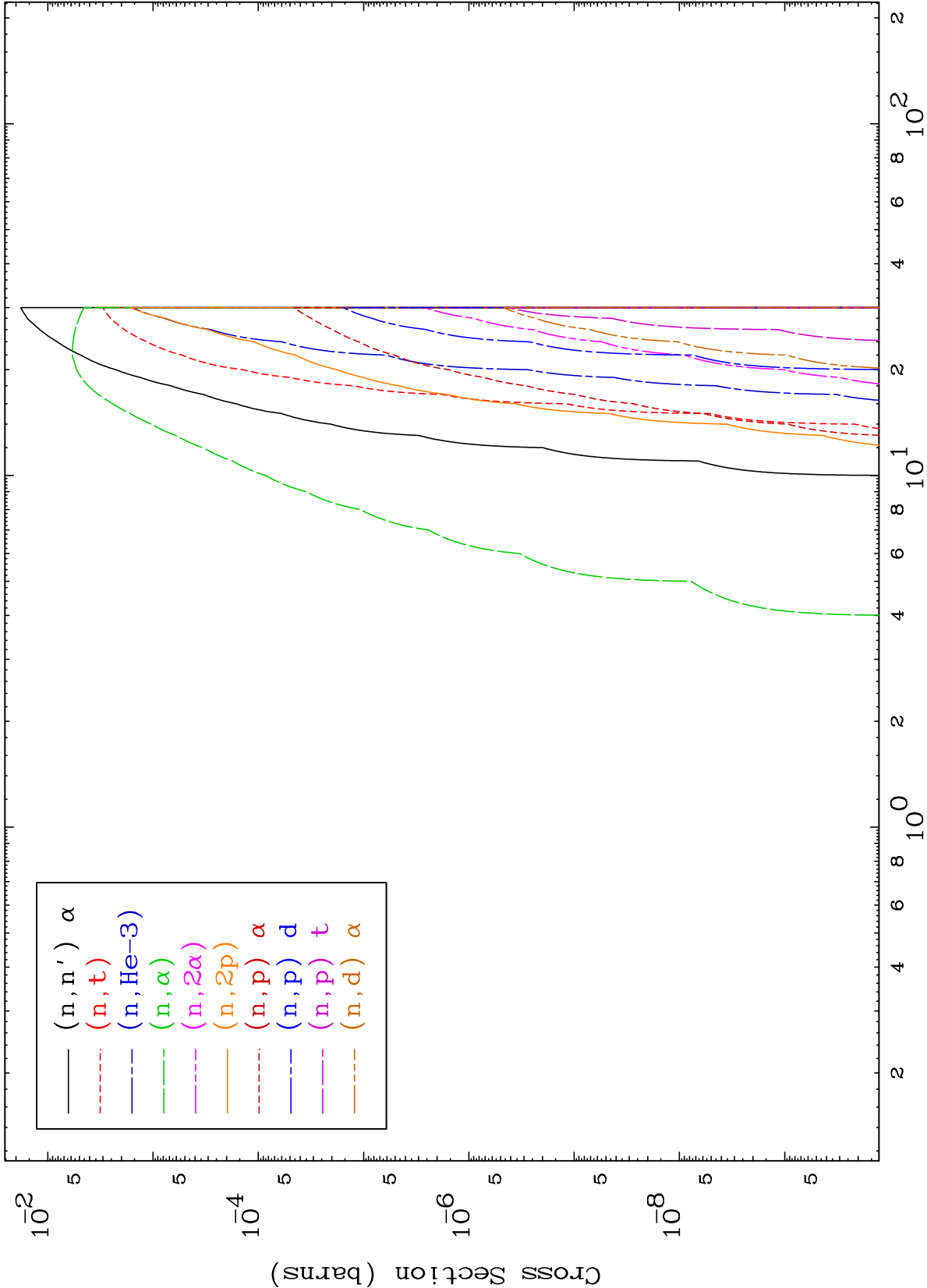
Incident Energy (MeV)

