

Program EVALPLOT
(Version 2017-1)

by

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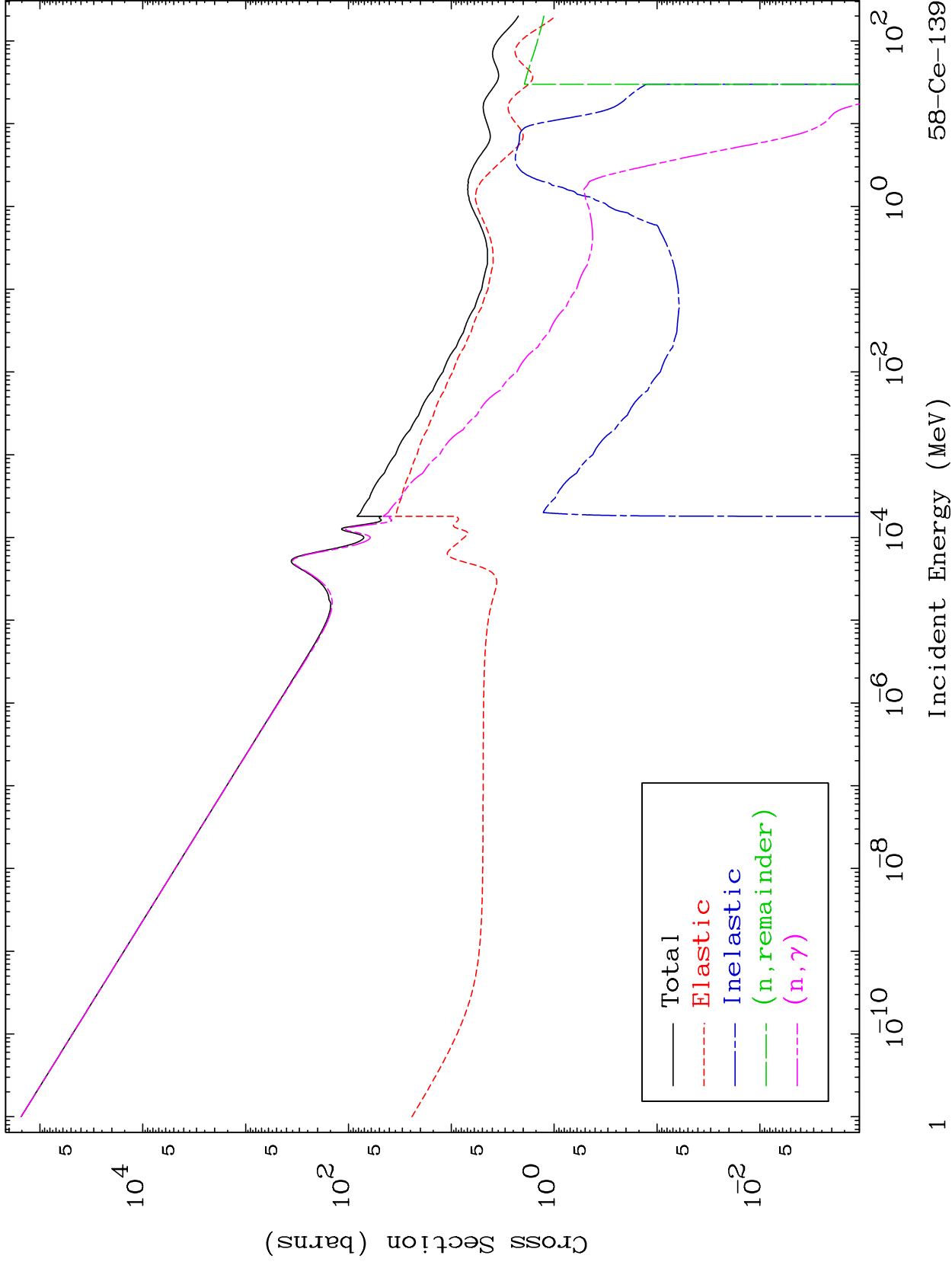
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5835

