

Program EVALPLOT  
(Version 2021-1)

by

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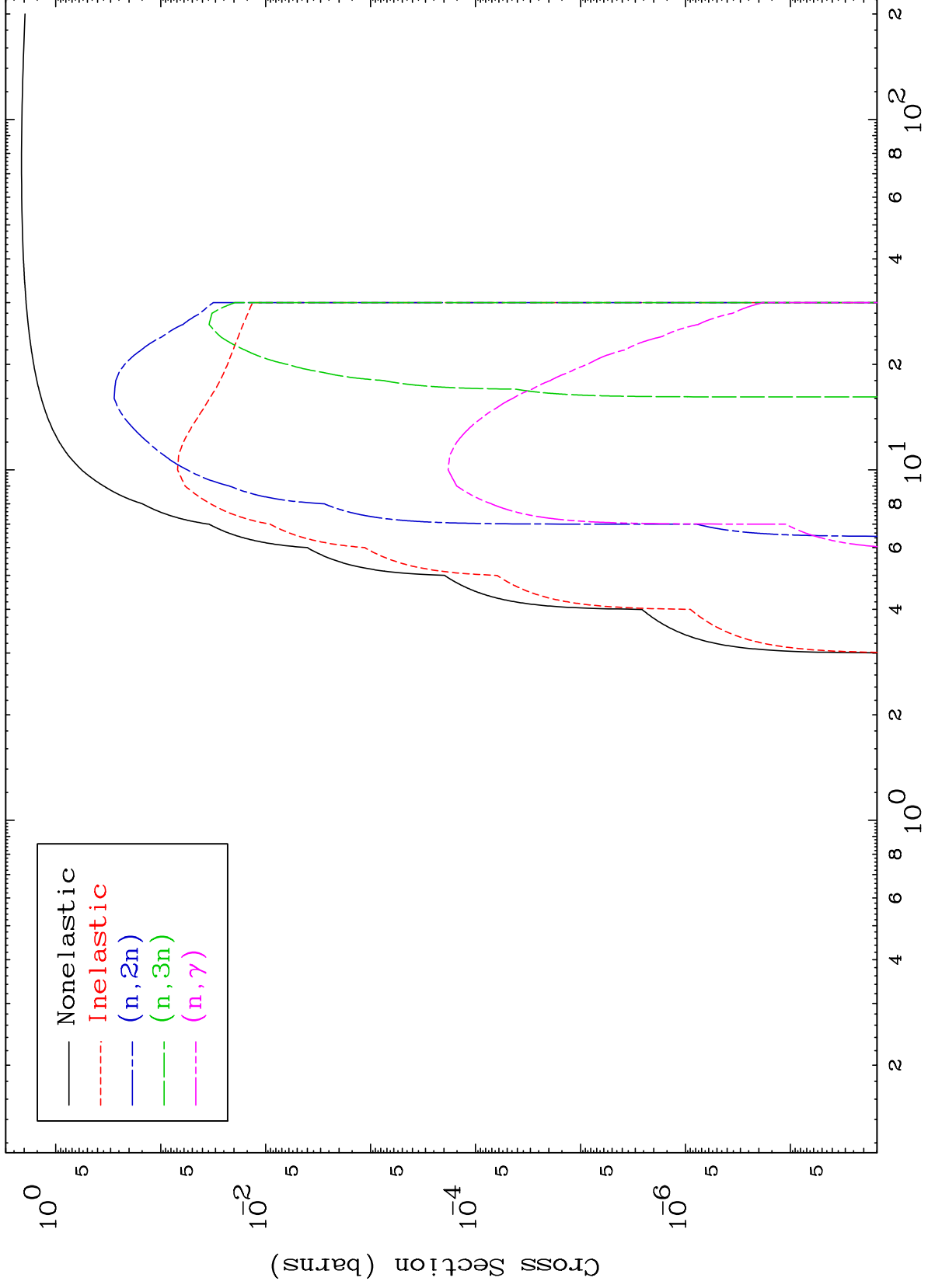
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5804