58-Ce-137





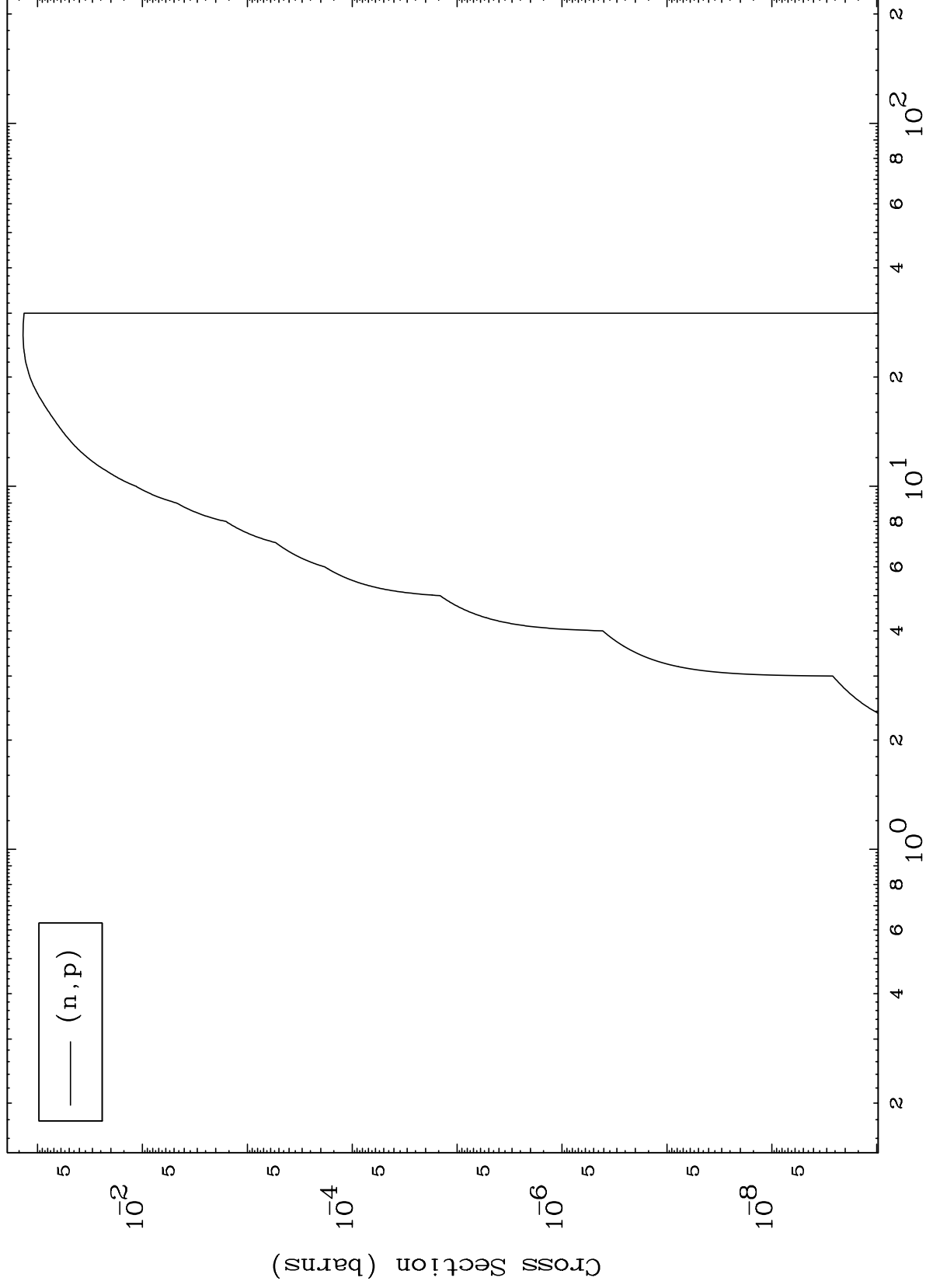




MAT 5828

58-Ce-137

(p,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

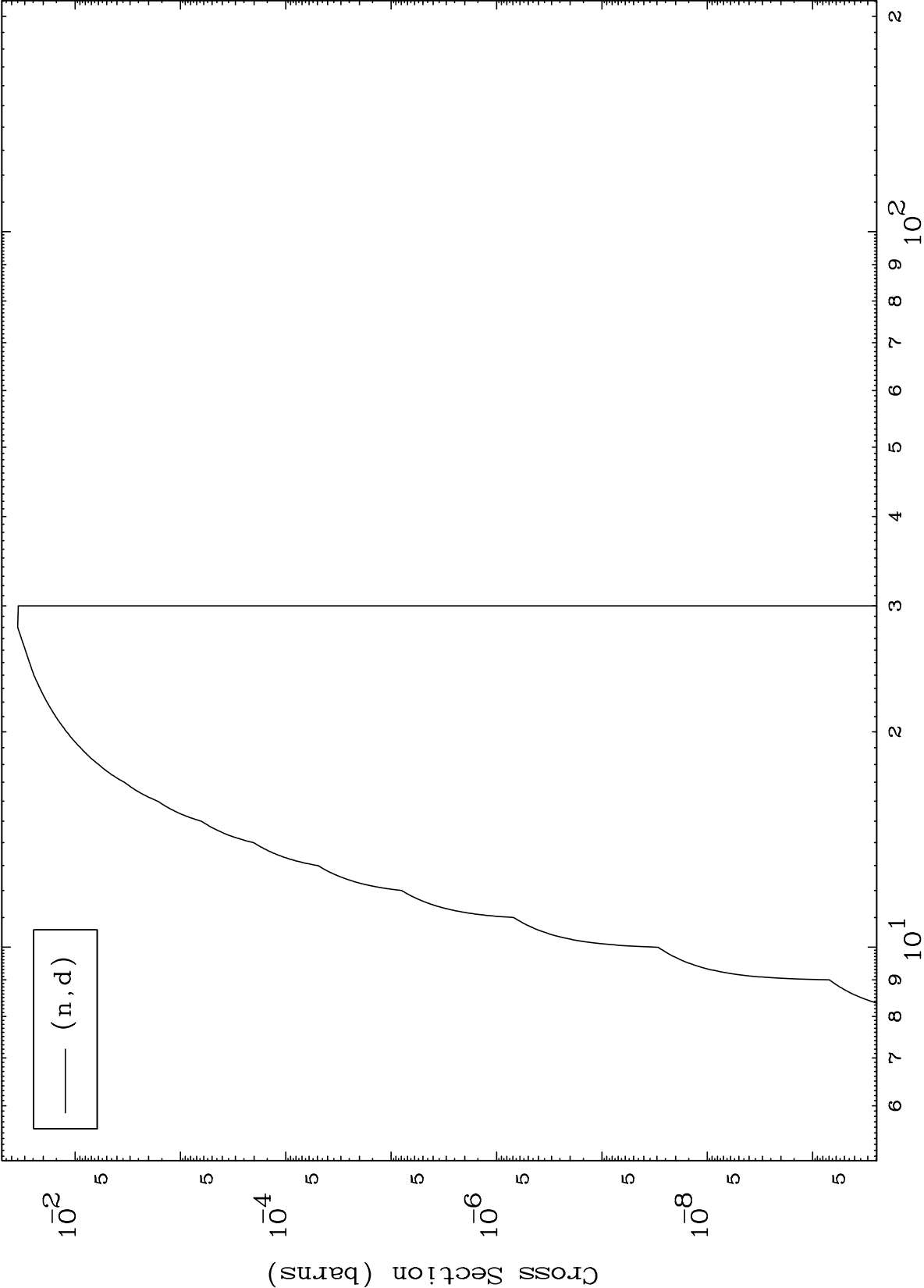
58-Ce-137

MAT 5828