Major
293 Kelvin Cross Sections

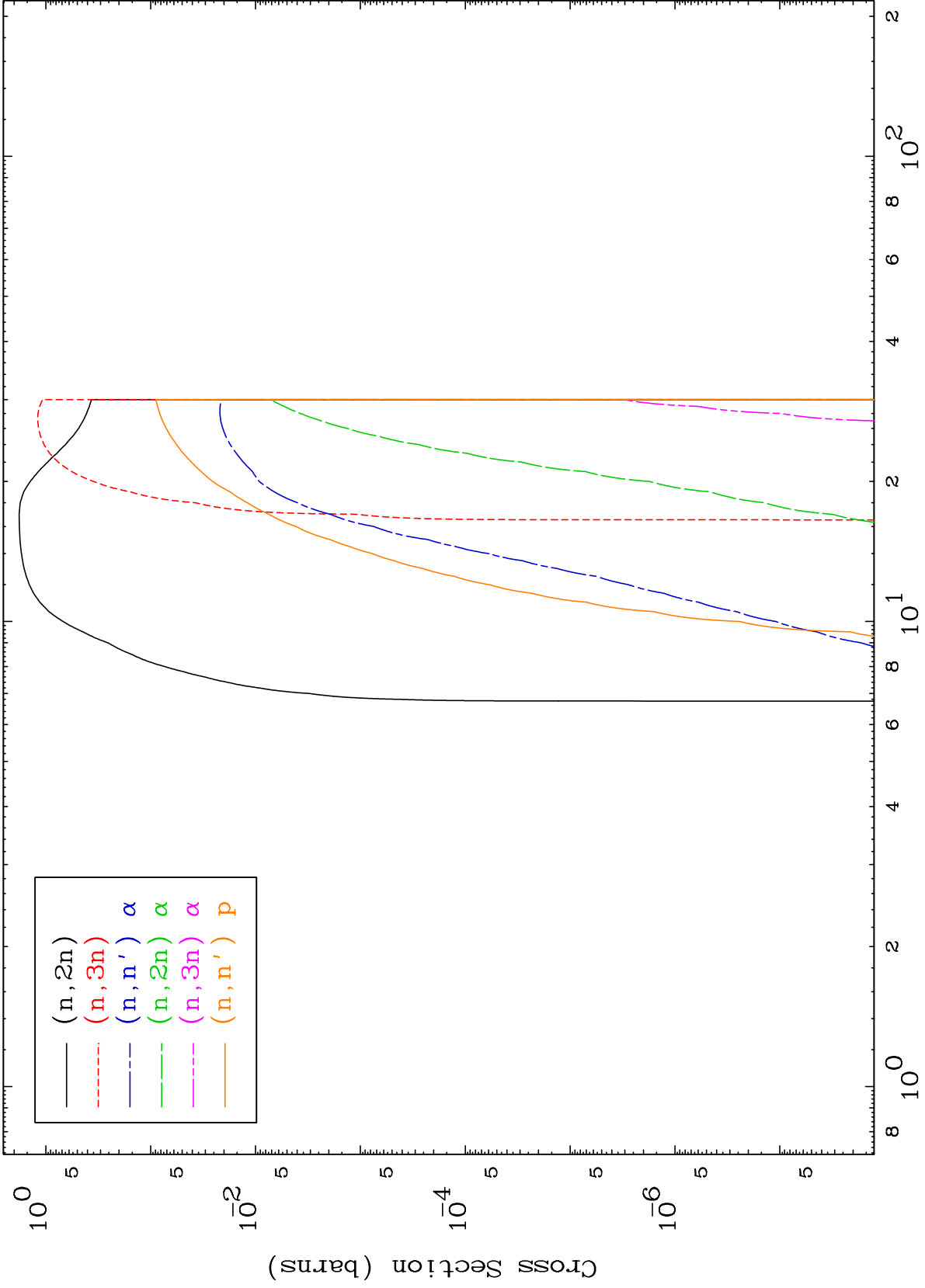
58-Ce-139



MAT 5835

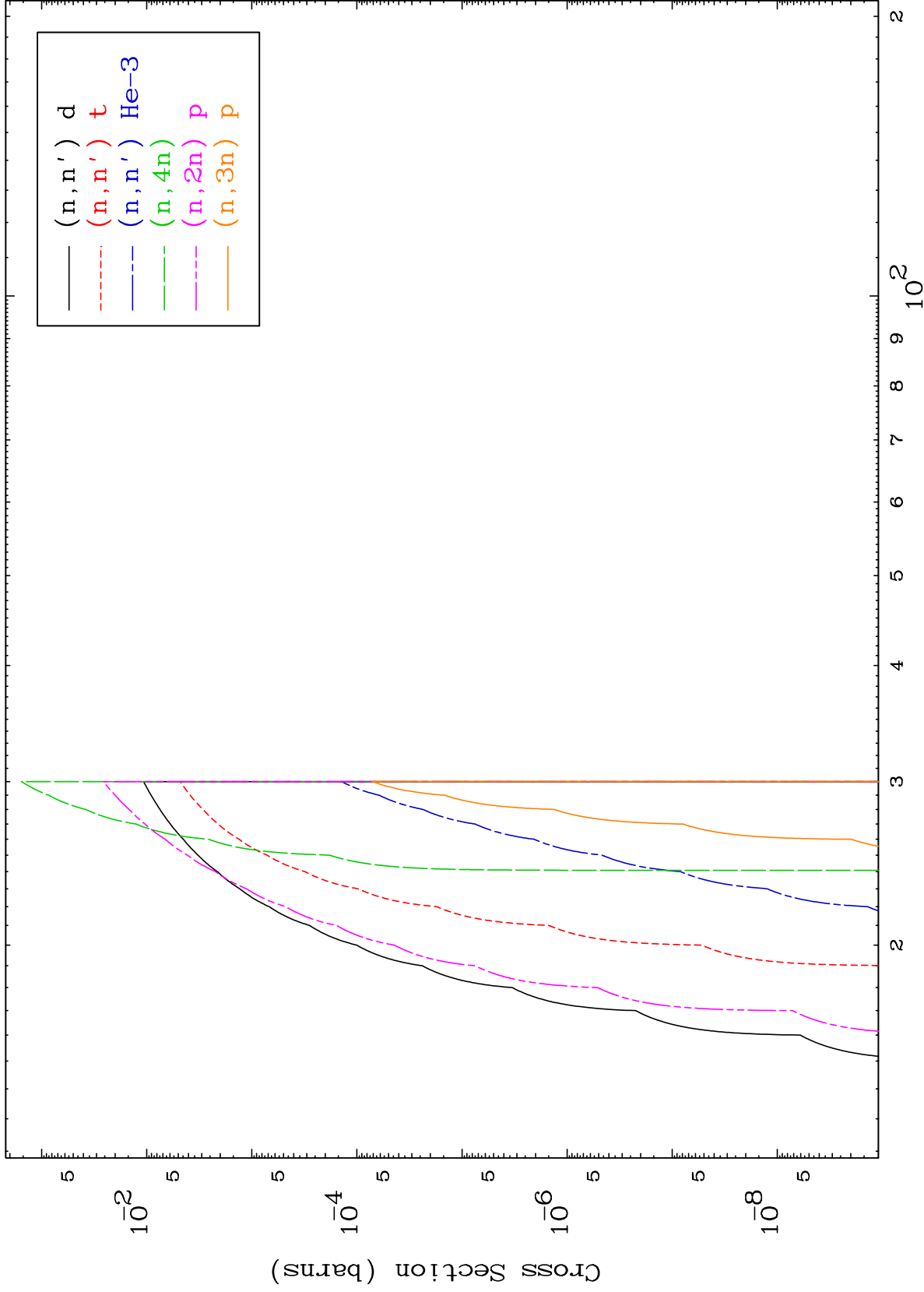
Neutron Production
293 Kelvin Cross Sections

58-Ce-139



Incident Energy (MeV)