Triton Major  
0 Kelvin Cross Sections

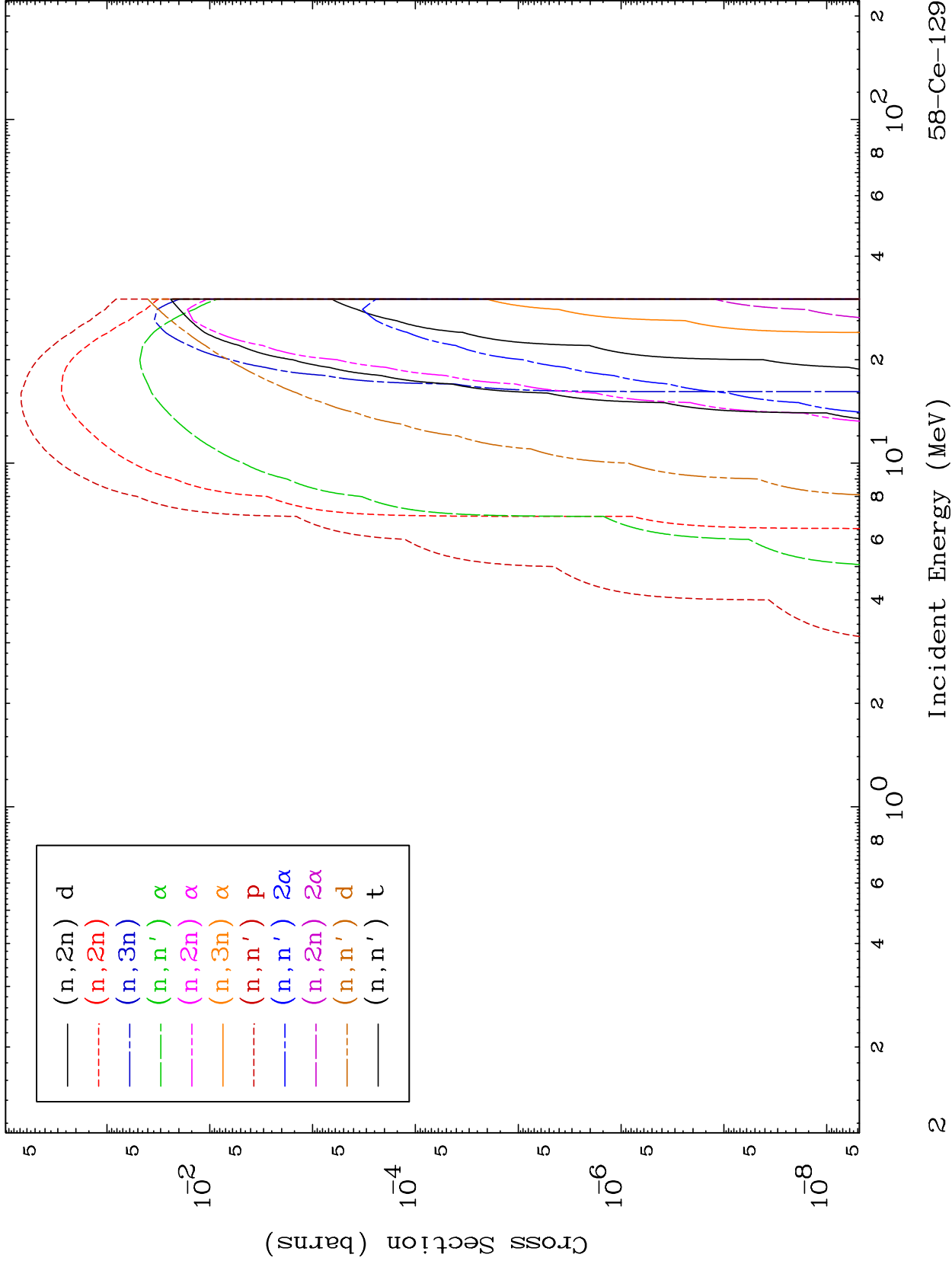
58-Ce-129



MAT 5804

Triton Neutron Absorption  
0 Kelvin Cross Sections

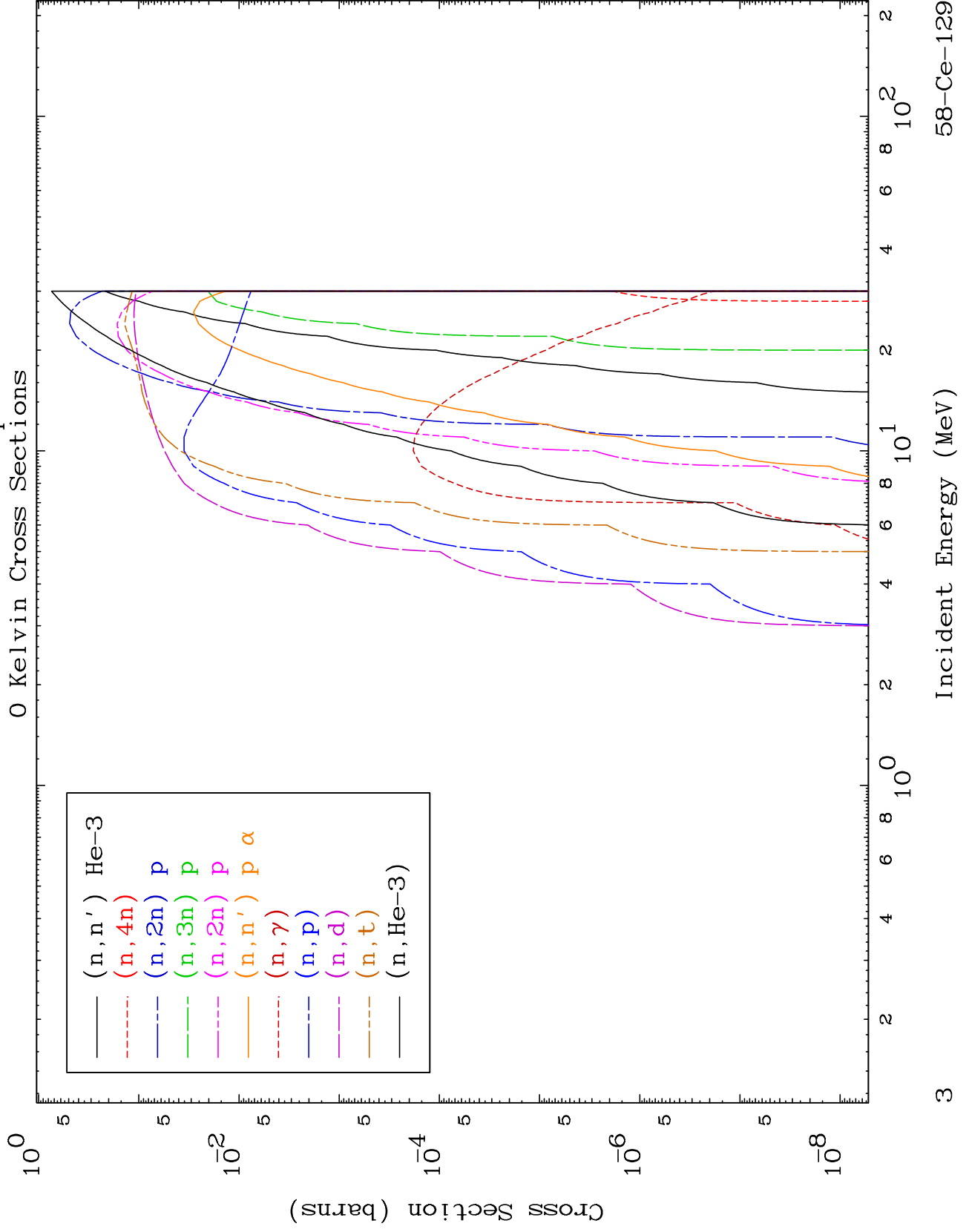
58-Ce-129



MAT 5804

Triton Neutron Absorption  
0 Kelvin Cross Sections

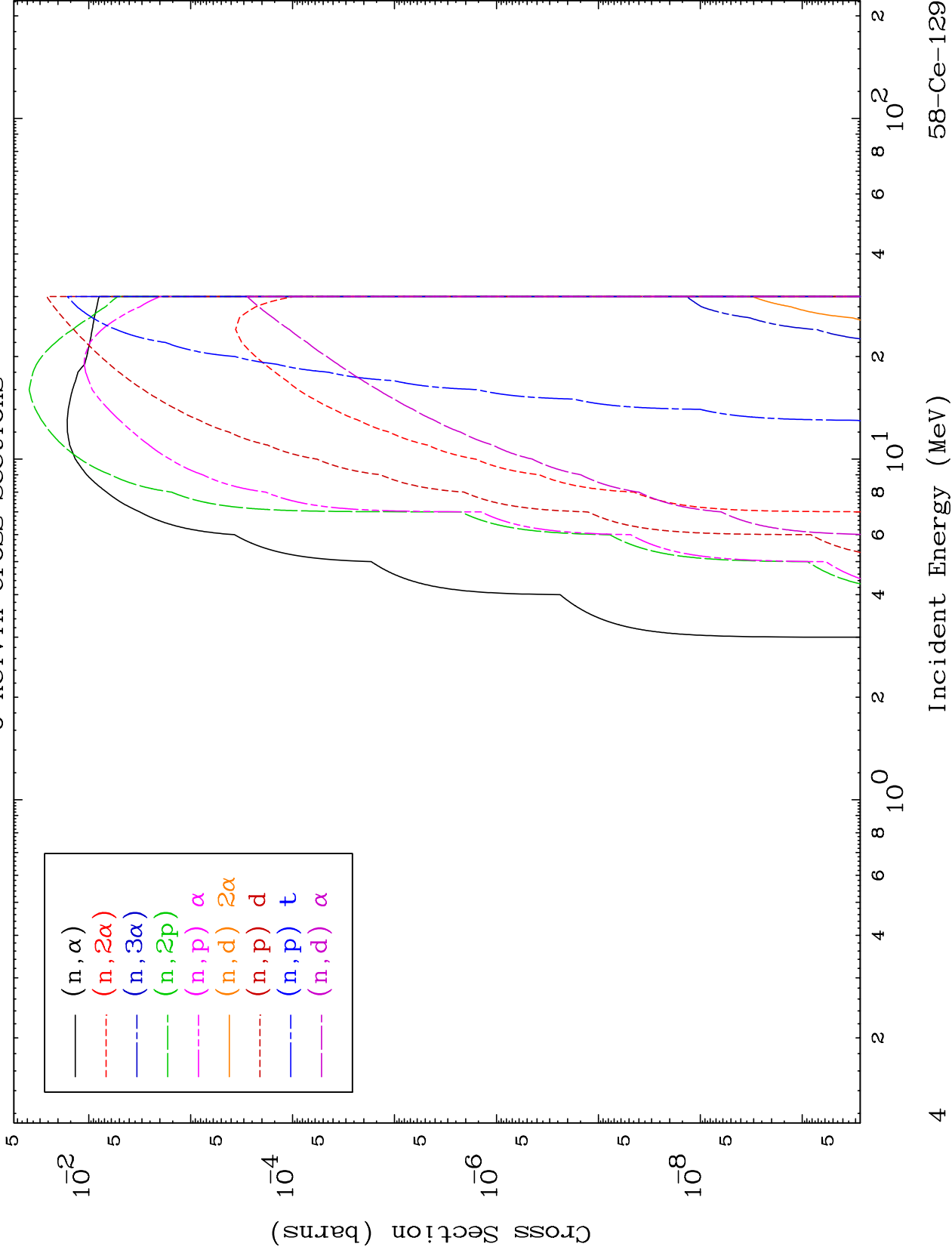
58-Ce-129



MAT 5804

Triton Neutron Absorption  
0 Kelvin Cross Sections

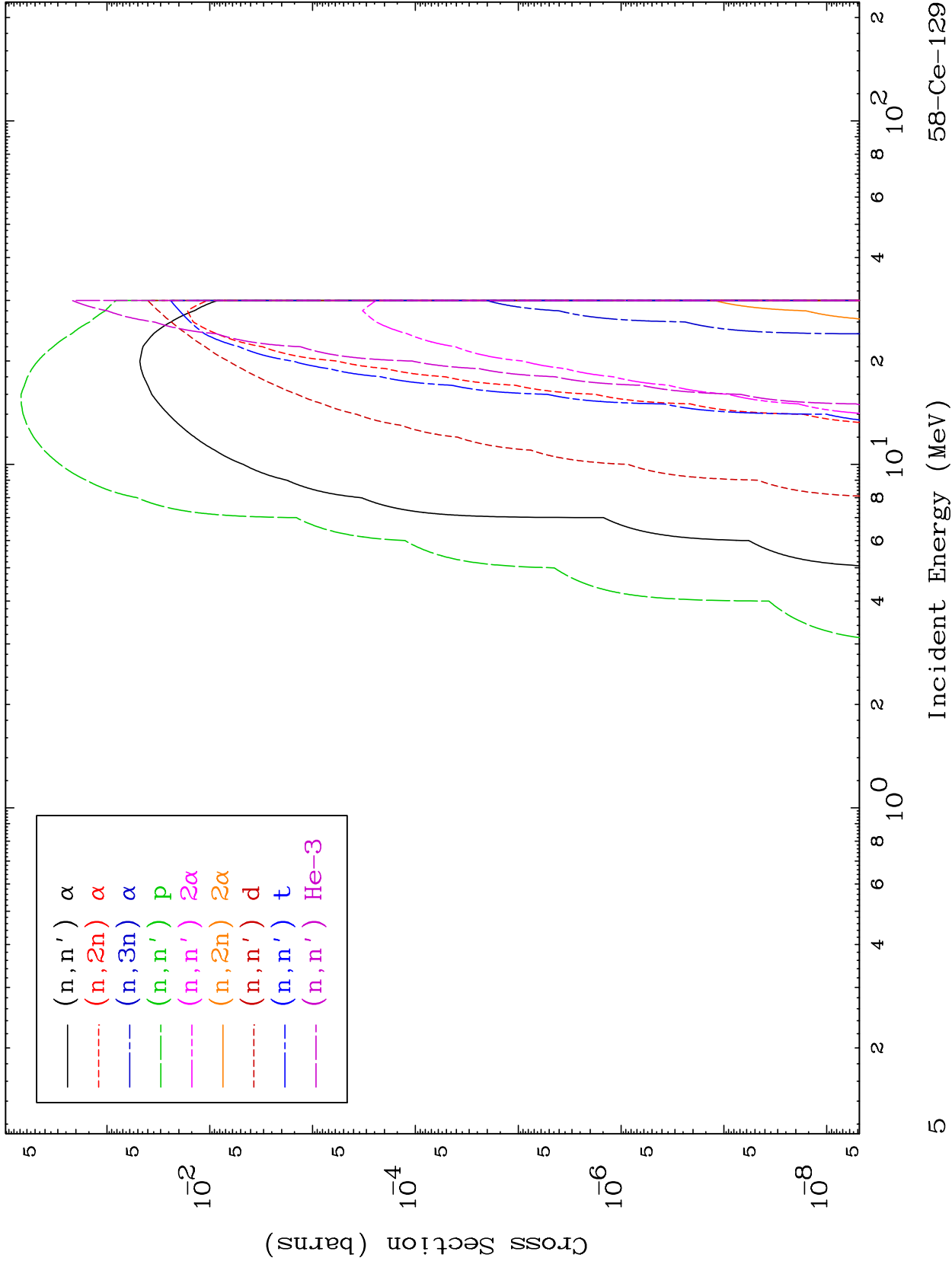
58-Ce-129



MAT 5804

Triton Charged Particle  
0 Kelvin Cross Sections

58-Ce-129



5

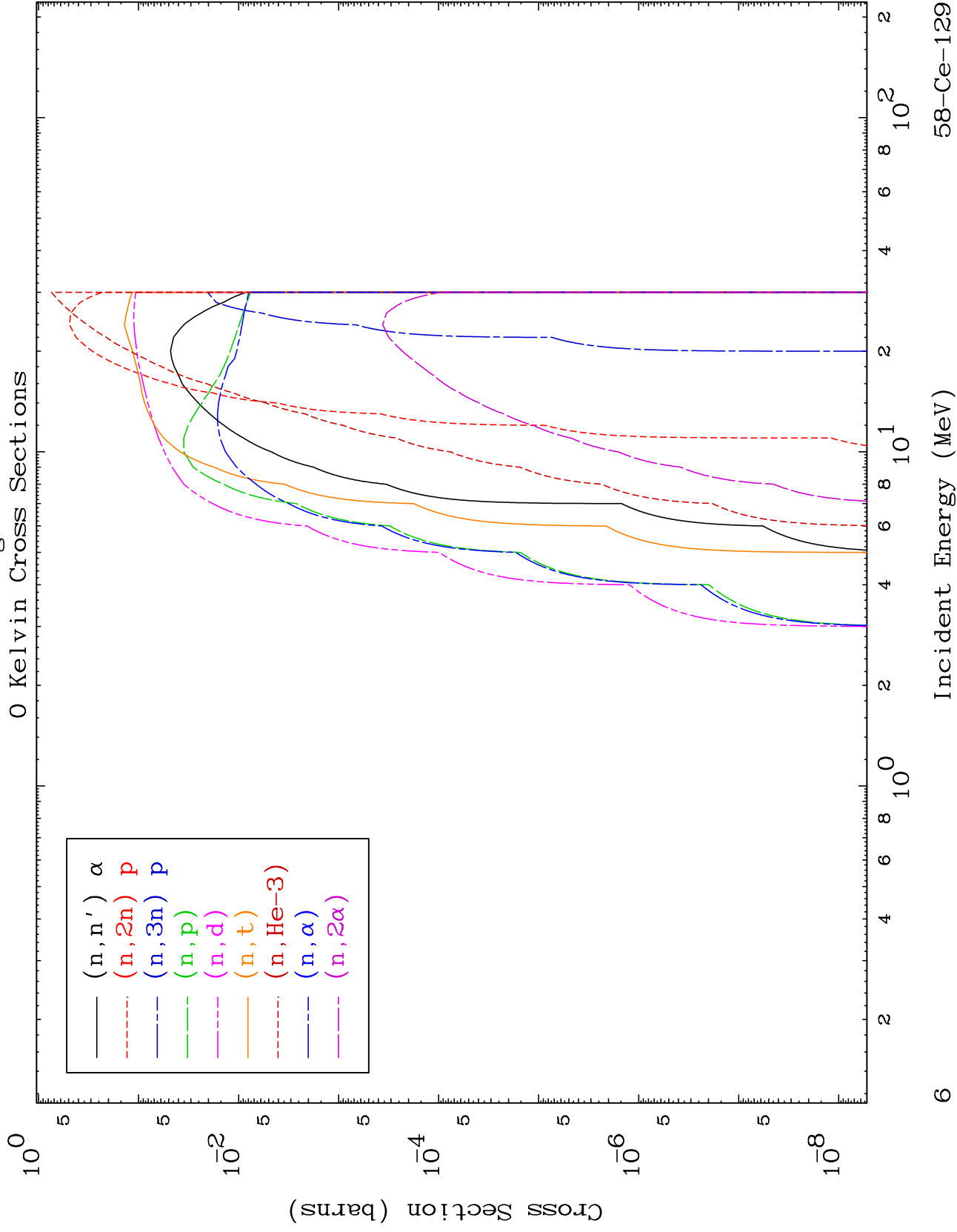
Incident Energy (MeV)