(p,d) Levels

58-Ce-137

0 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-137

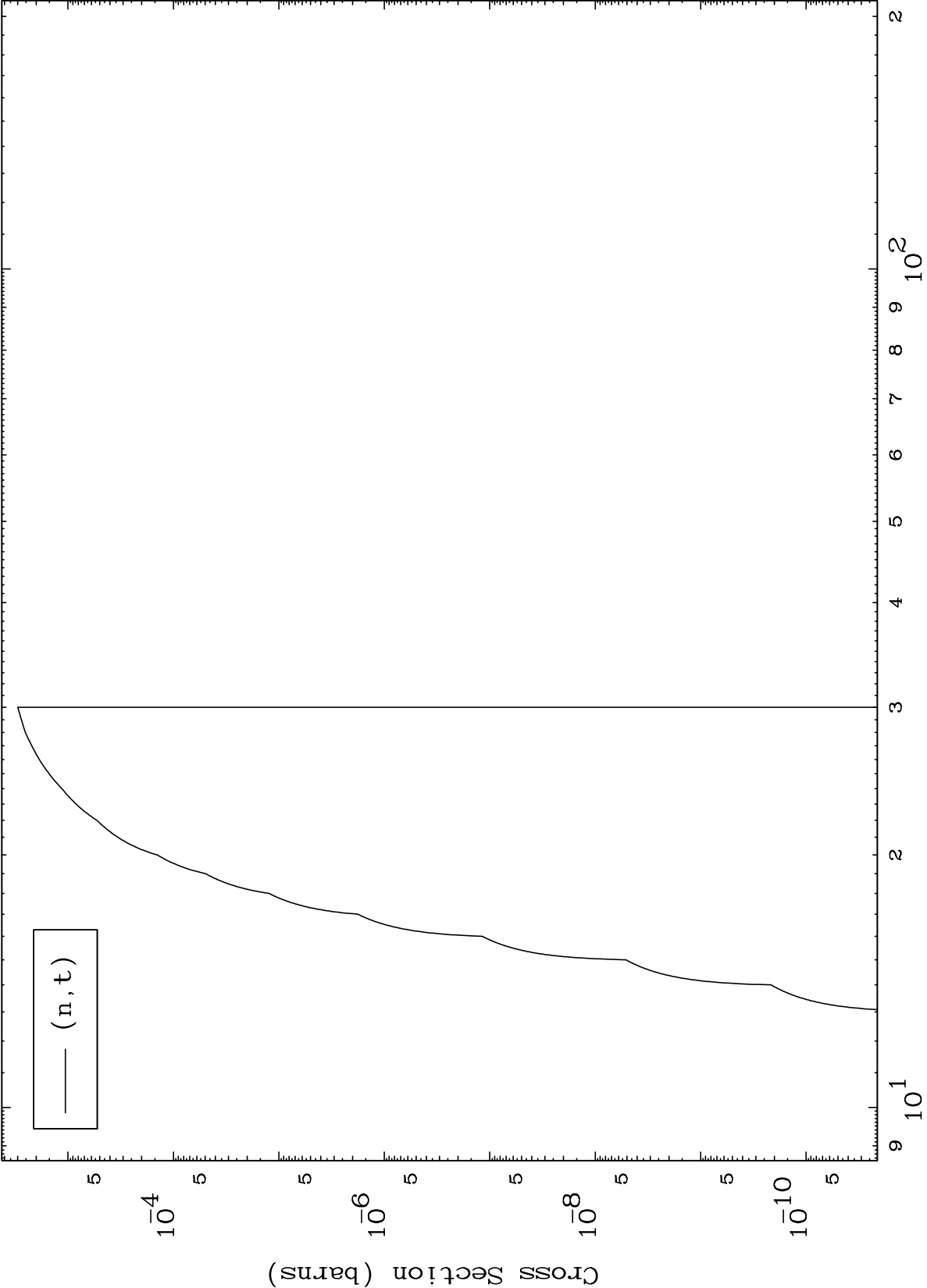
8

MAT 5828

(p,t) Levels

58-Ce-137

0 Kelvin Cross Sections



9