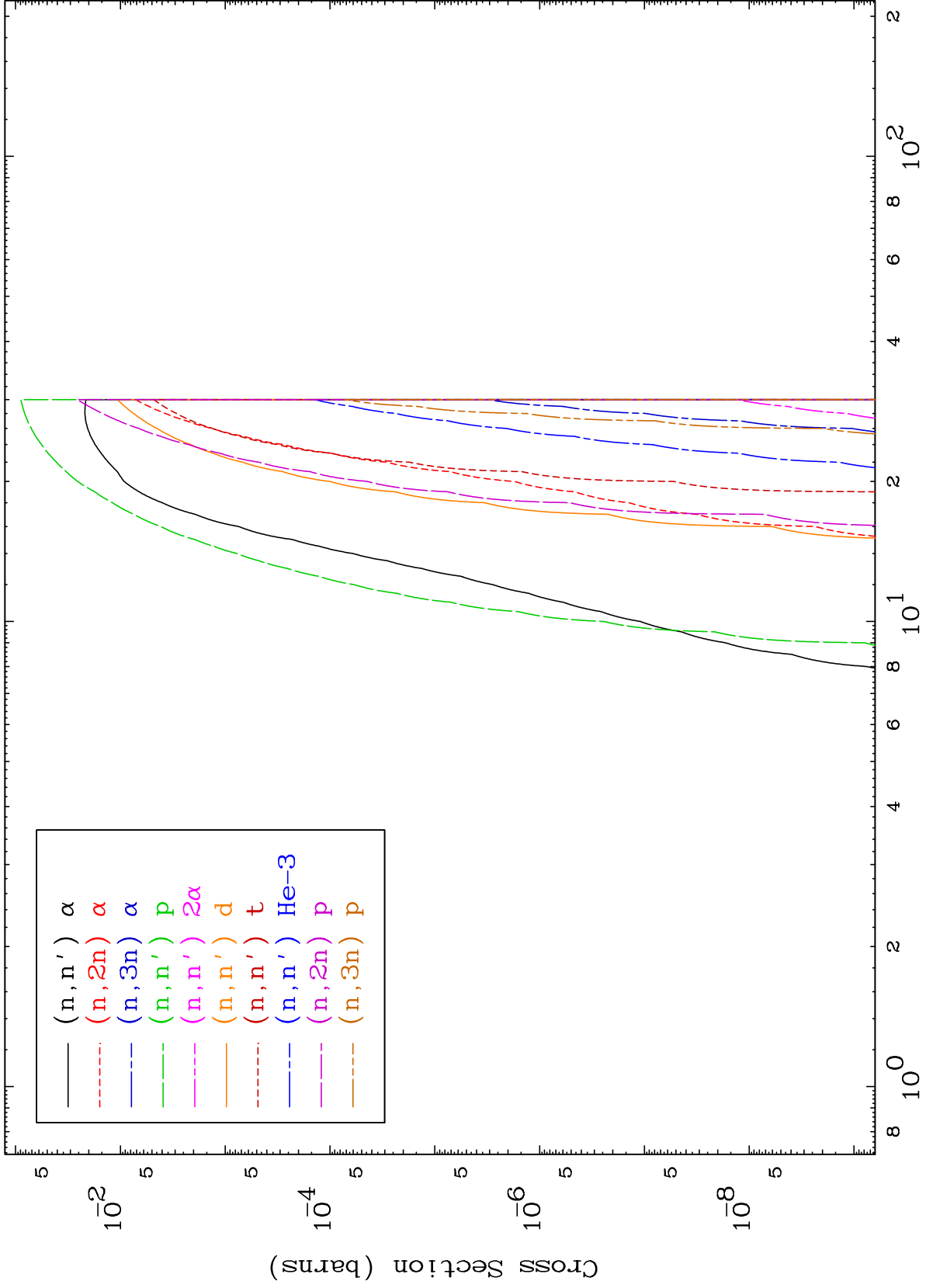
58-Ce-139



MAT 5835

Charged Particle
293 Kelvin Cross Sections

58-Ce-139



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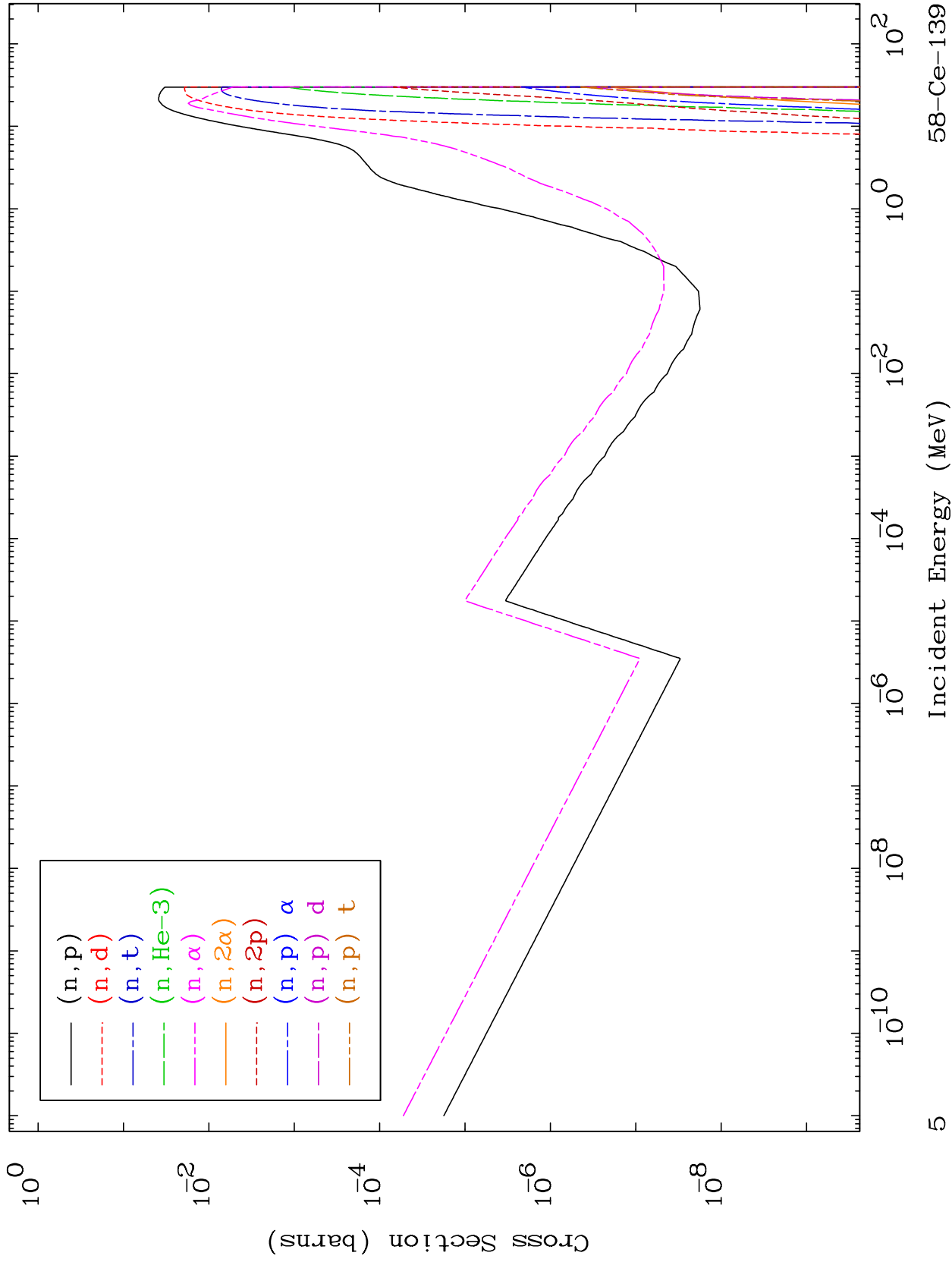
Incident Energy (MeV)