58-Ce-129

MAT 5804

Triton Charged Particle  
0 Kelvin Cross Sections

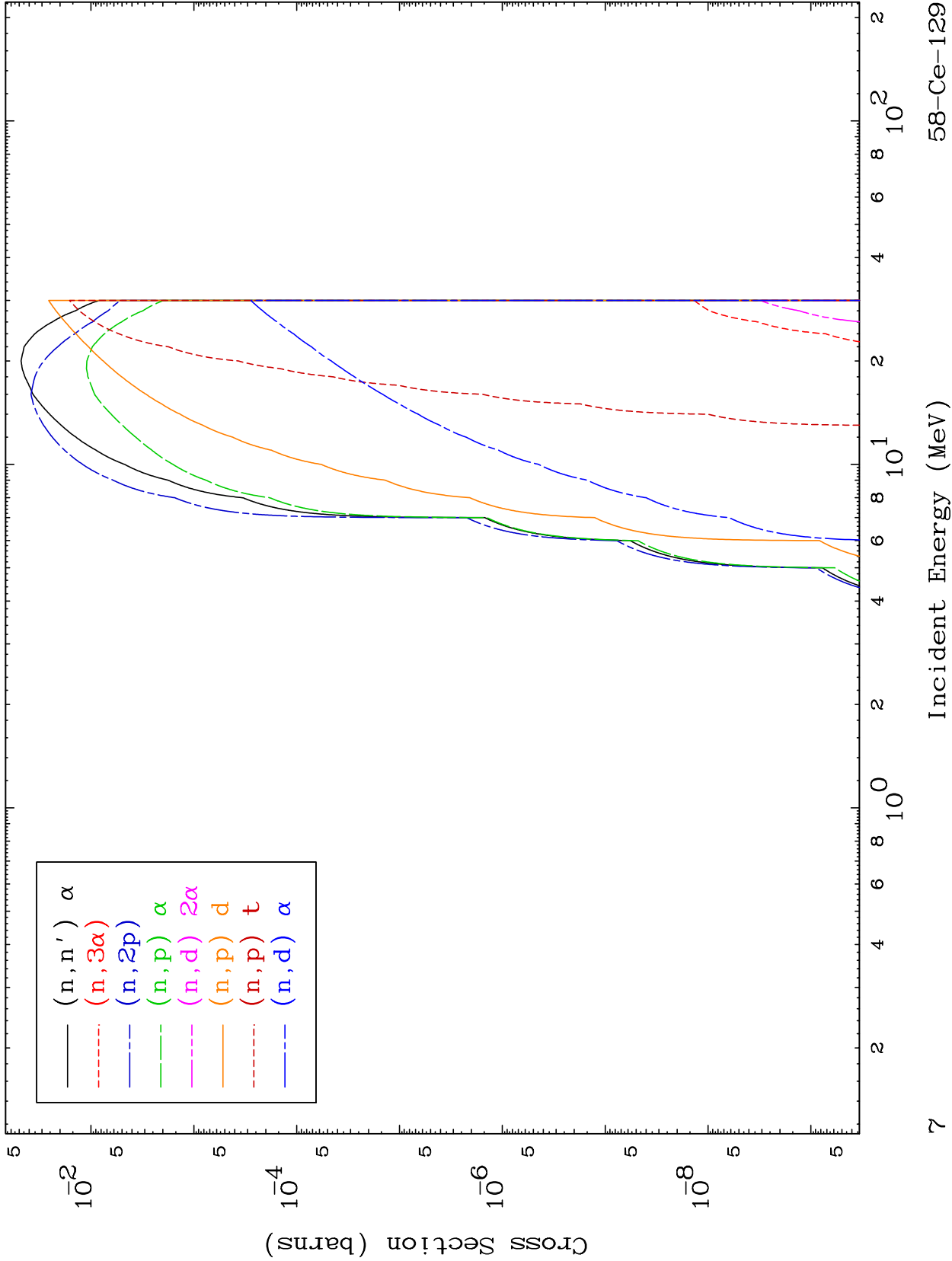
58-Ce-129



MAT 5804

Triton Charged Particle  
0 Kelvin Cross Sections

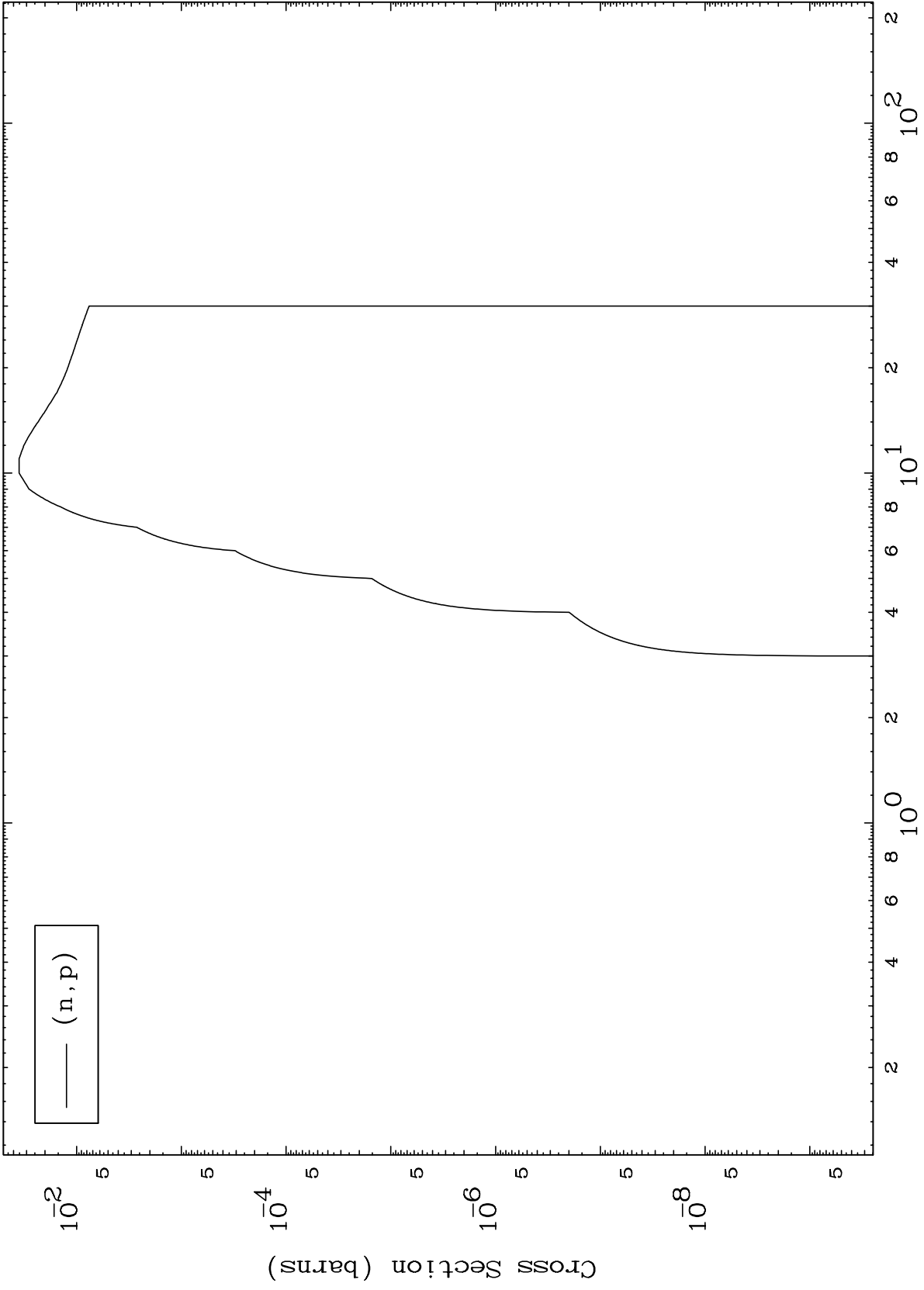
58-Ce-129



MAT 5804

58-Ce-129

(t,p) Levels  
0 Kelvin Cross Sections

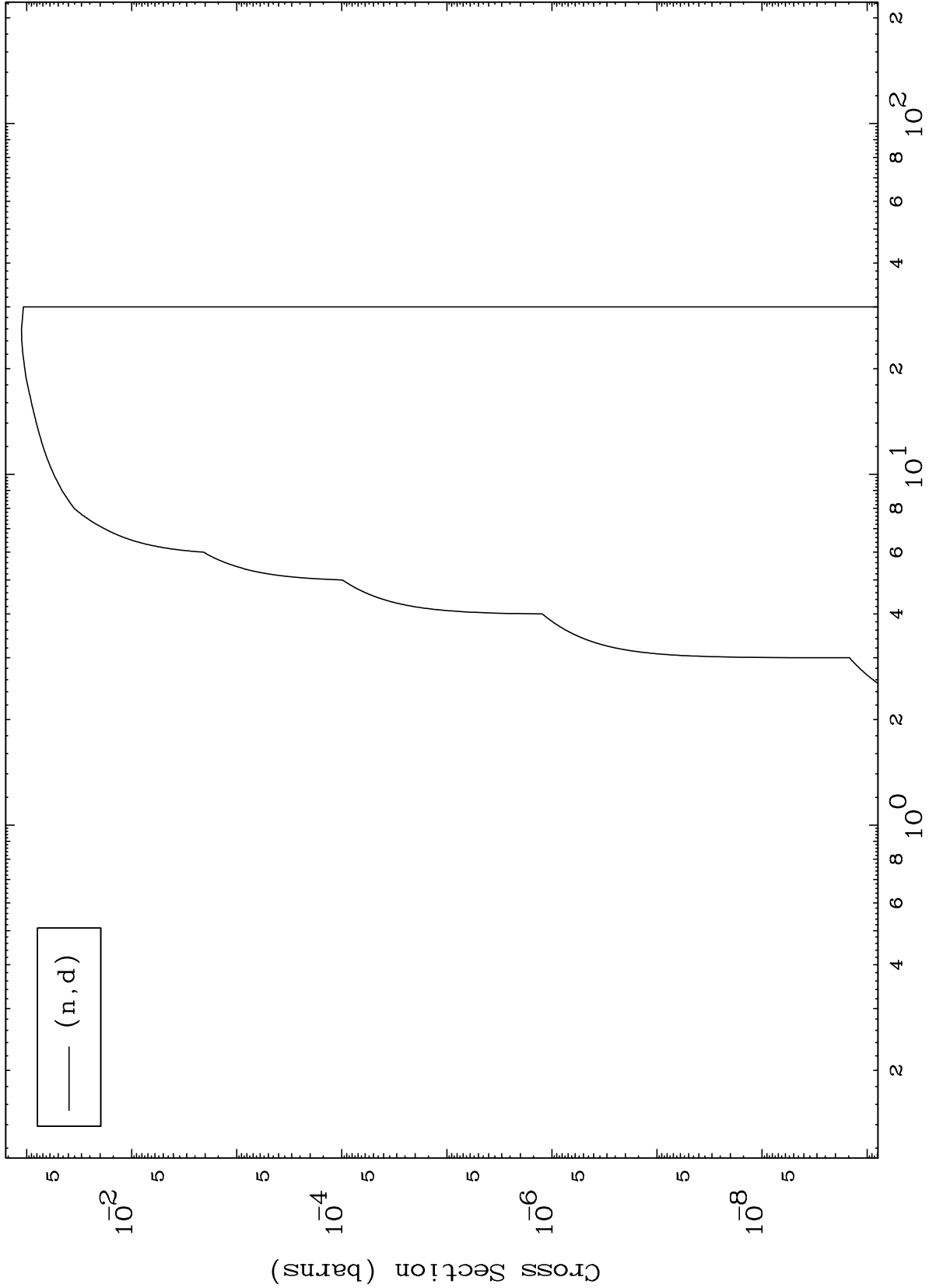


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(t, d) Levels

58-Ce-129

0 Kelvin Cross Sections

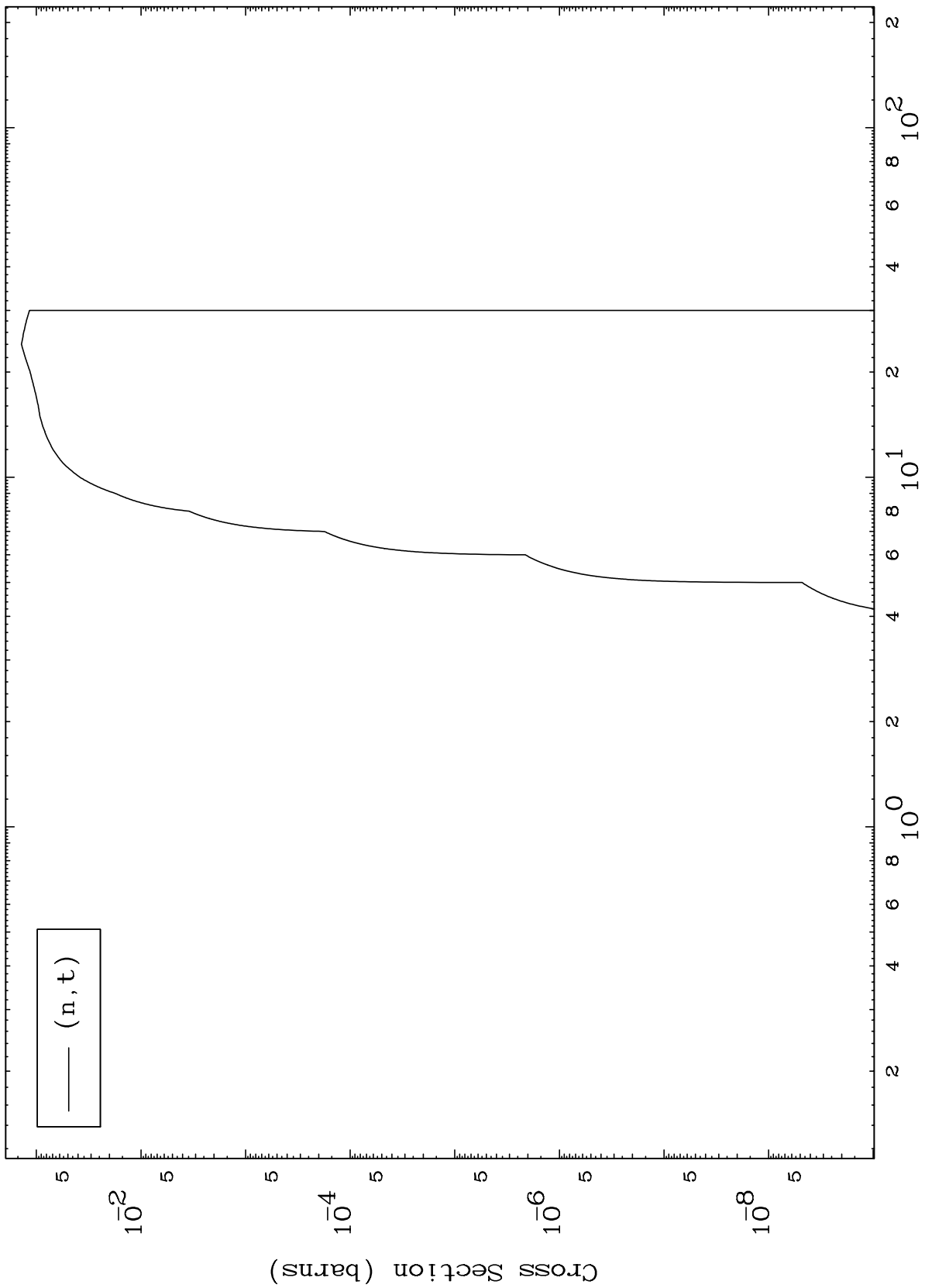


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(t, t) Levels

58-Ce-129

0 Kelvin Cross Sections



(n, t)