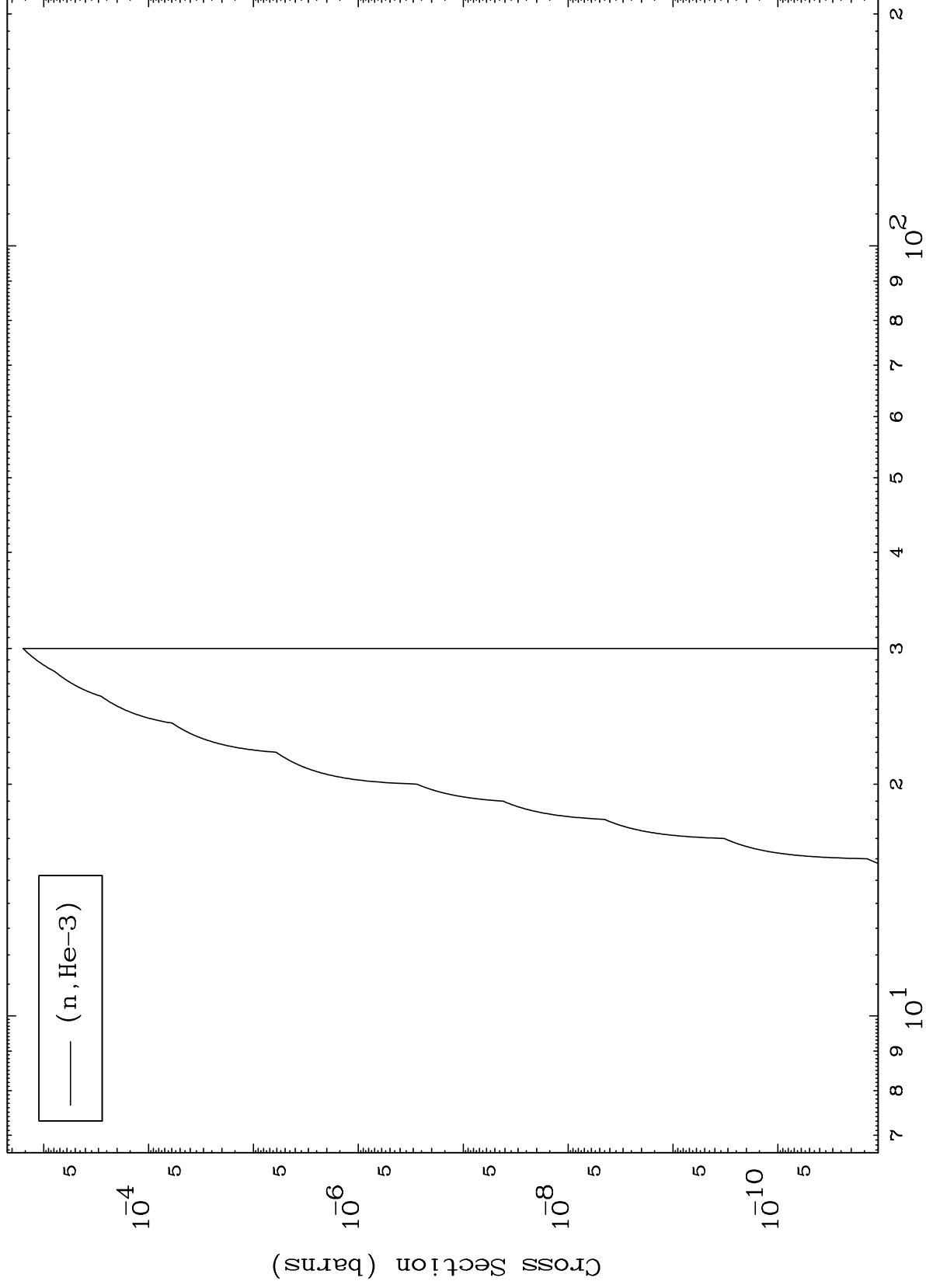
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(p,He3) Levels
0 Kelvin Cross Sections



58-Ce-137

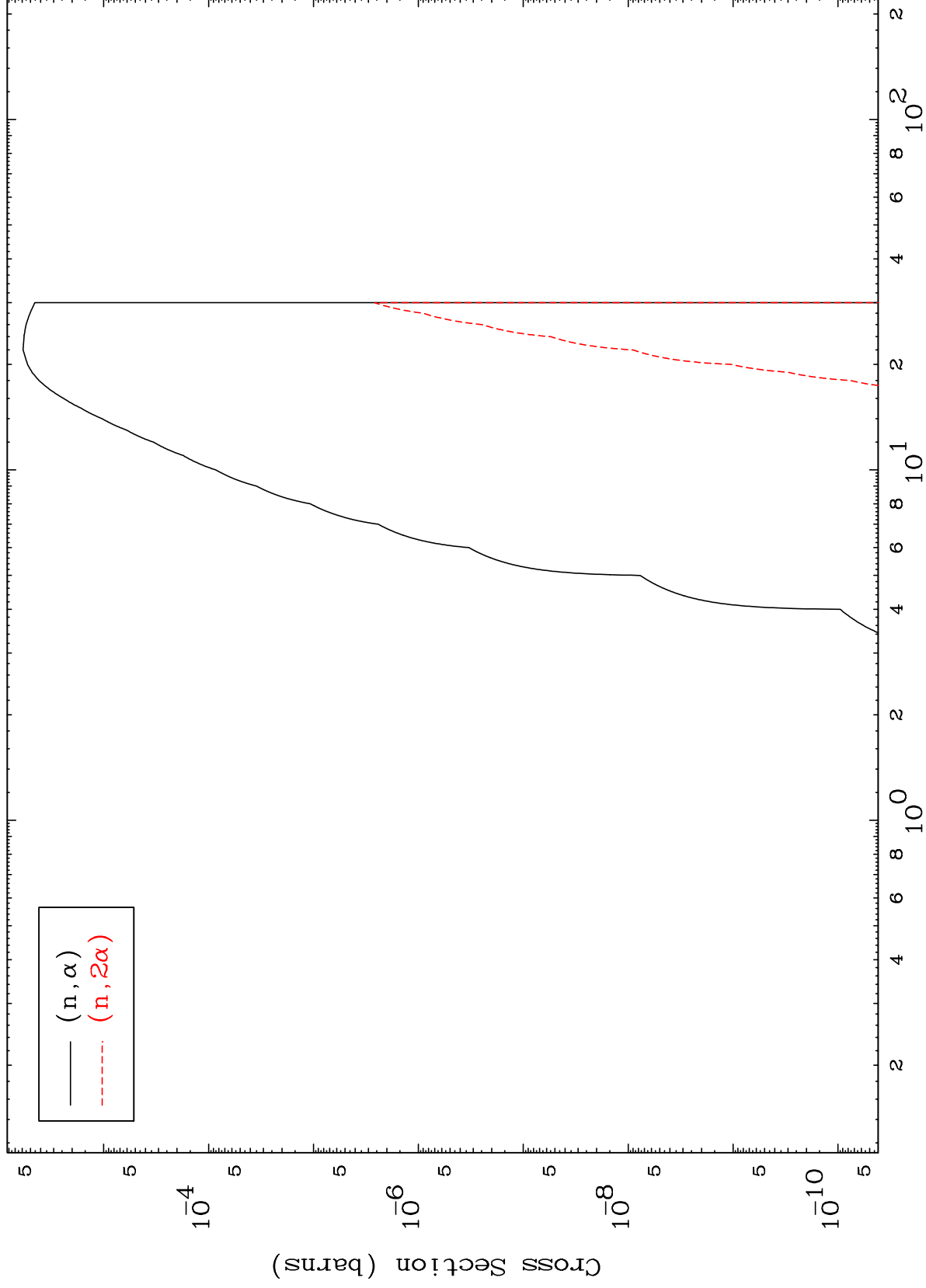
Incident Energy (MeV)