58-Ce-139

MAT 5835

Charged Particle
293 Kelvin Cross Sections

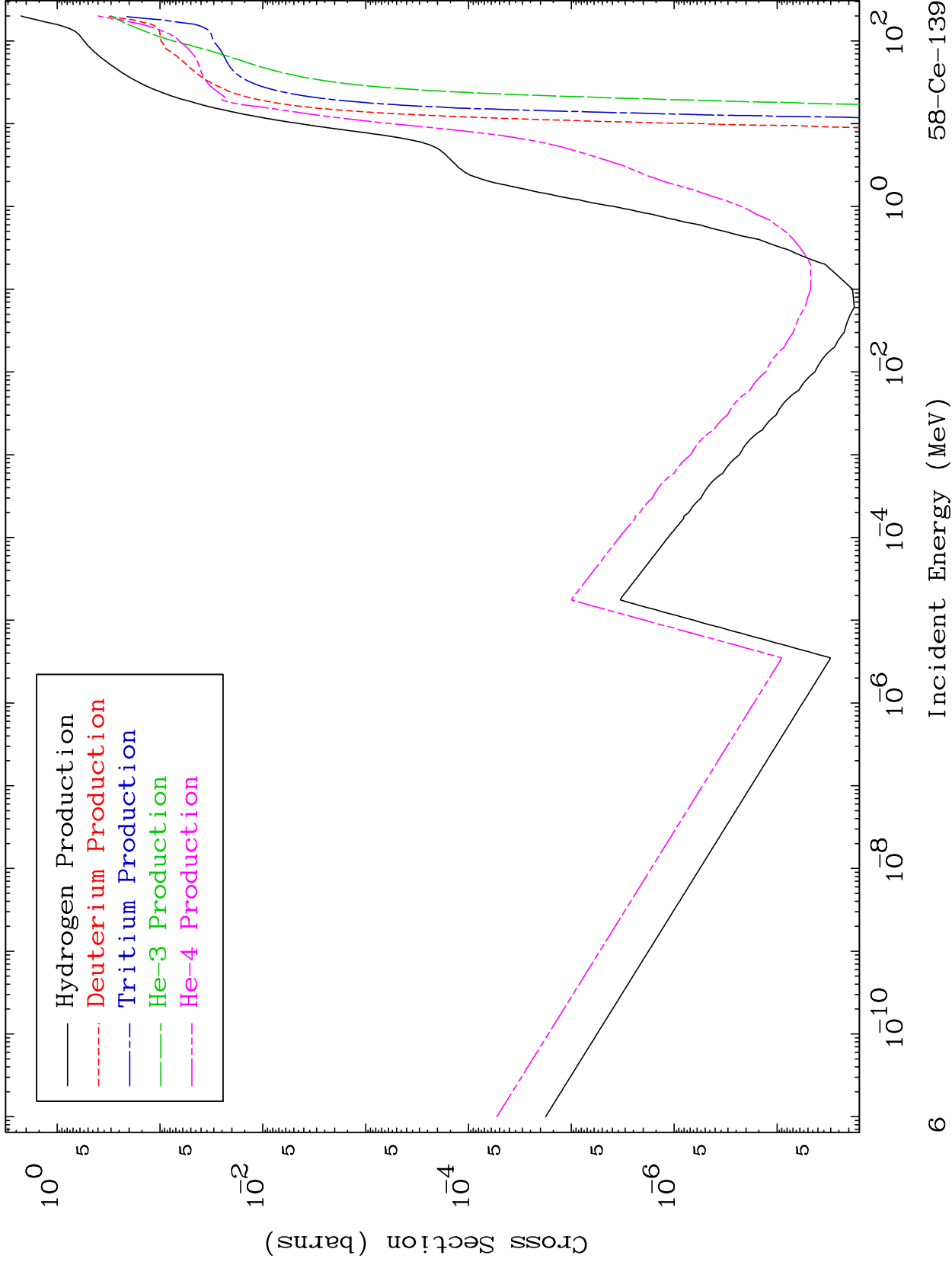
58-Ce-139



MAT 5835

Particle Production
293 Kelvin Cross Sections

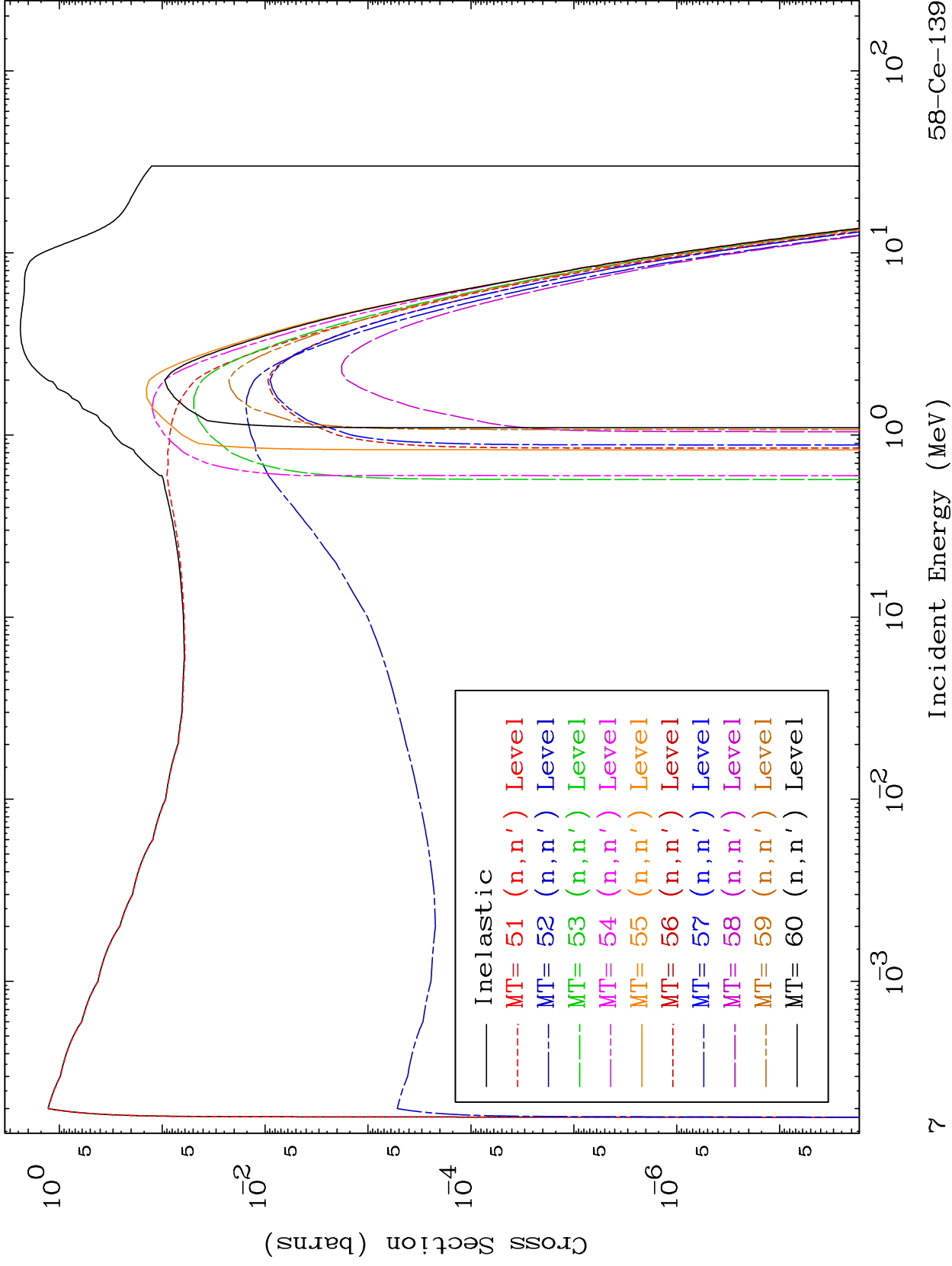
58-Ce-139



MAT 5835

(n,n') Level
293 Kelvin Cross Sections

58-Ce-139

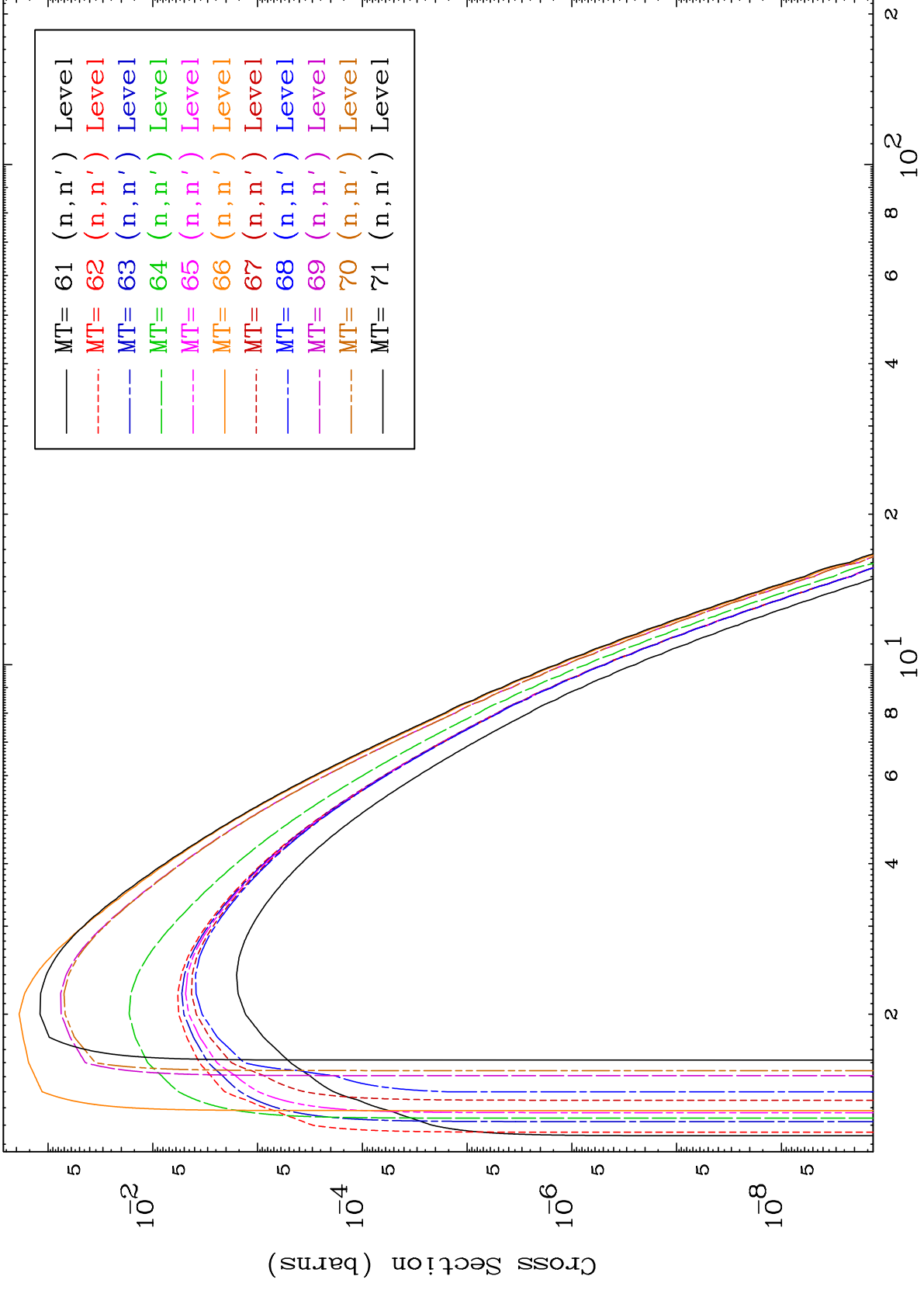


MAT 5835

(n,n') Level

58-Ce-139

293 Kelvin Cross Sections



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Incident Energy (MeV)