10

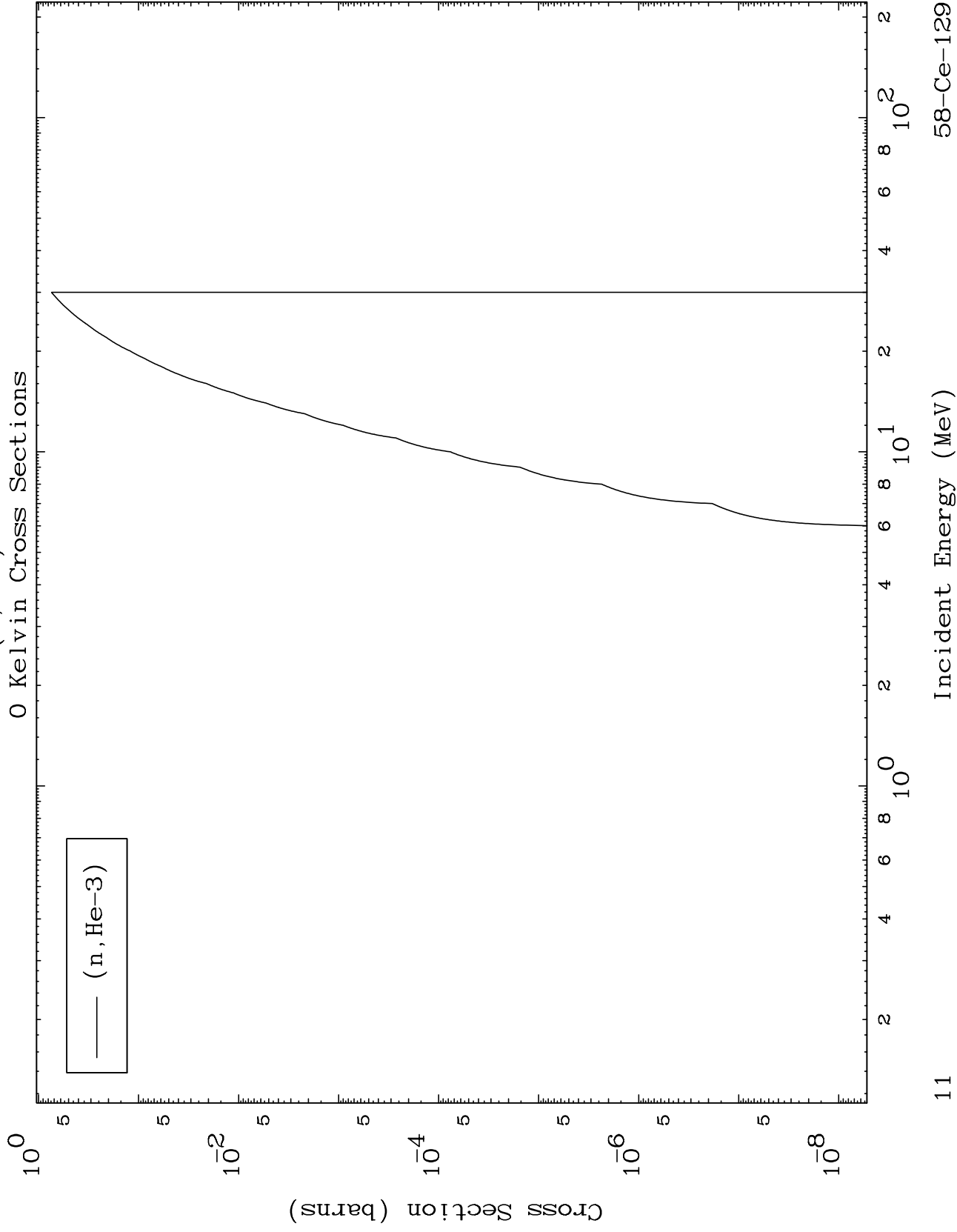
Incident Energy (MeV)

58-Ce-129

MAT 5804

(t,He3) Levels

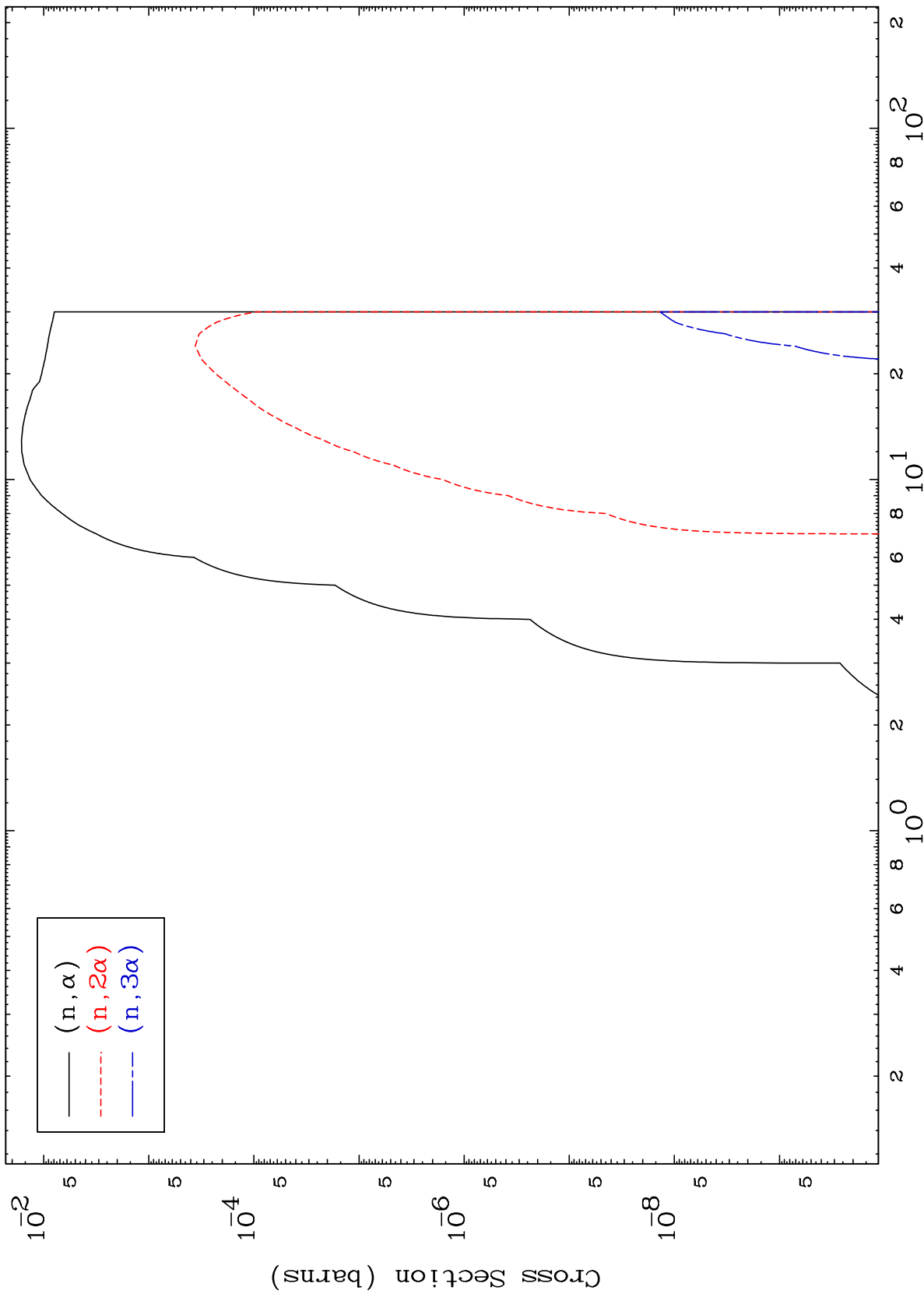
58-Ce-129



MAT 5804

58-Ce-129

(t,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



58-Ce-129

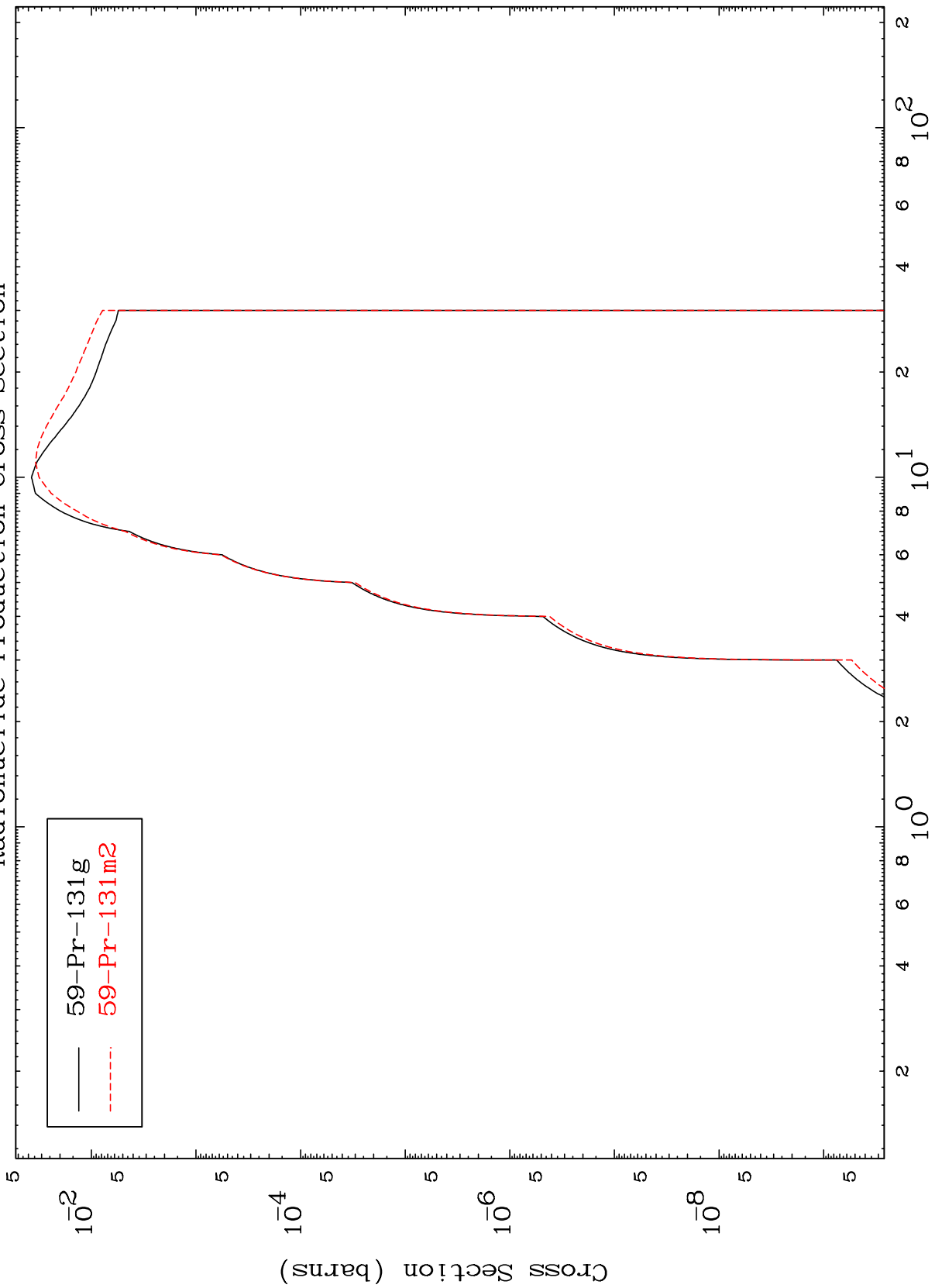
Incident Energy (MeV)

12

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58-Ce-129

Inelastic  
Radionuclide Production Cross Section



58-Ce-129

Incident Energy (MeV)

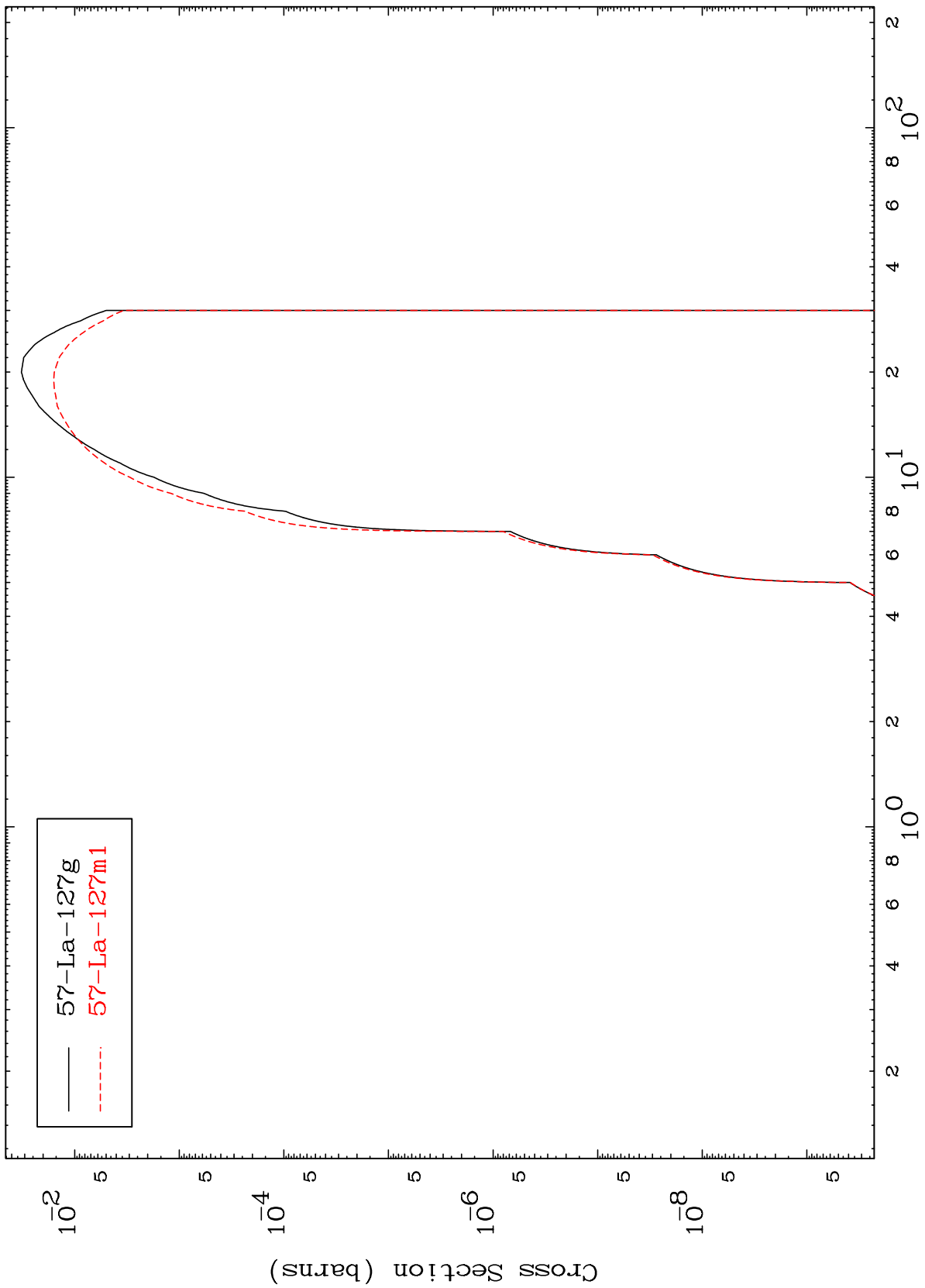
13

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(n,n')  $\alpha$

58-Ce-129

Radionuclide Production Cross Section



57-La-127g  
57-La-127m1

14

Incident Energy (MeV)