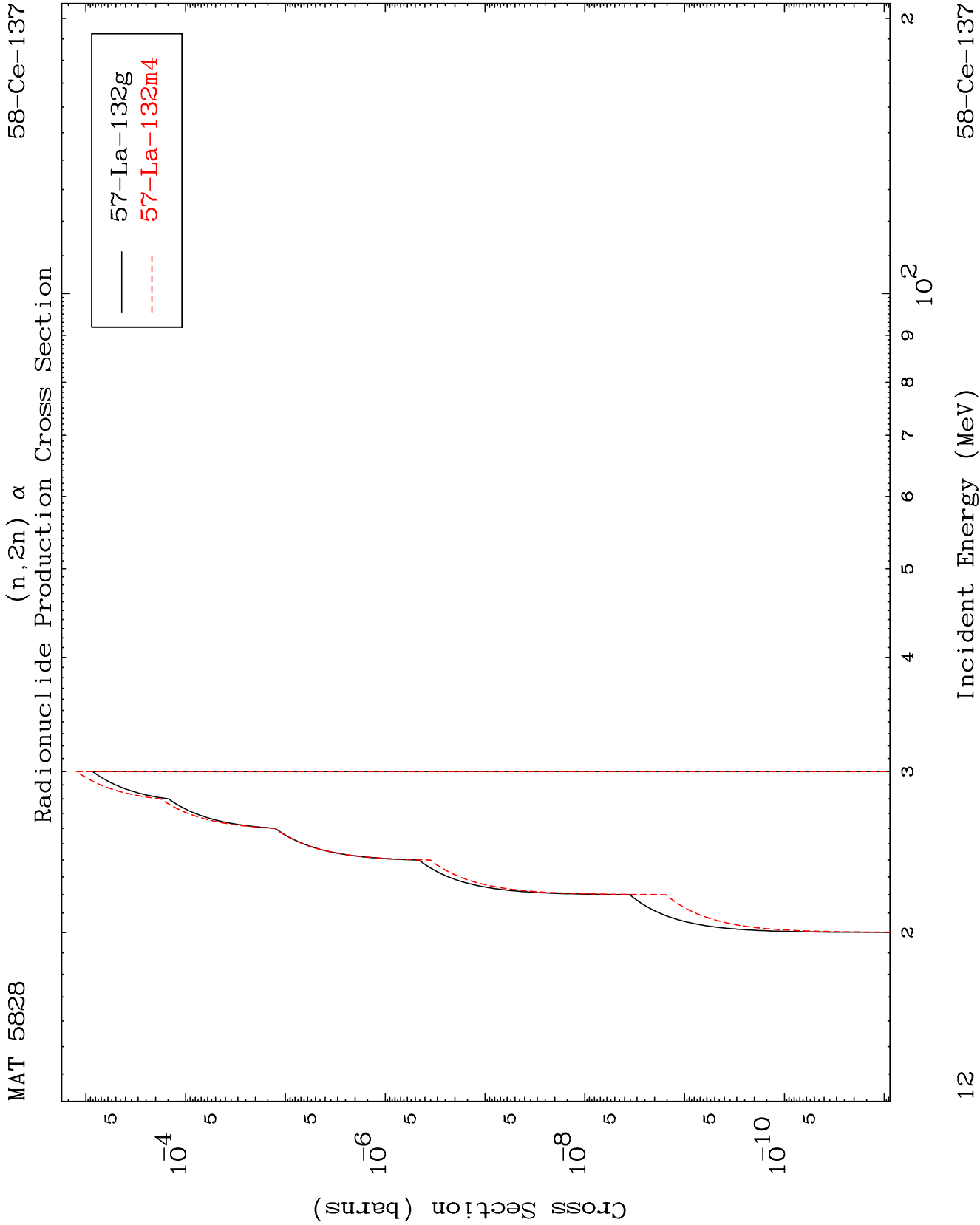
MAT 5828

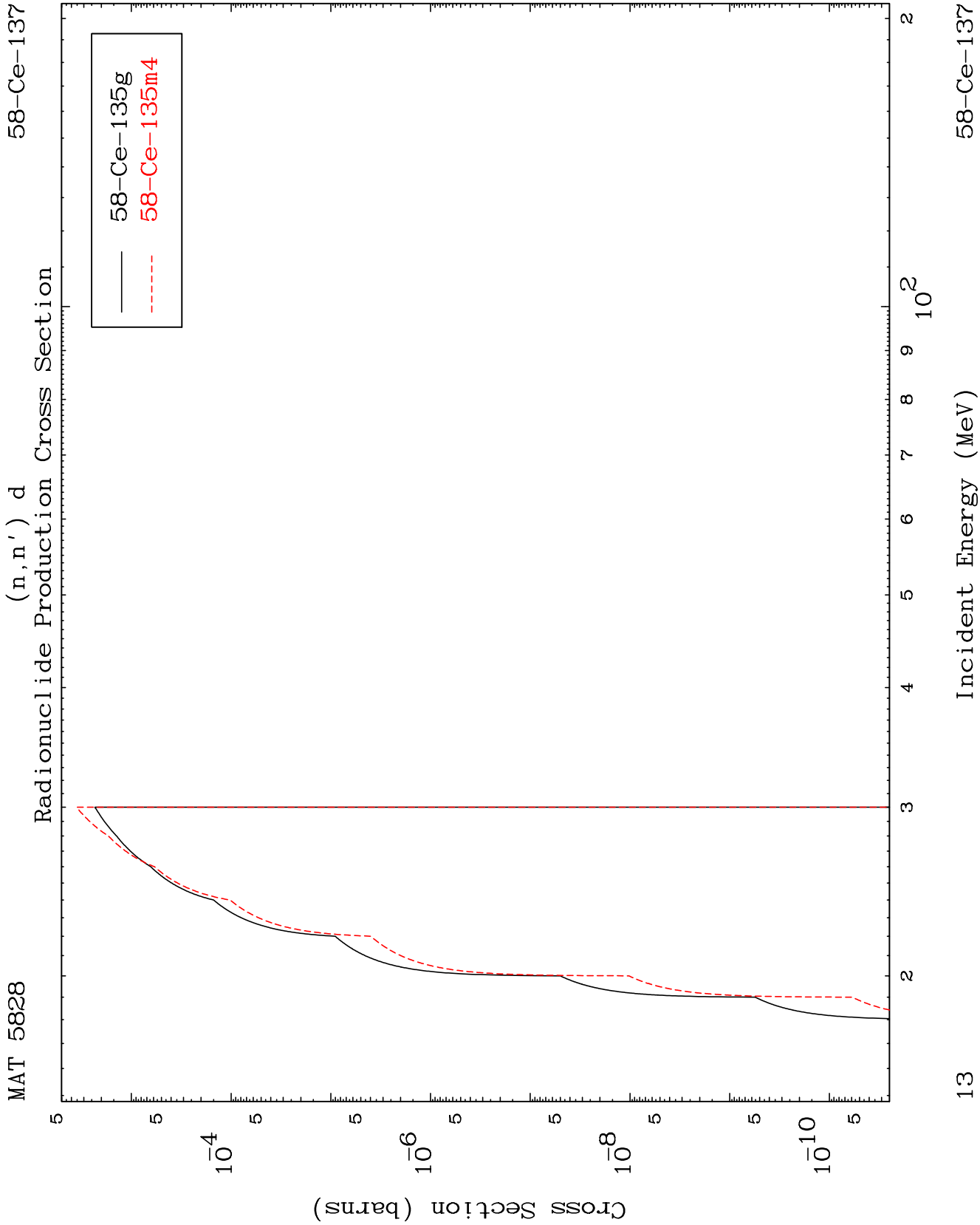
(p, α) Levels

58-Ce-137

0 Kelvin Cross Sections





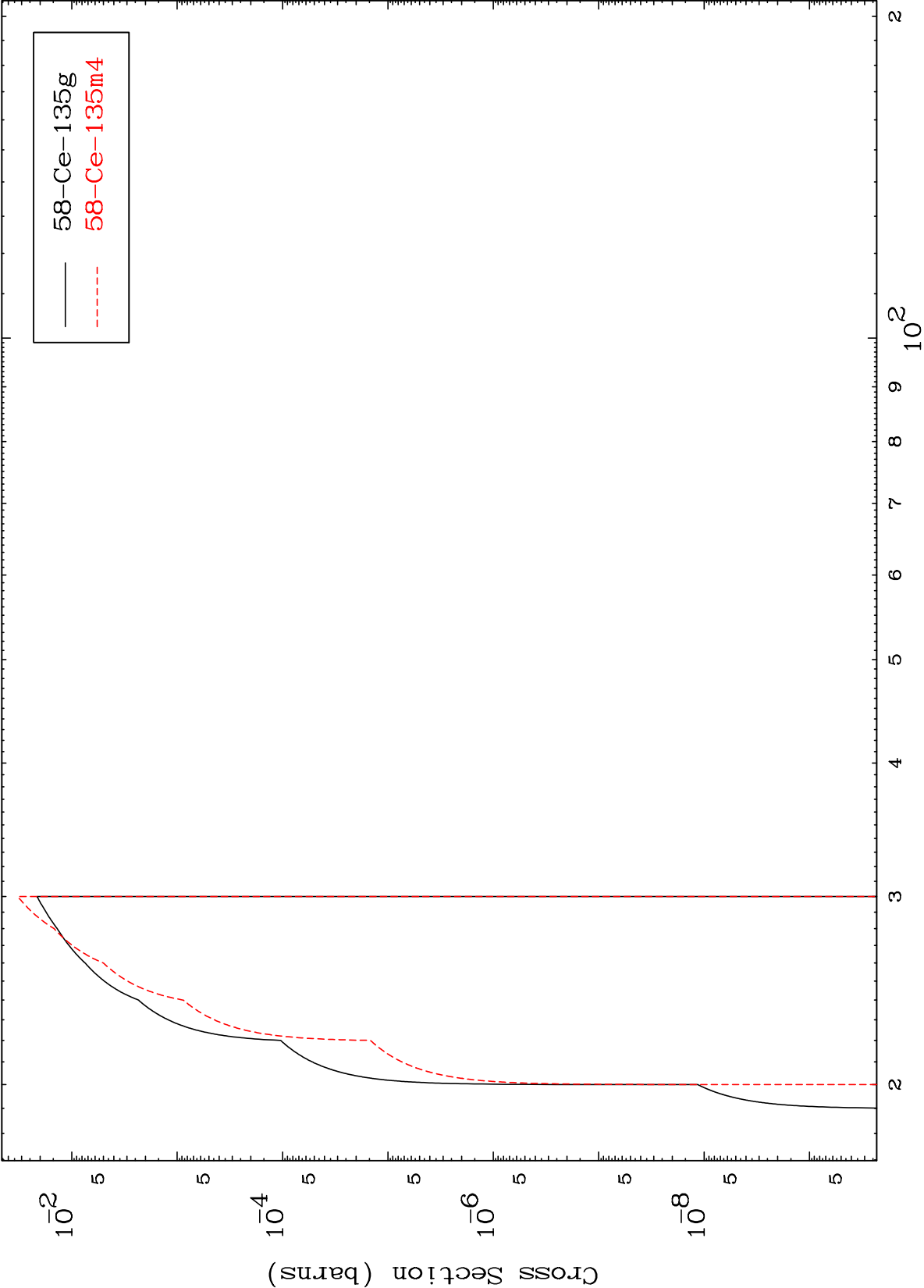


MAT 5828

(n,2n) p

58-Ce-137

Radionuclide Production Cross Section



14