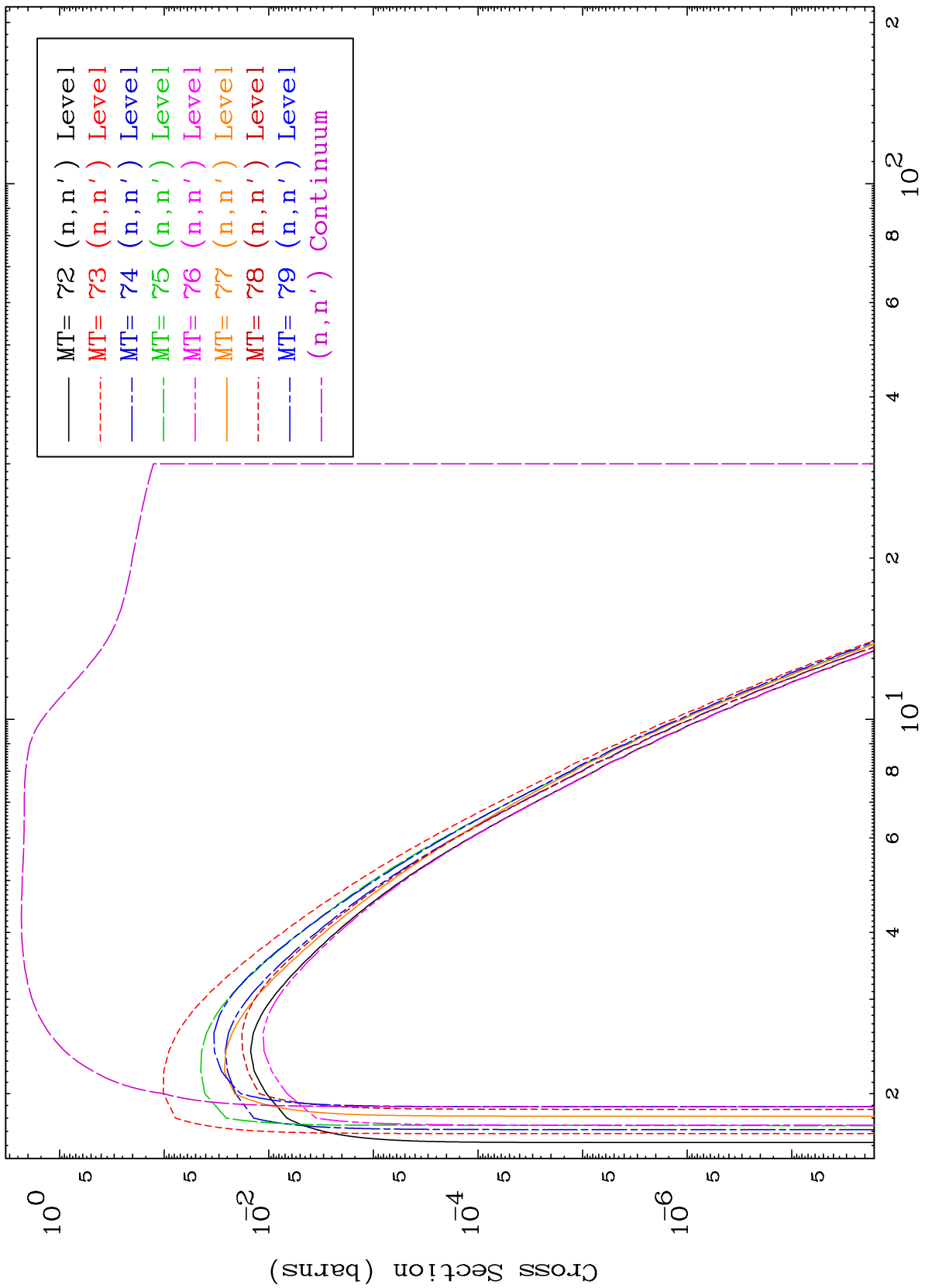
58-Ce-139

MAT 5835

(n,n') Level

58-Ce-139

293 Kelvin Cross Sections



9

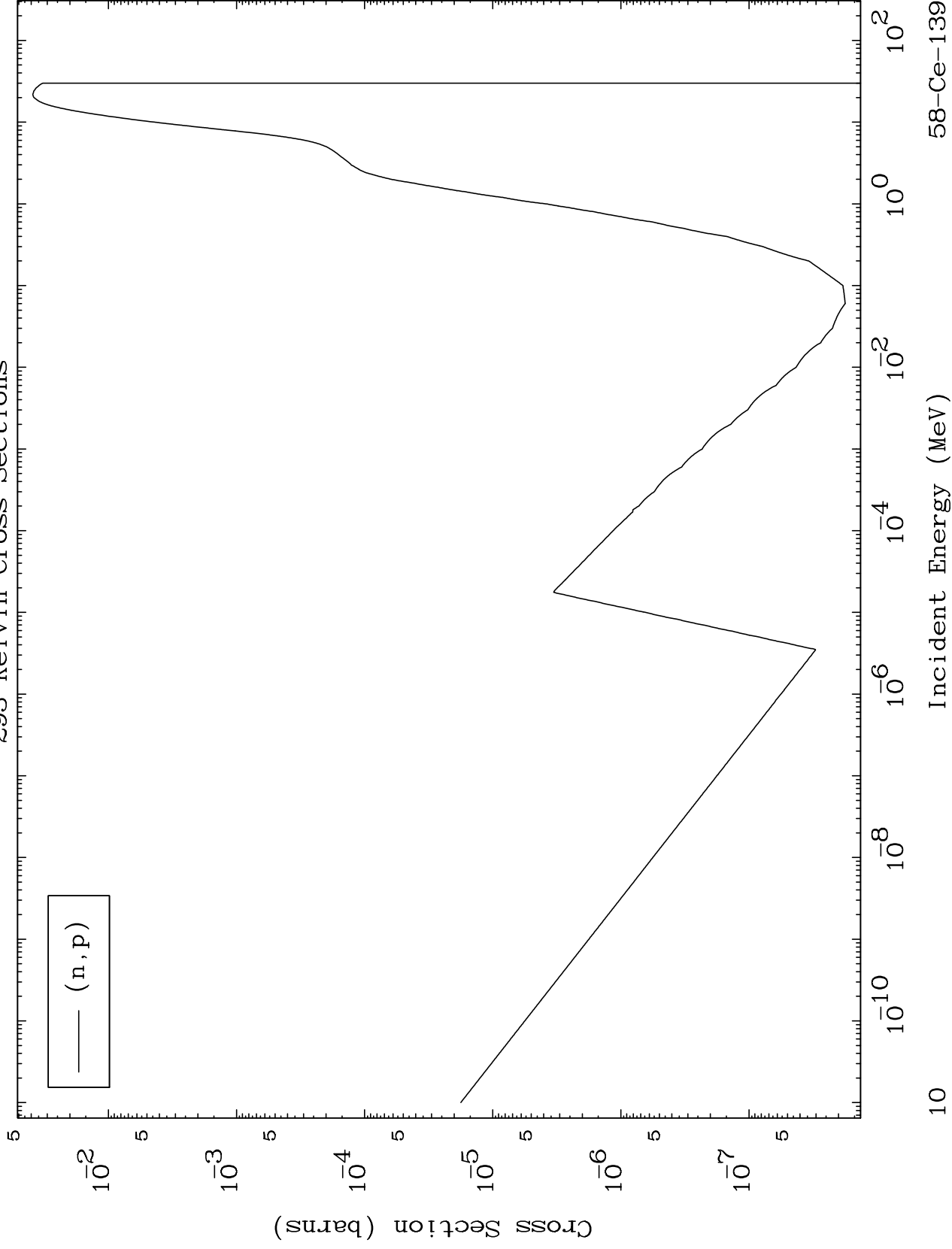
Incident Energy (MeV)