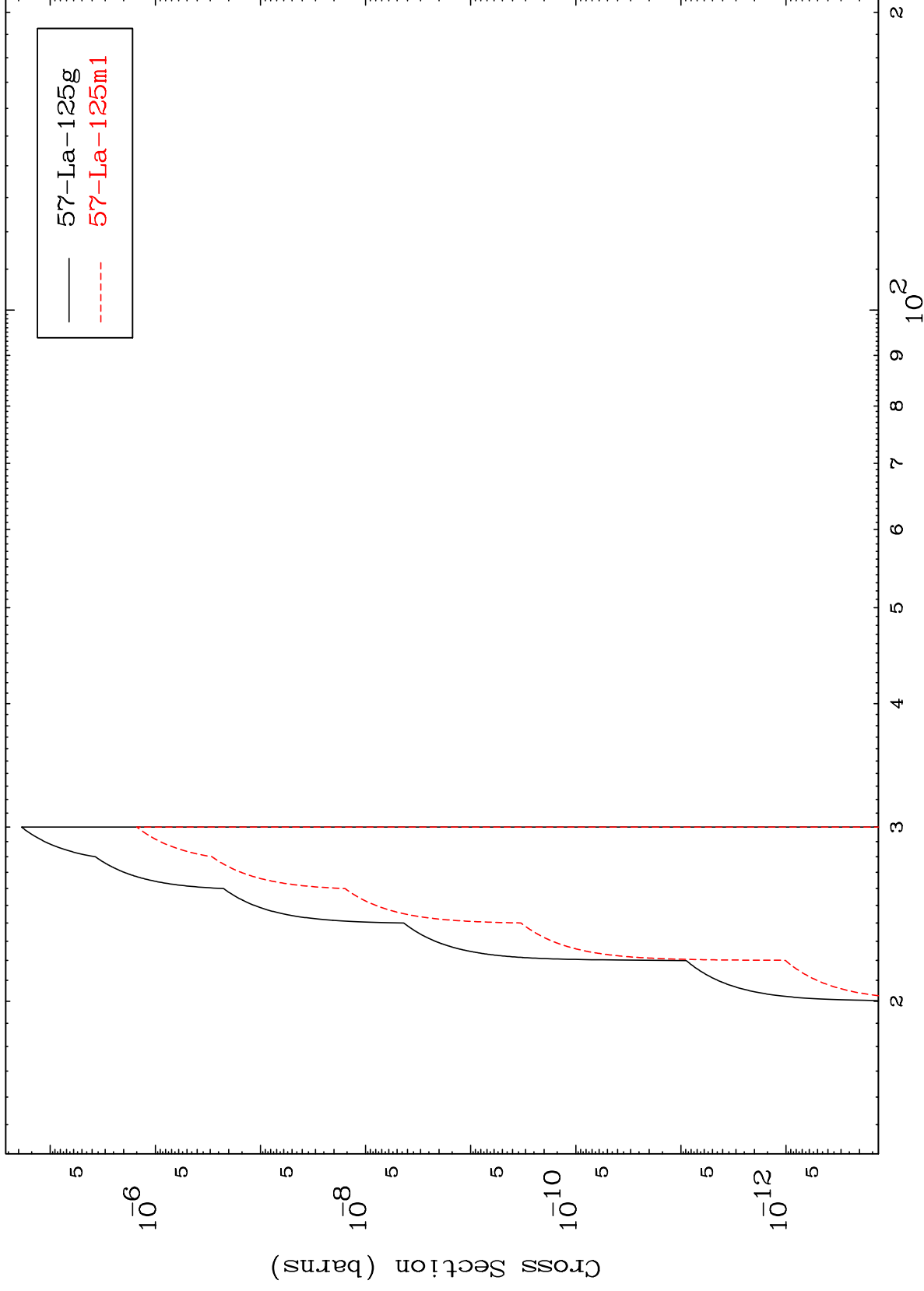
58-Ce-129

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(n,3n)  $\alpha$

58-Ce-129

Radionuclide Production Cross Section



15

Incident Energy (MeV)

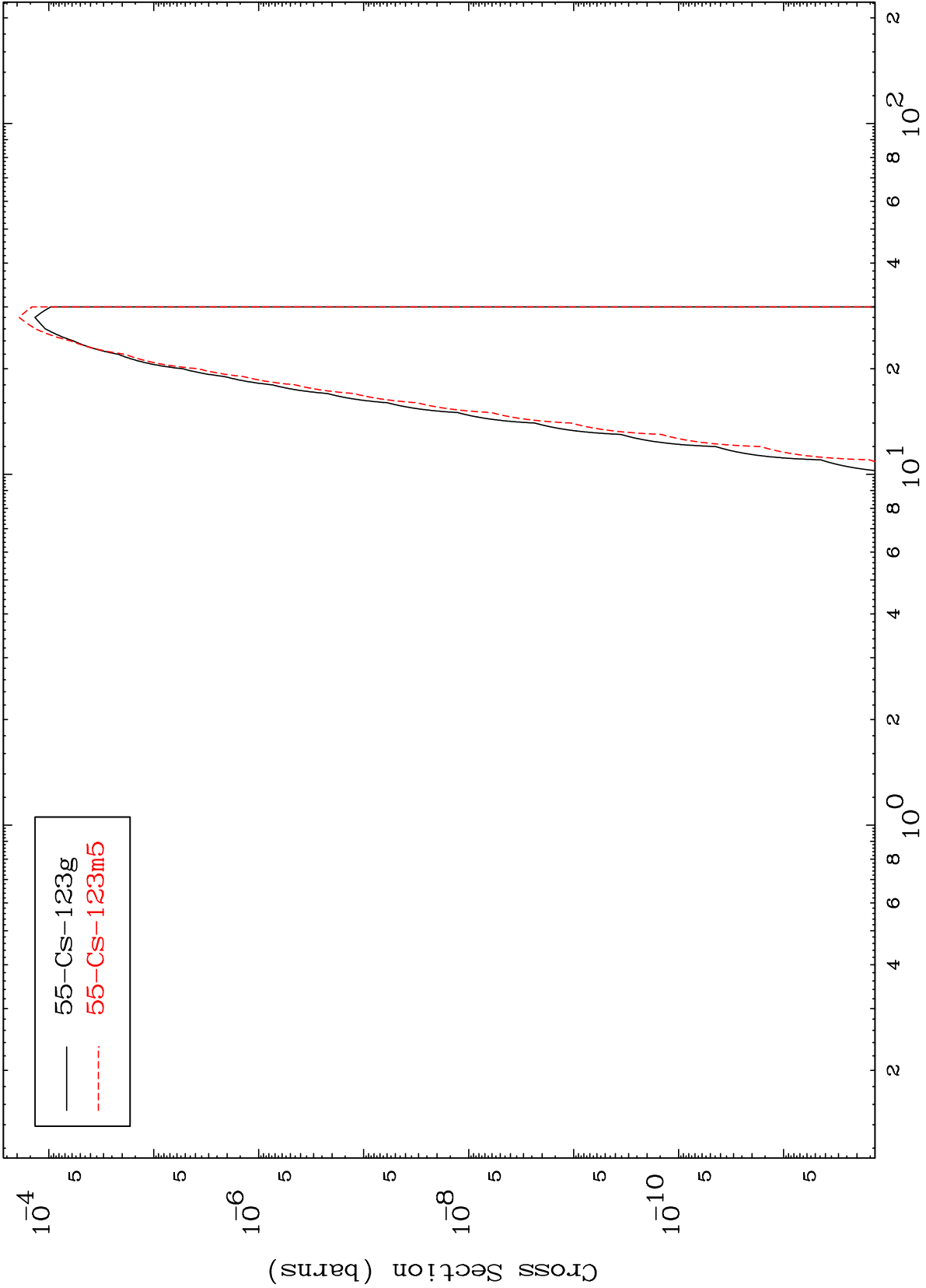
58-Ce-129

MAT 5804

(n,n') 2 $\alpha$

58-Ce-129

Radionuclide Production Cross Section

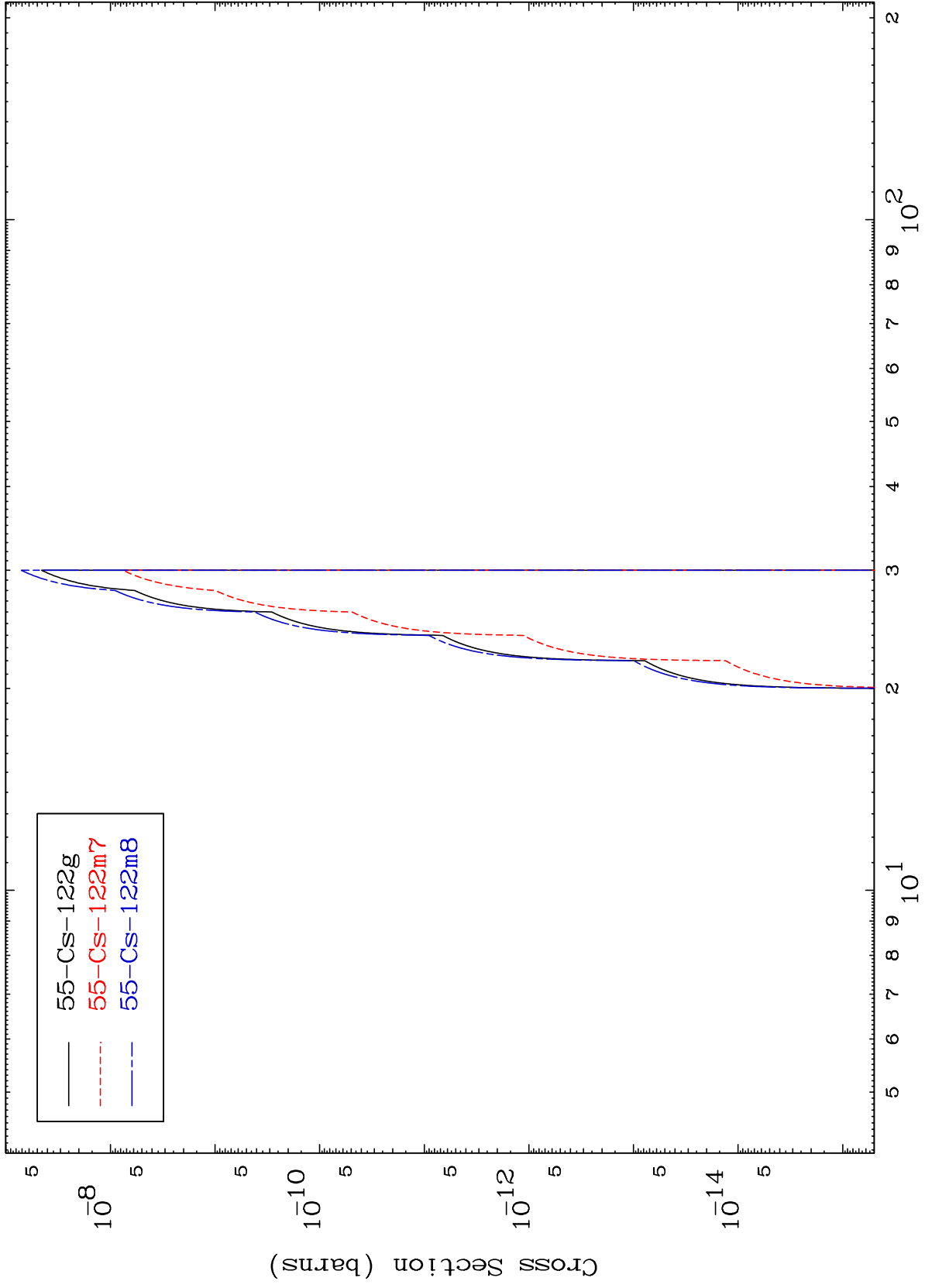


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(n,2n) 2α

58-Ce-129

Radionuclide Production Cross Section



17

Incident Energy (MeV)