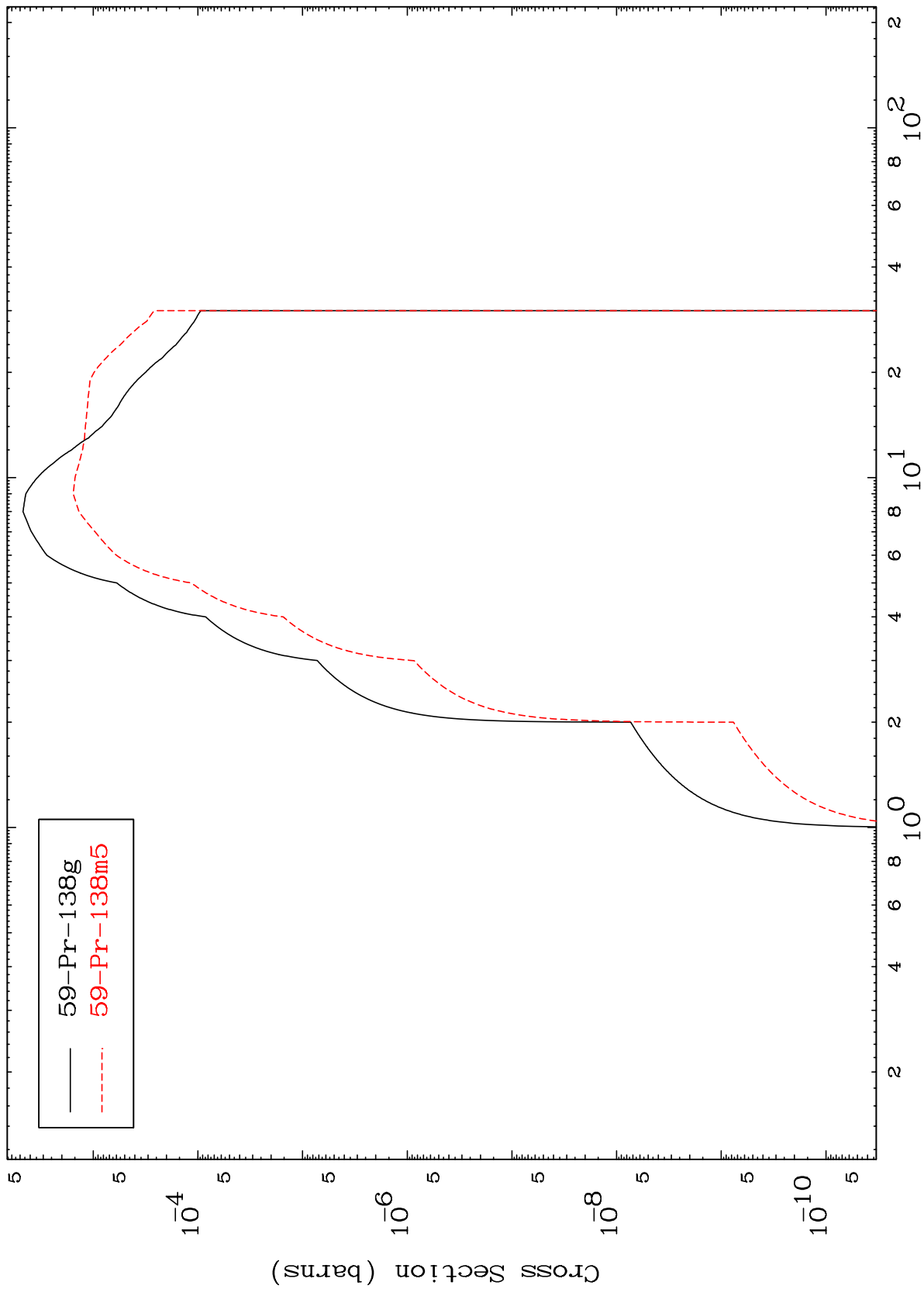
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

Radionuclide Production Cross Section
(n, γ)



15

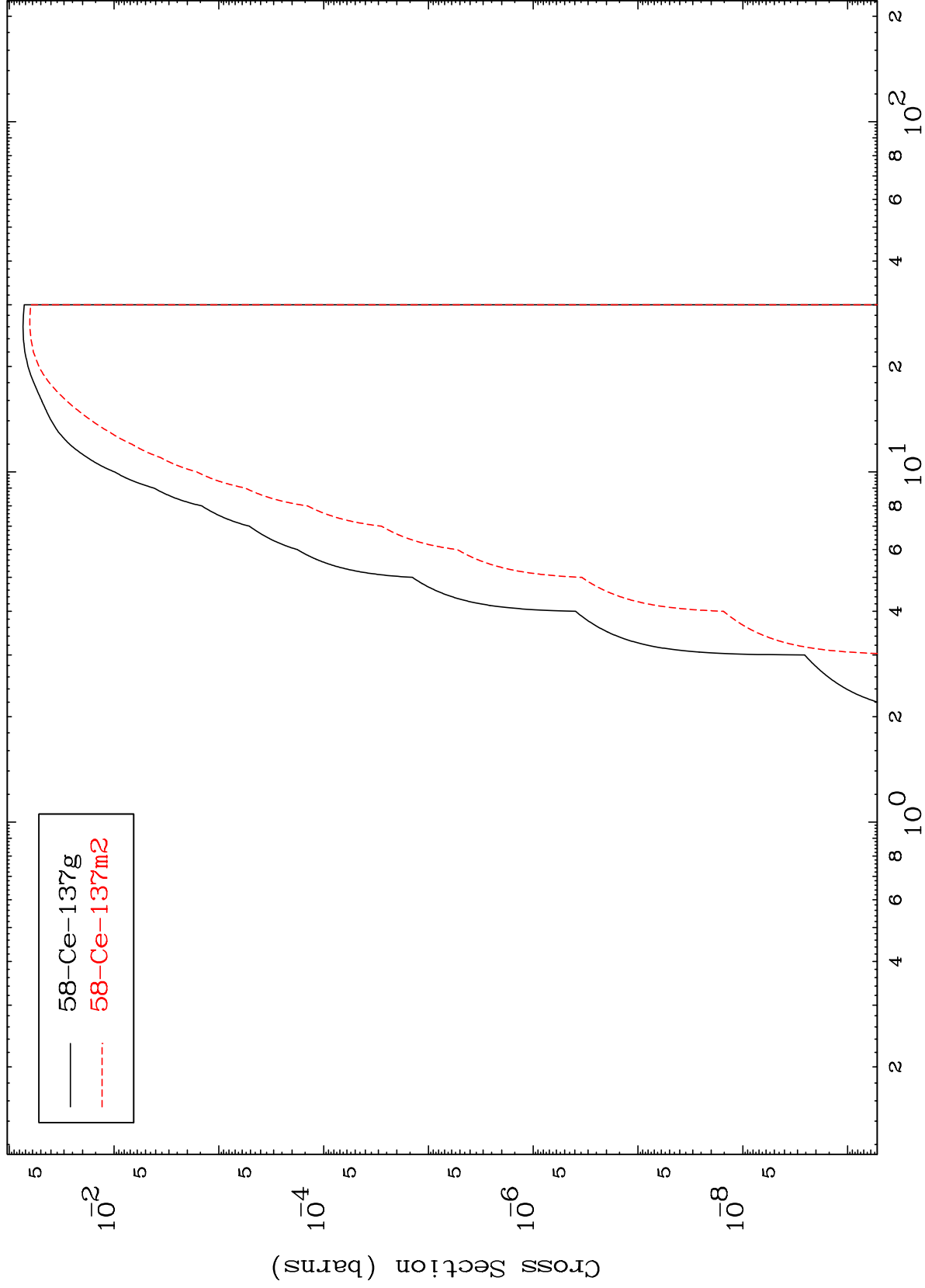
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

Radionuclide Production Cross Section
(n,p)