58-Ce-139

MAT 5835

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-139



10

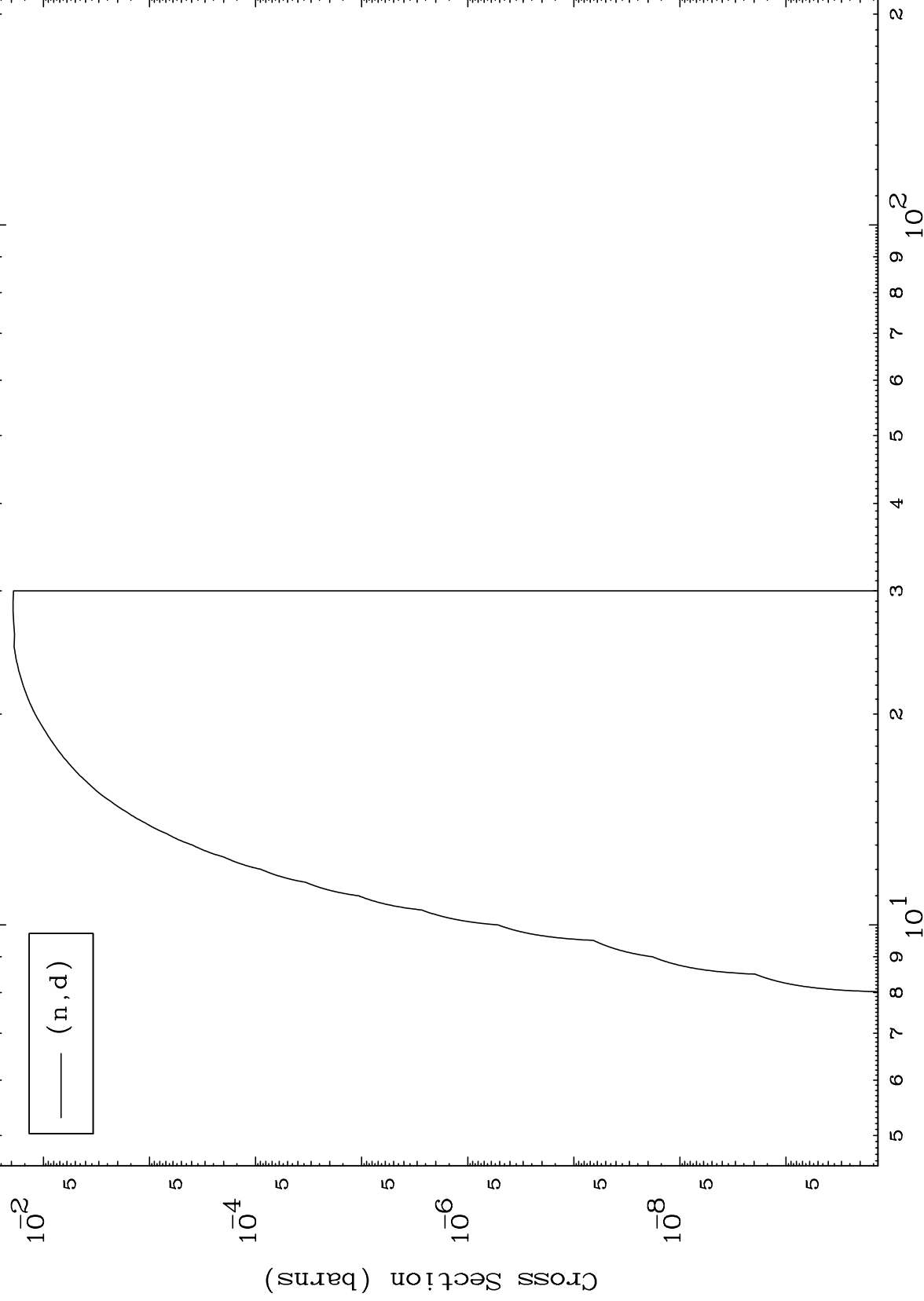
Incident Energy (MeV)