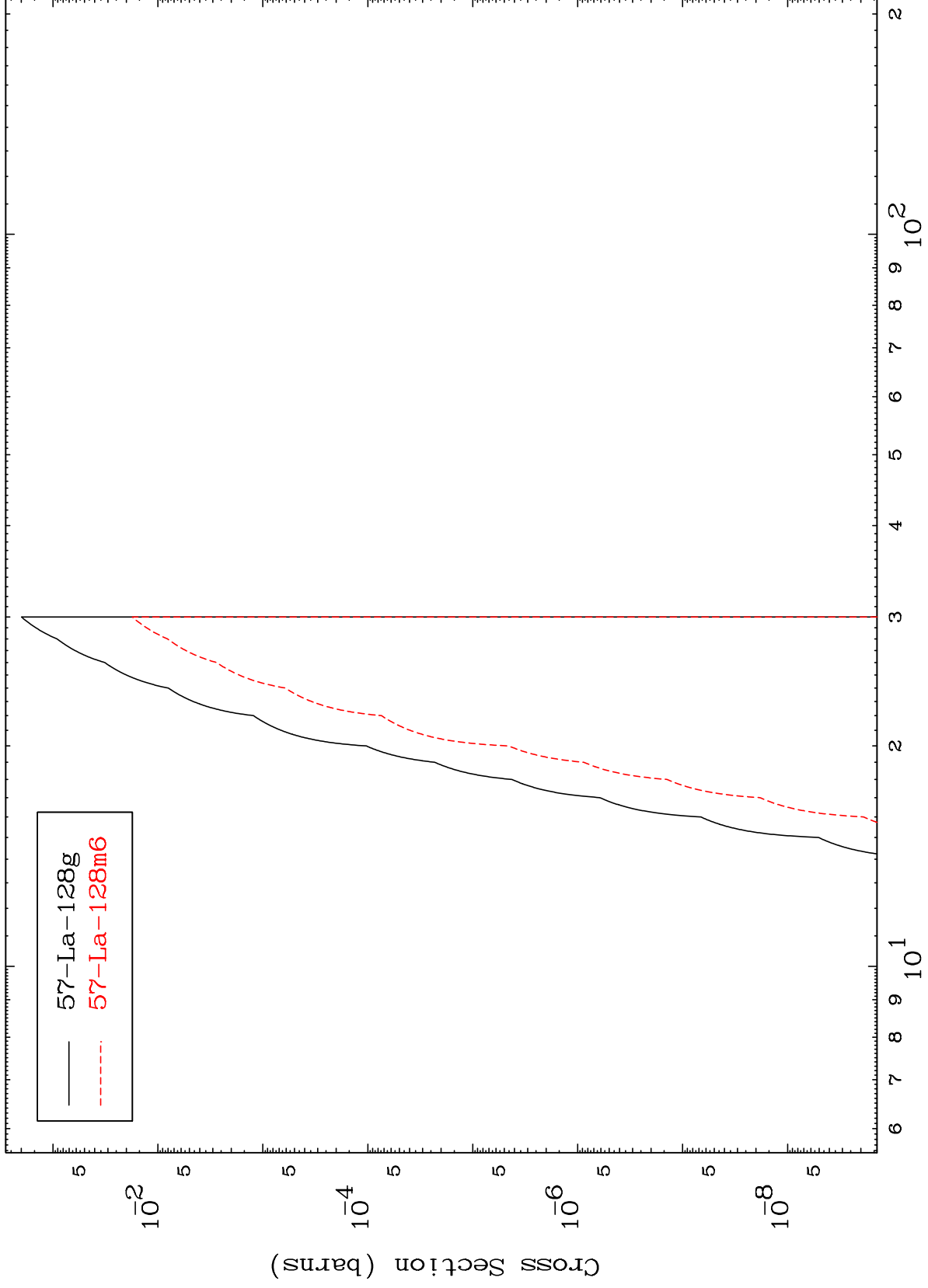
58-Ce-129

MAT 5804

(n, n') He-3

58-Ce-129

Radionuclide Production Cross Section



18

Incident Energy (MeV)

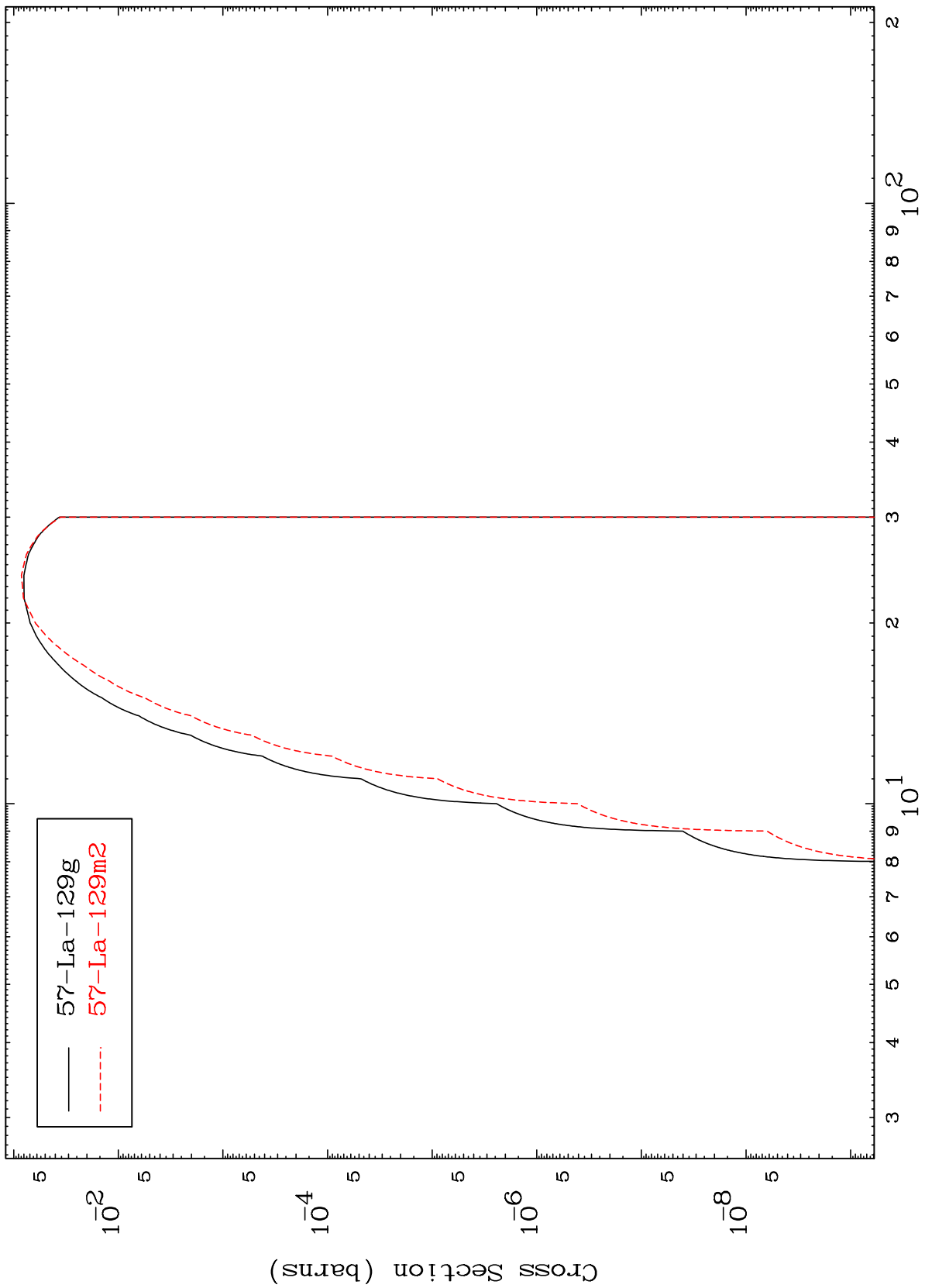
58-Ce-129

MAT 5804

(n,2n) p

58-Ce-129

Radionuclide Production Cross Section



— 57-La-129g  
- - - 57-La-129m2

19

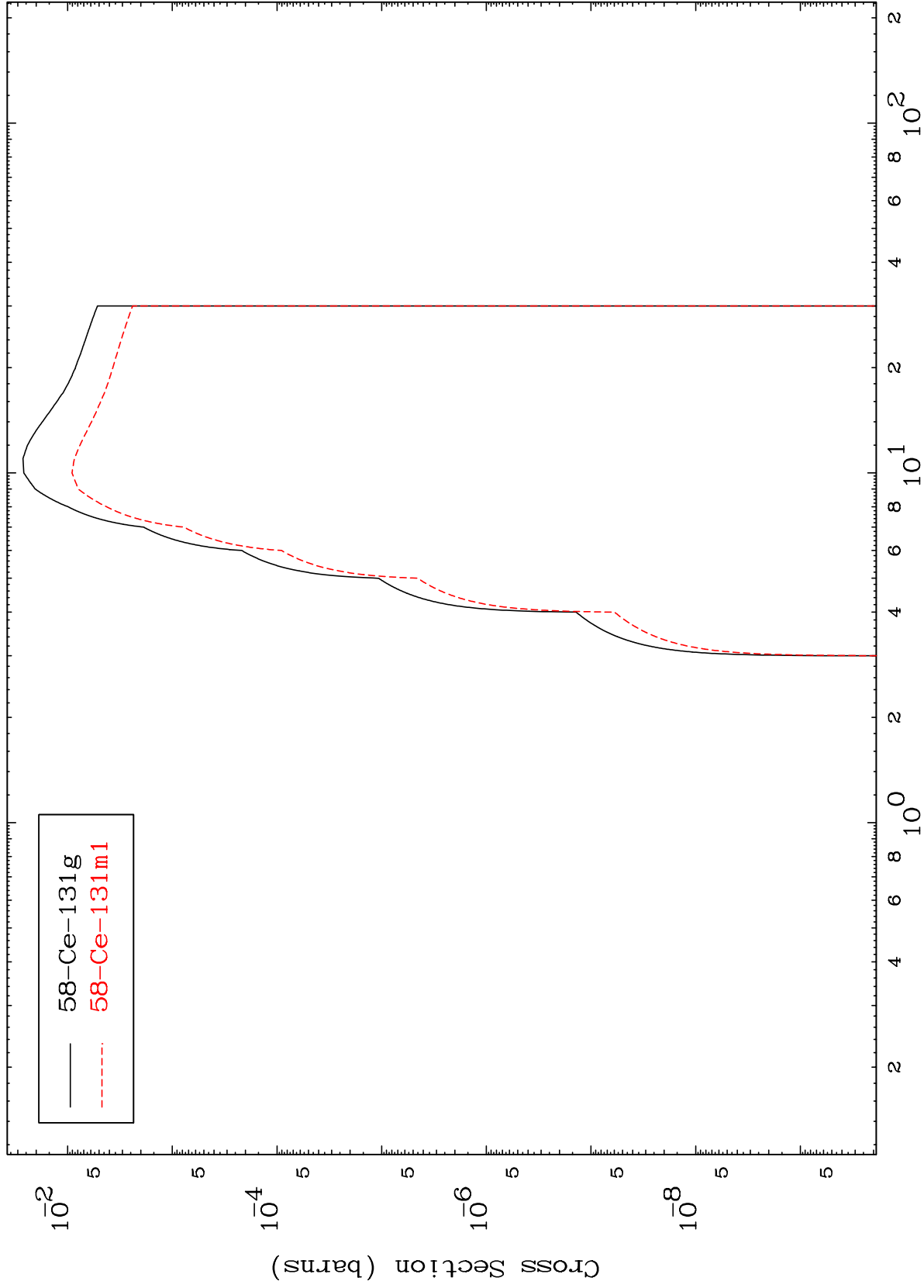
Incident Energy (MeV)