58-Ce-137

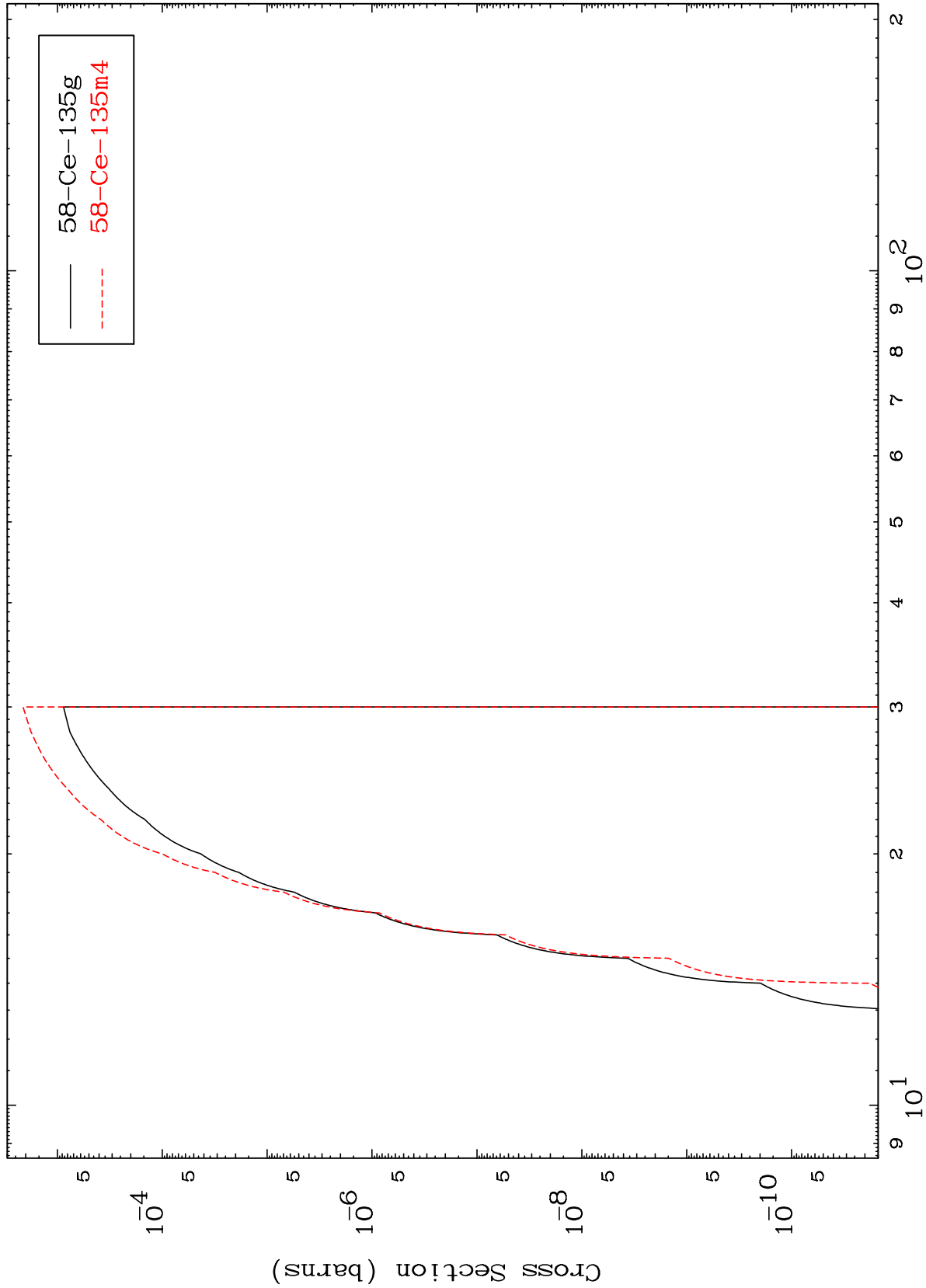
Incident Energy (MeV)

16

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58-Ce-137

(n,t)
Radionuclide Production Cross Section



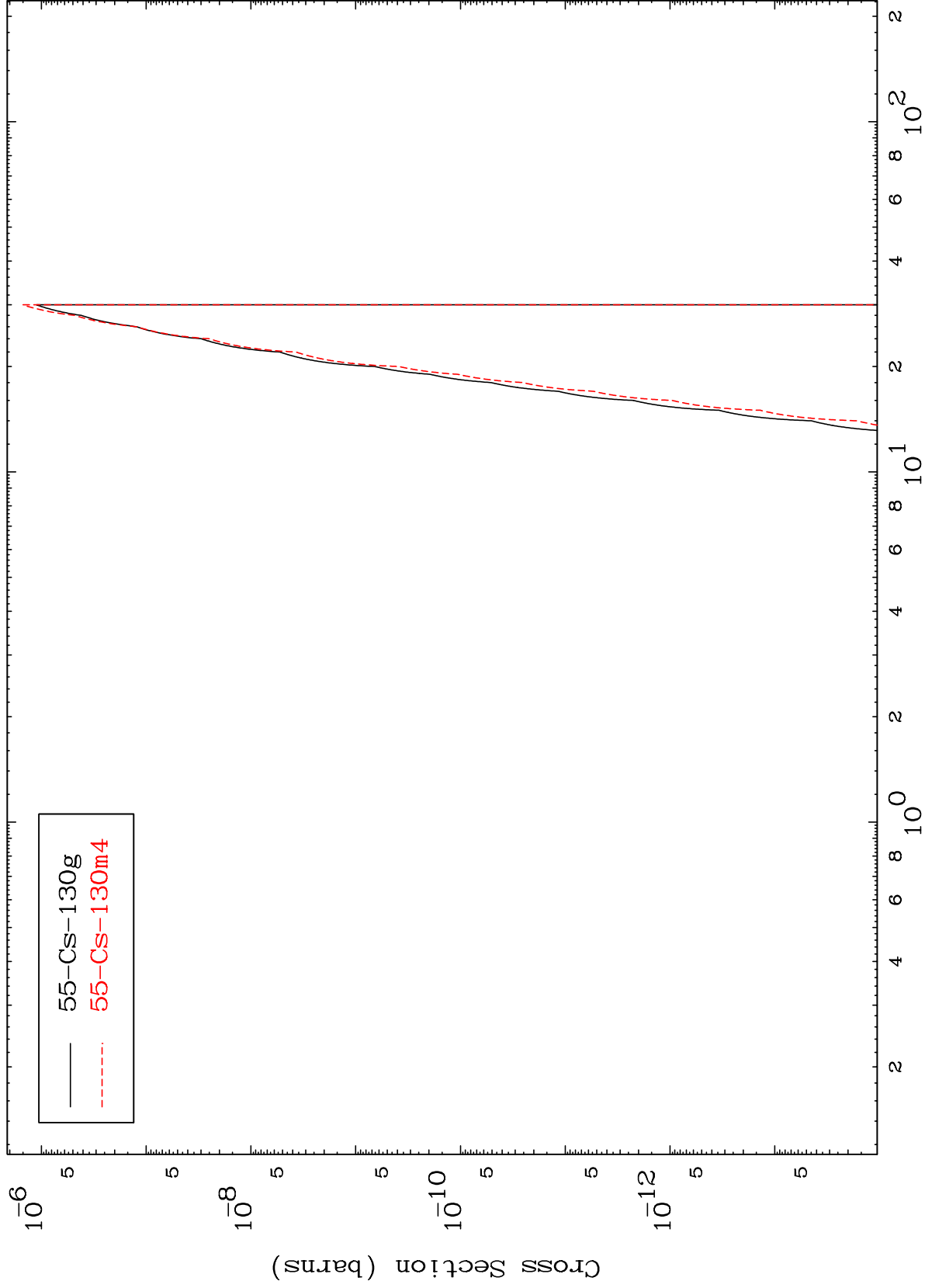
58-Ce-137

Incident Energy (MeV)