58-Ce-139

MAT 5835

(n,d) Levels
293 Kelvin Cross Sections

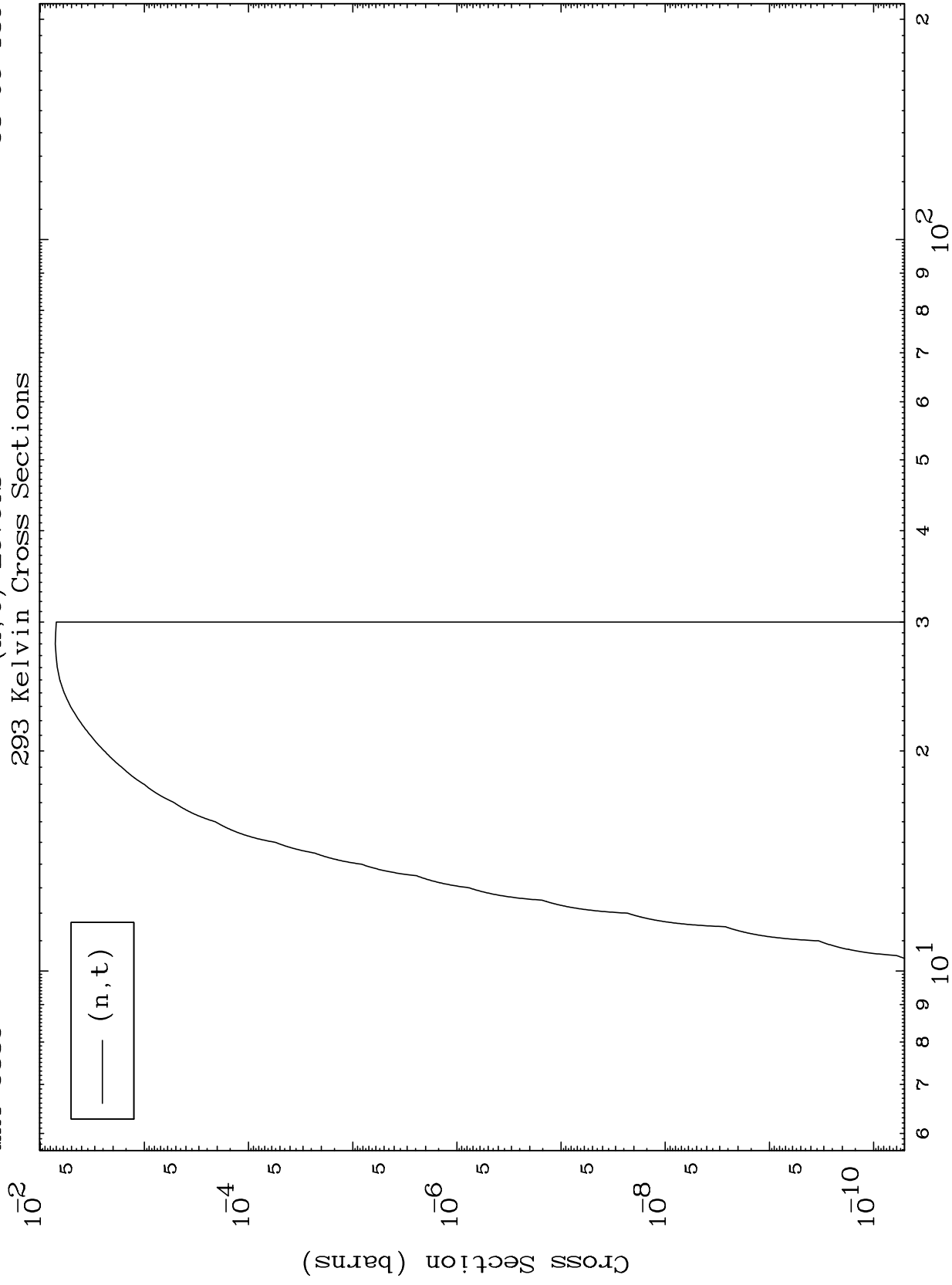
58-Ce-139



MAT 5835

(n, t) Levels
293 Kelvin Cross Sections

58-Ce-139



12

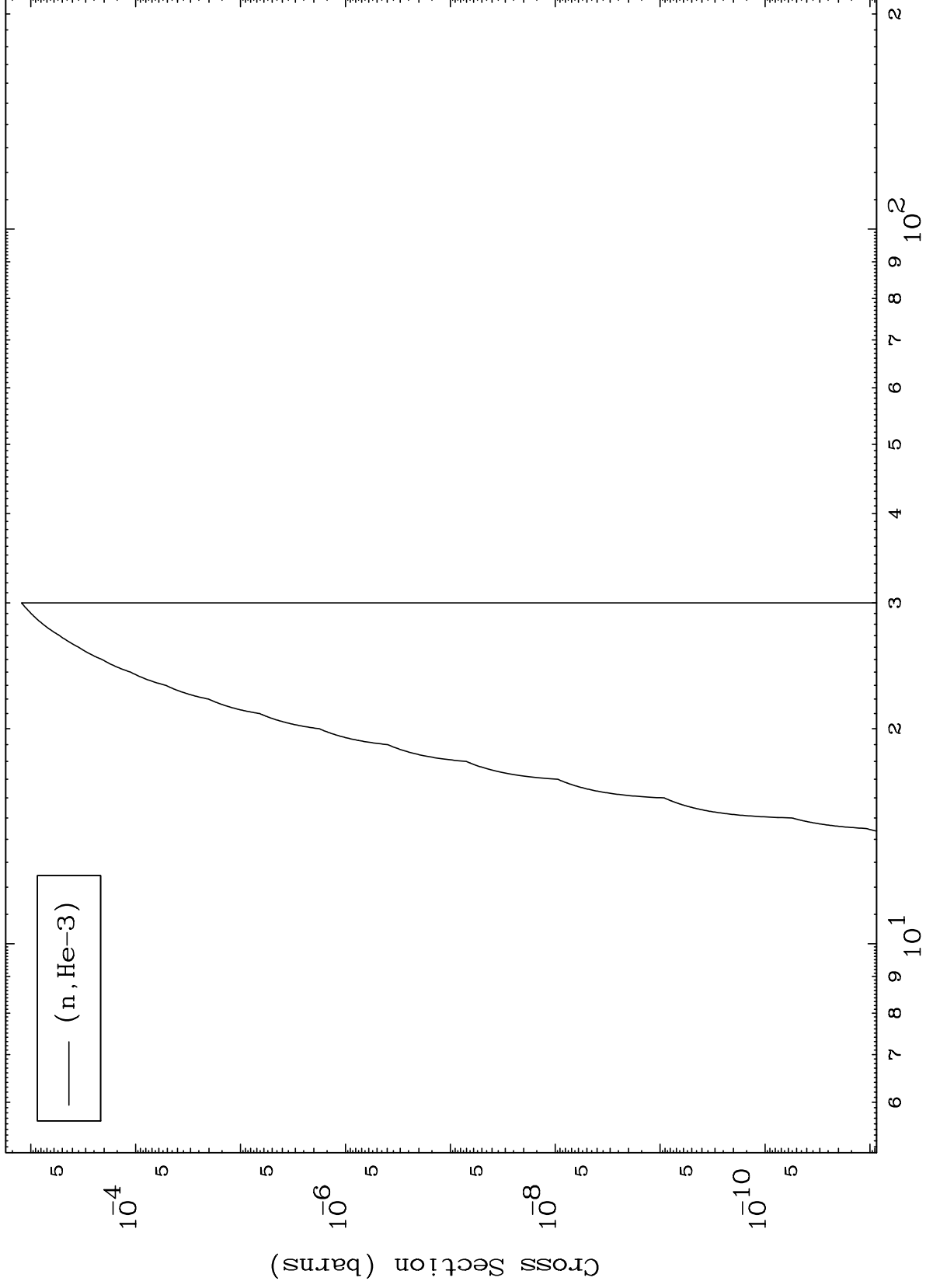
Incident Energy (MeV)

58-Ce-139

MAT 5835

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-139



13

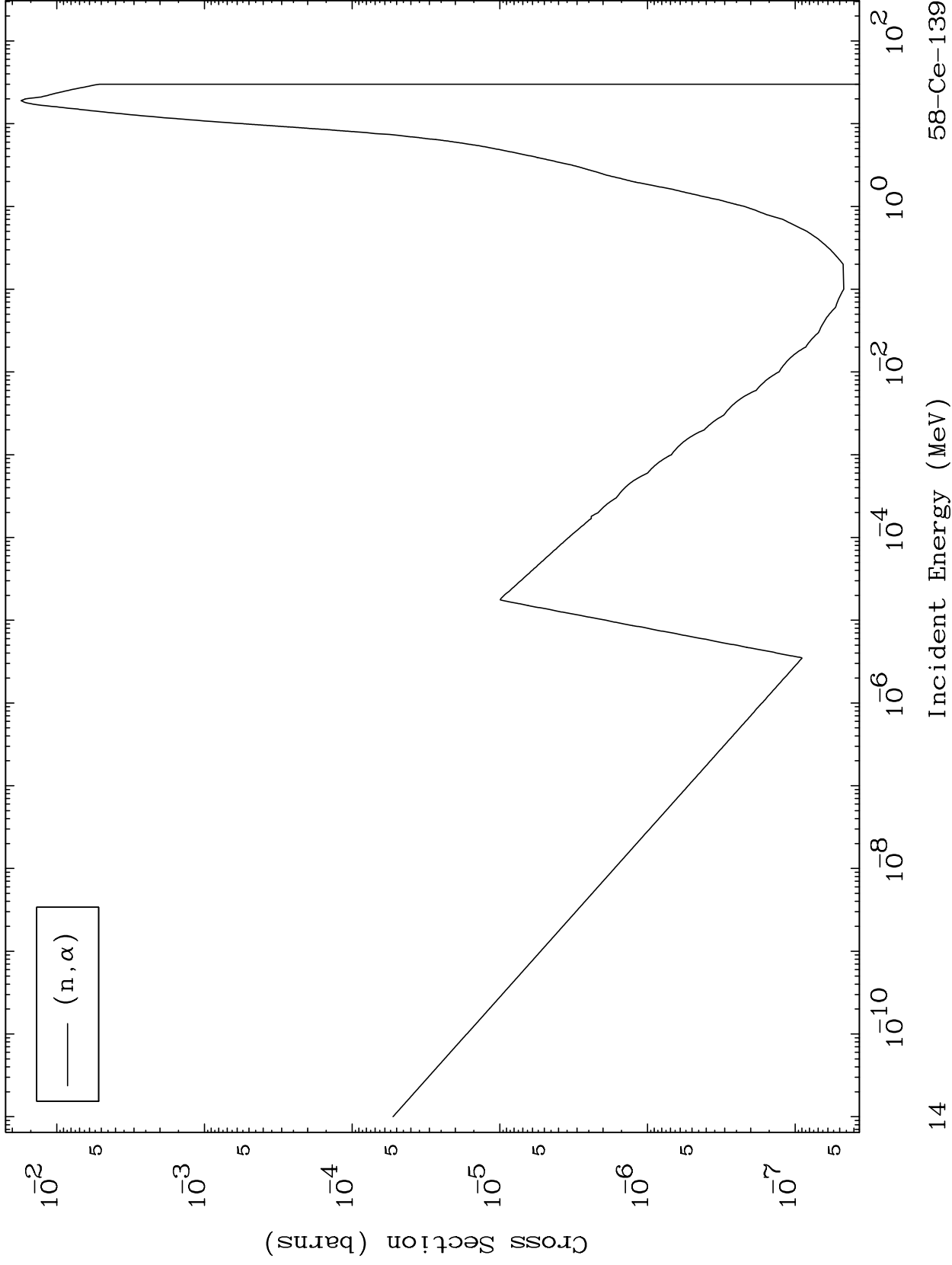
Incident Energy (MeV)