58-Ce-129

MAT 5804

58-Ce-129

(n,p)  
Radionuclide Production Cross Section



— 58-Ce-131g  
- - - 58-Ce-131m1

58-Ce-129

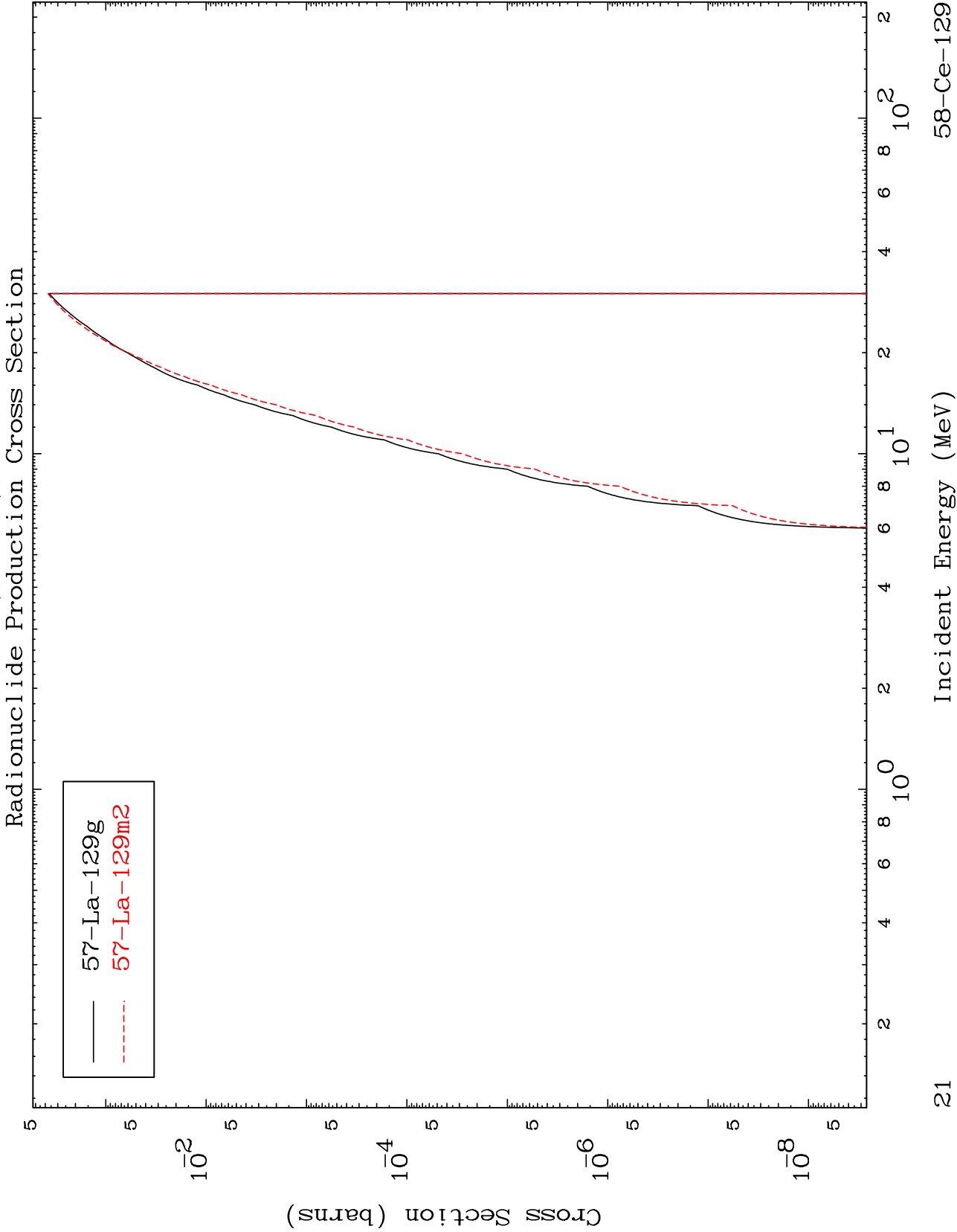
Incident Energy (MeV)

20

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(n,He-3)

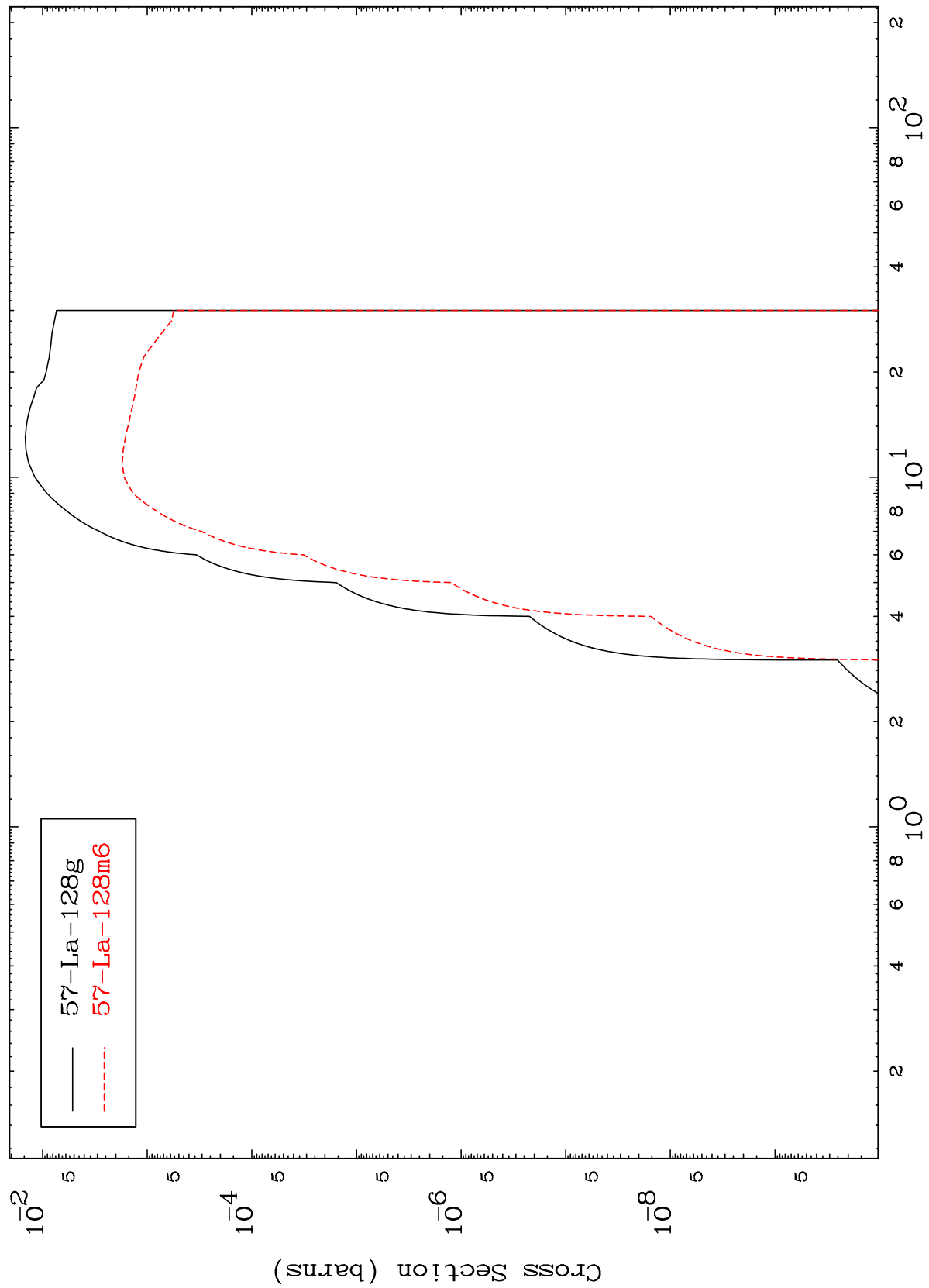
58-Ce-129



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58-Ce-129

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



58-Ce-129

Incident Energy (MeV)

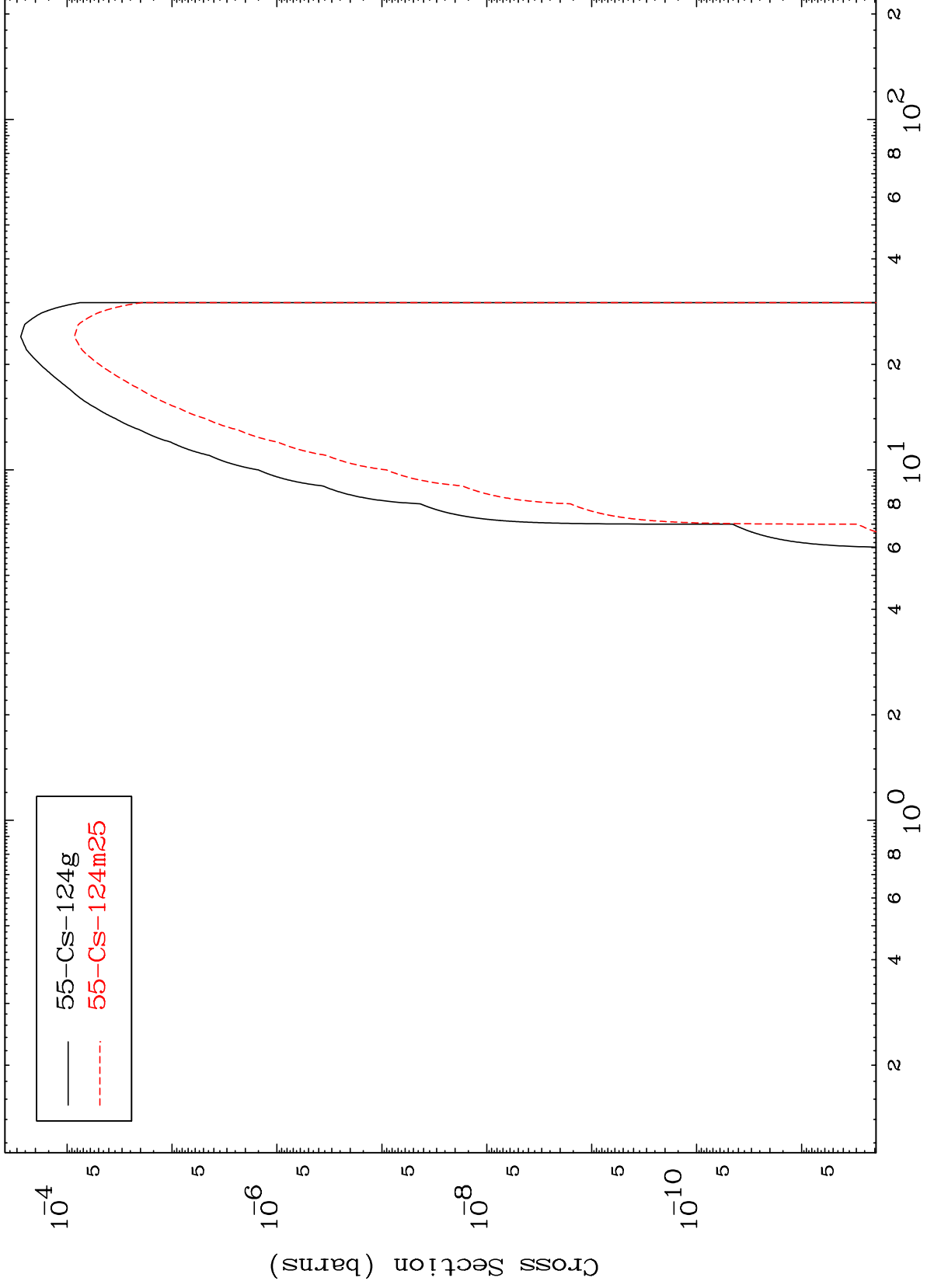
22

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(n,2α)

58-Ce-129

Radionuclide Production Cross Section



23

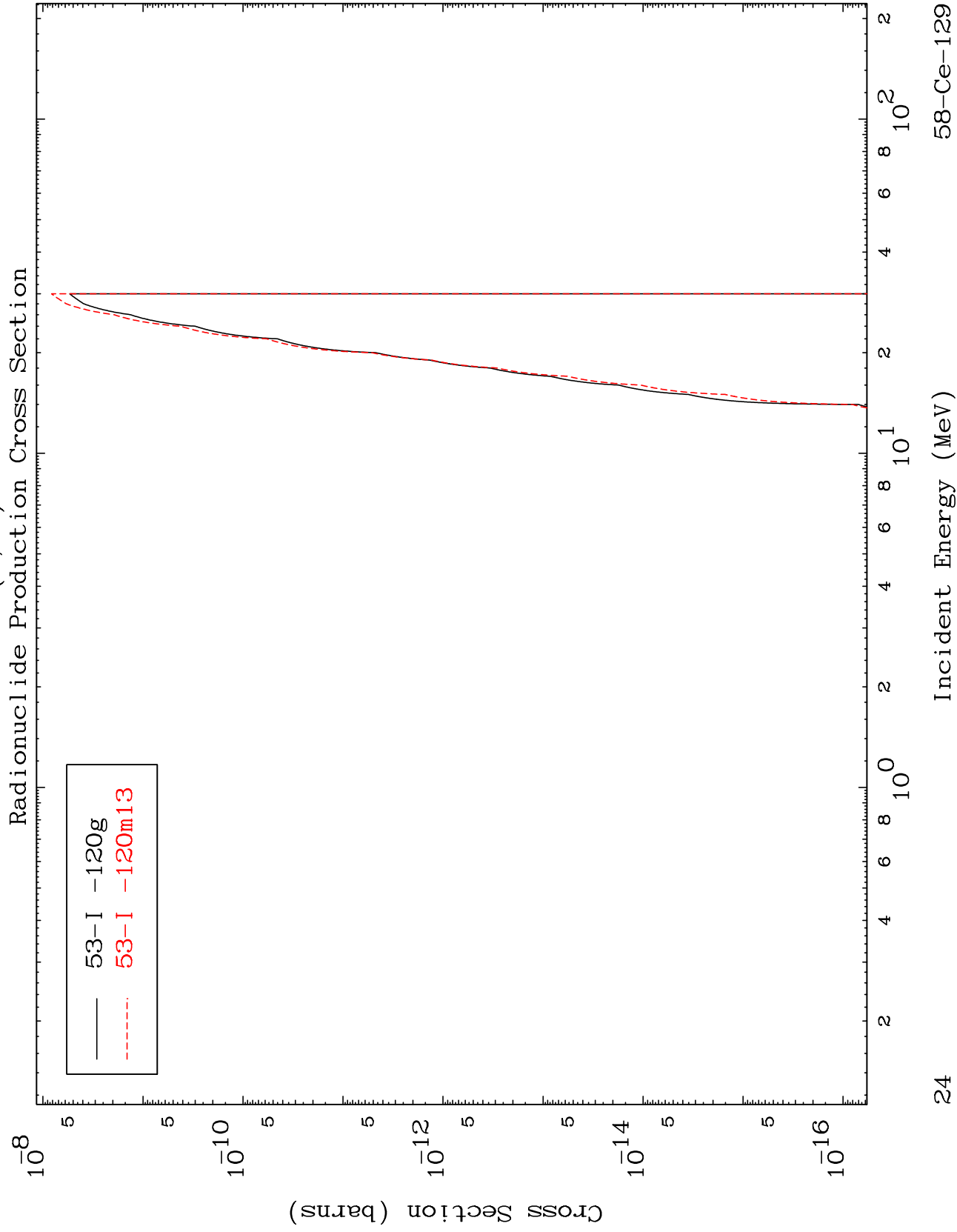
Incident Energy (MeV)