MAT 5828

58-Ce-137

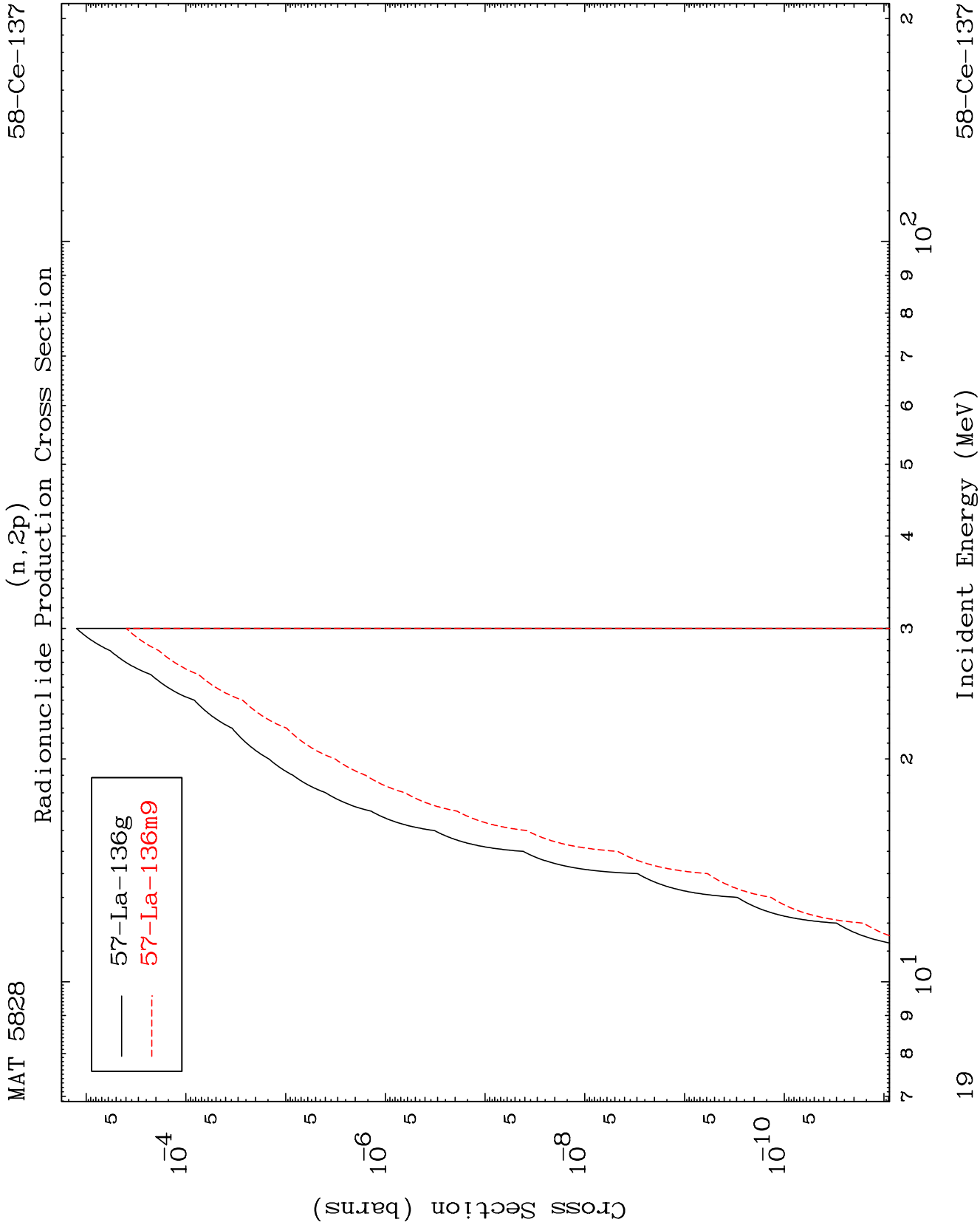
Radionuclide Production Cross Section
(n,2α)



18

Incident Energy (MeV)

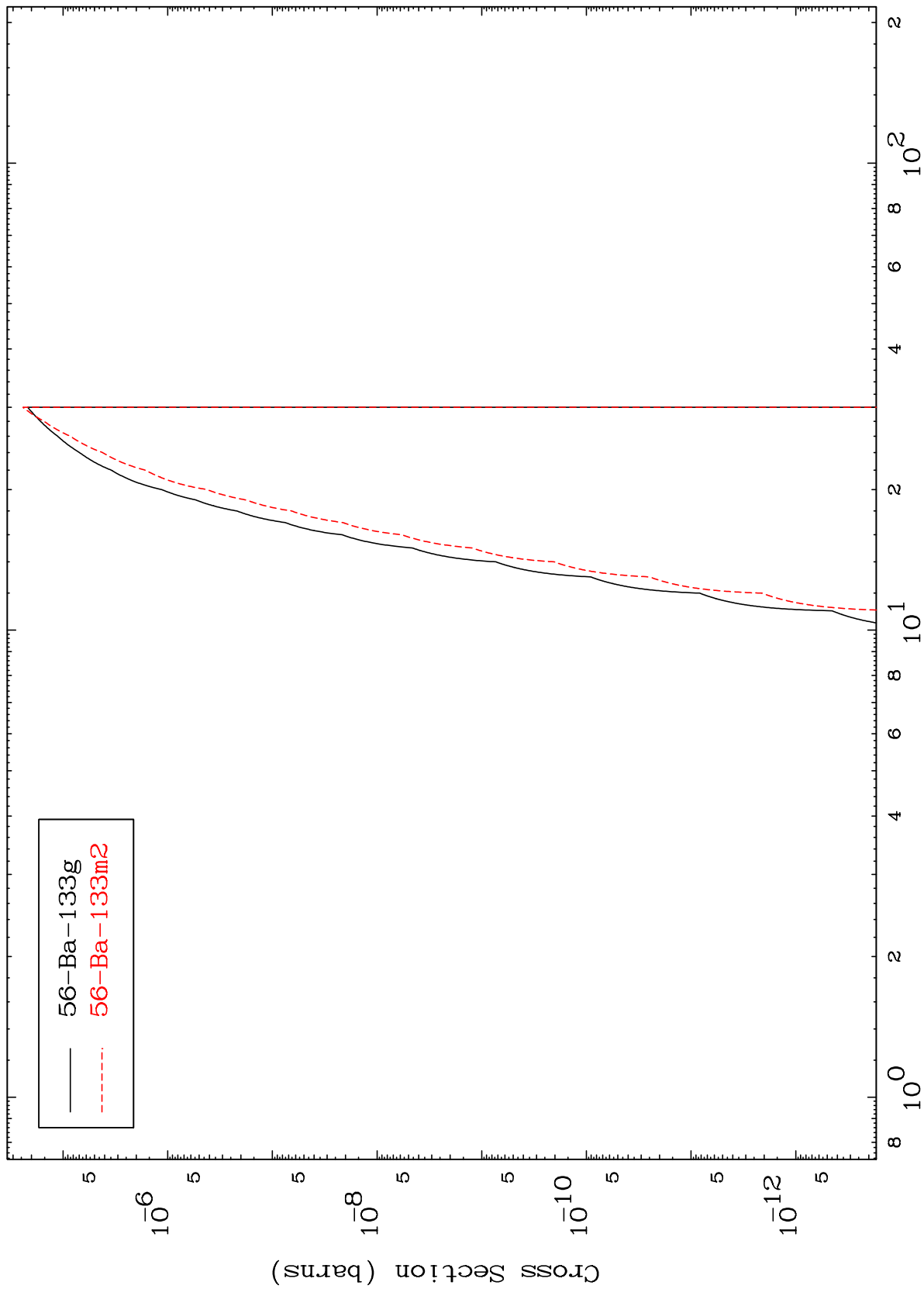
58-Ce-137



MAT 5828

58-Ce-137

(n,p) α
Radionuclide Production Cross Section



58-Ce-137

Incident Energy (MeV)

20