58-Ce-129

MAT 5804

(n, 3α)

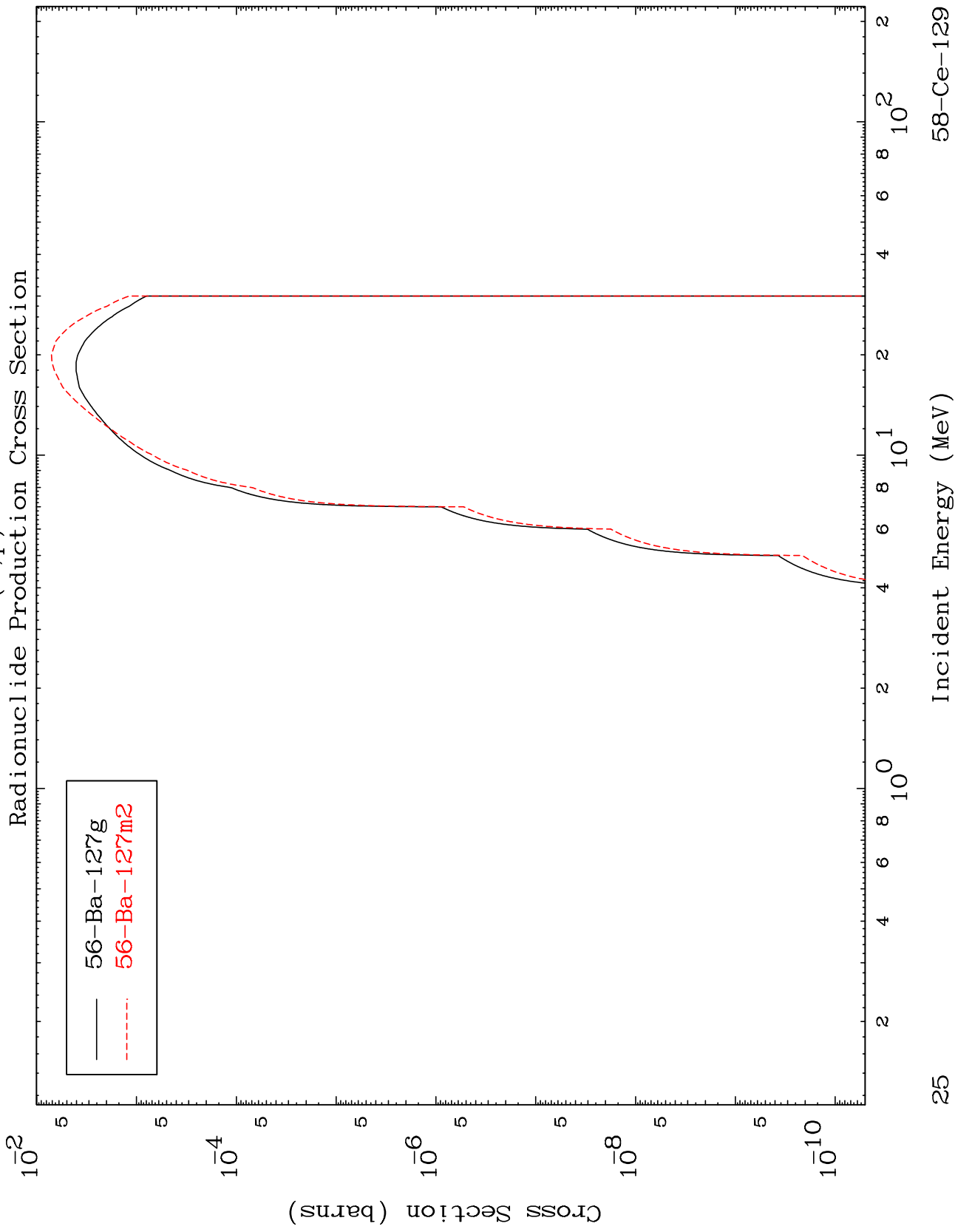
58-Ce-129



MAT 5804

(n,p)  $\alpha$

58-Ce-129

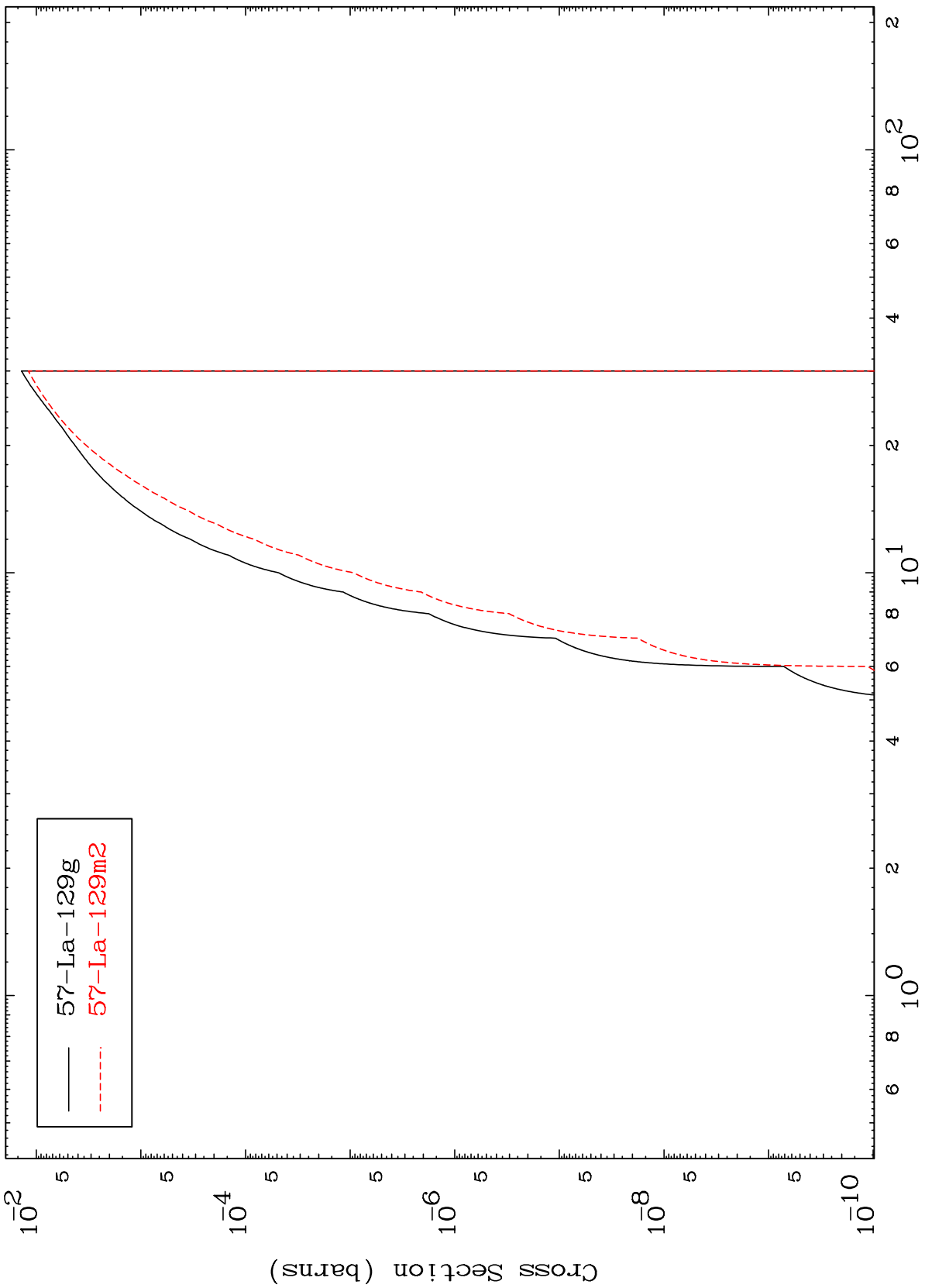


MAT 5804

(n,p) d

58-Ce-129

Radionuclide Production Cross Section



— 57-La-129g  
- - - 57-La-129m2

26

Incident Energy (MeV)

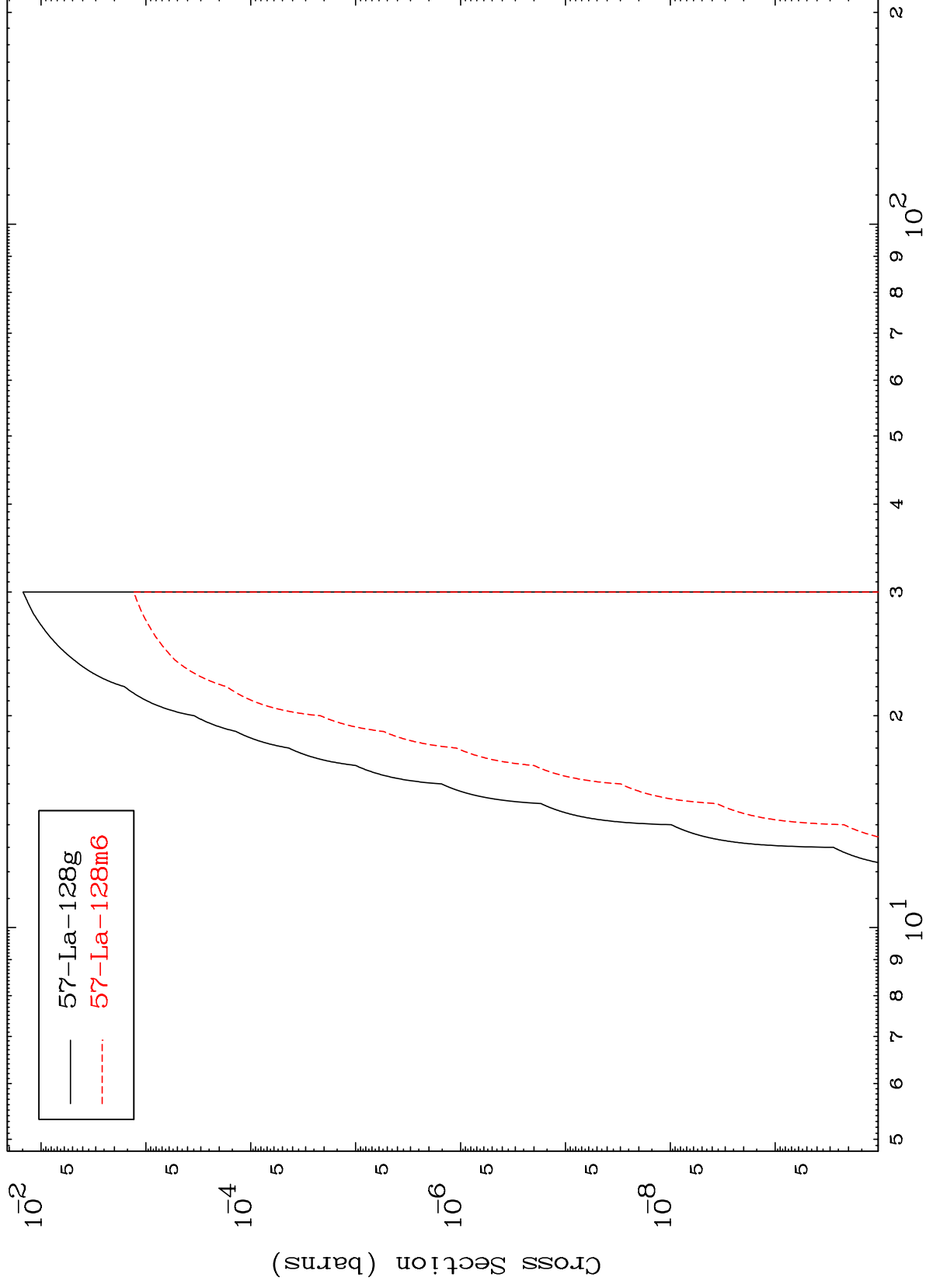
58-Ce-129

MAT 5804

(n,p) t

58-Ce-129

Radionuclide Production Cross Section



27

Incident Energy (MeV)

58-Ce-129