58-Ce-139

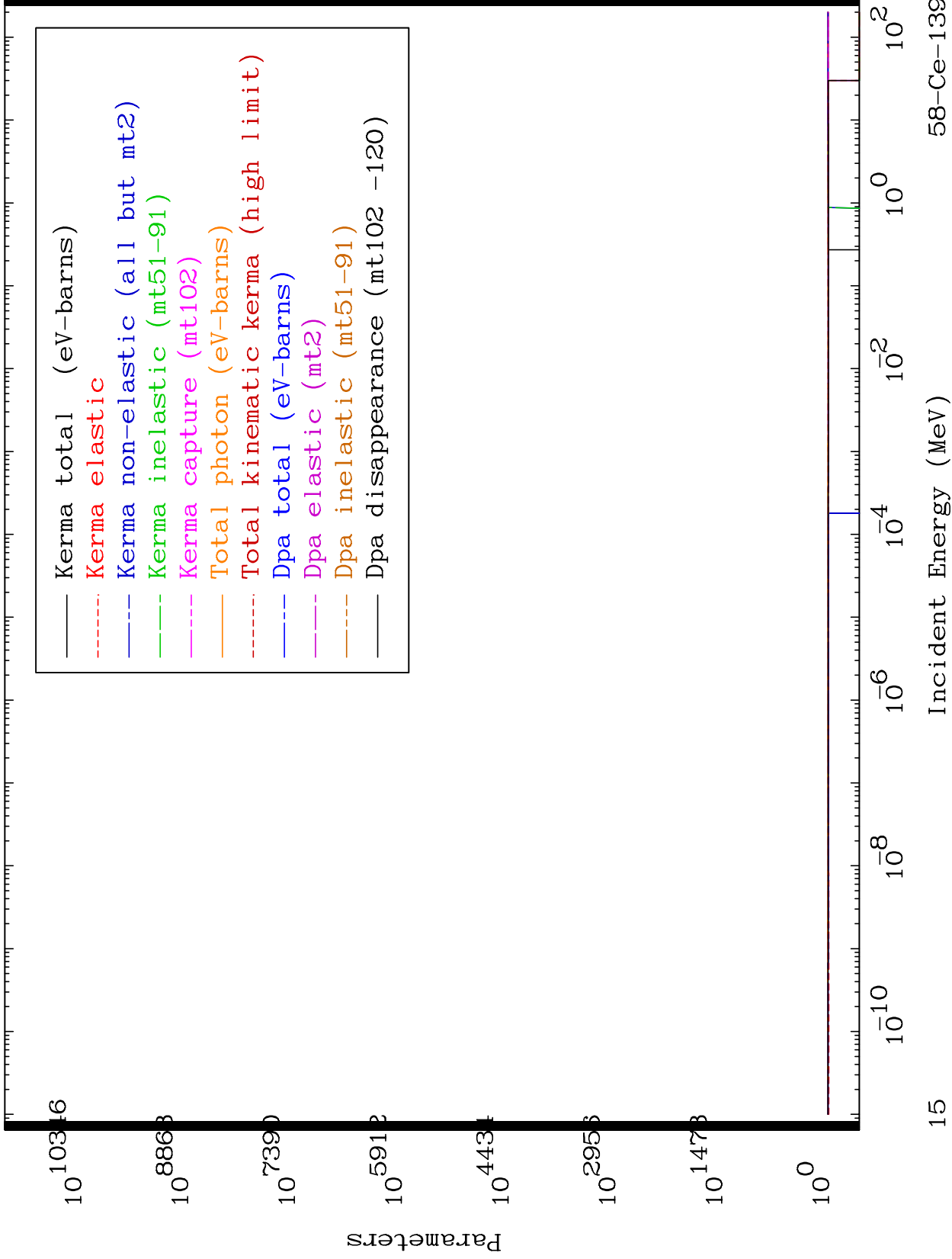
MAT 5835

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-139



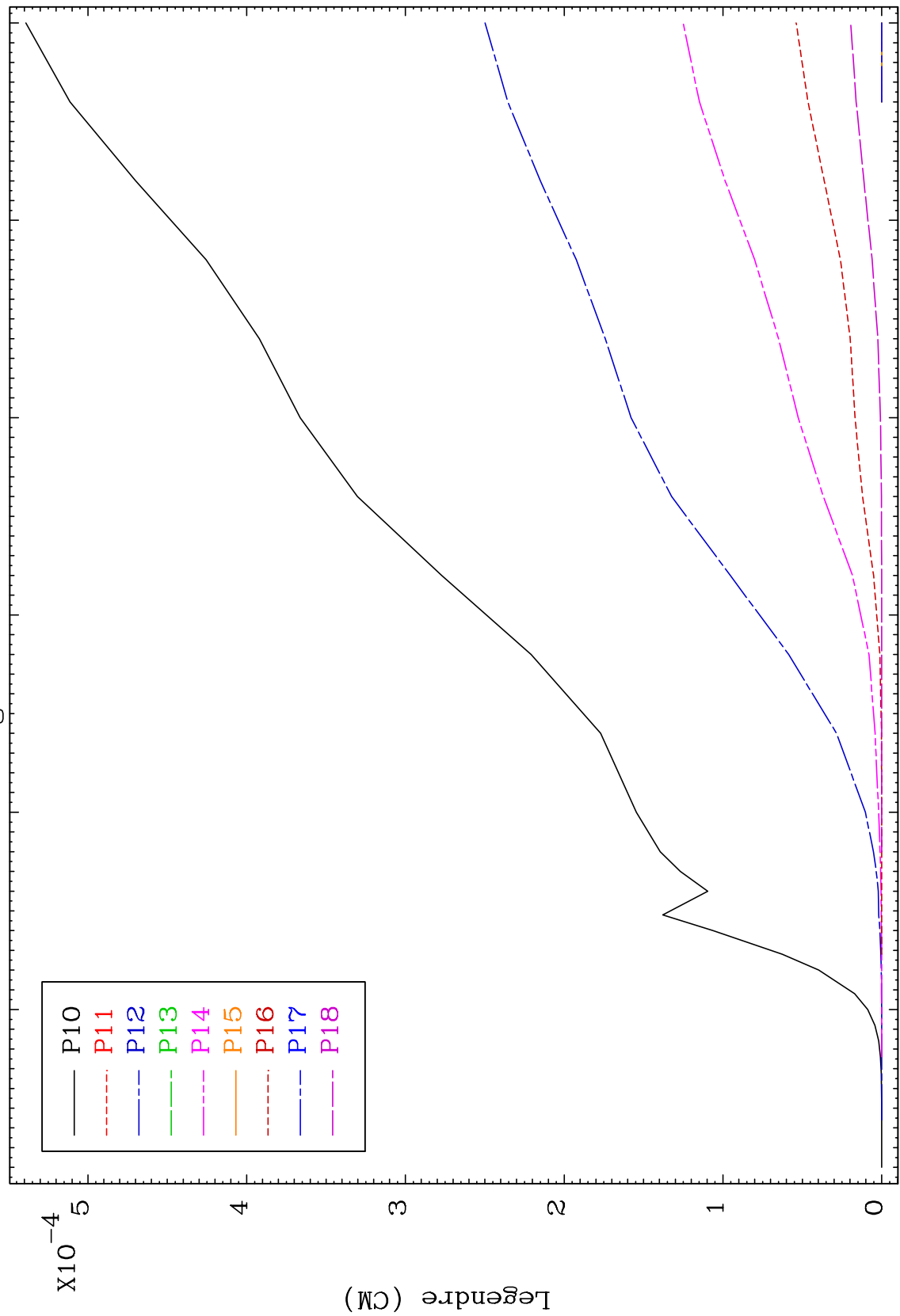
58-Ce-139



MAT 5835

Elastic Legendre Coefficients

58-Ce-139



17

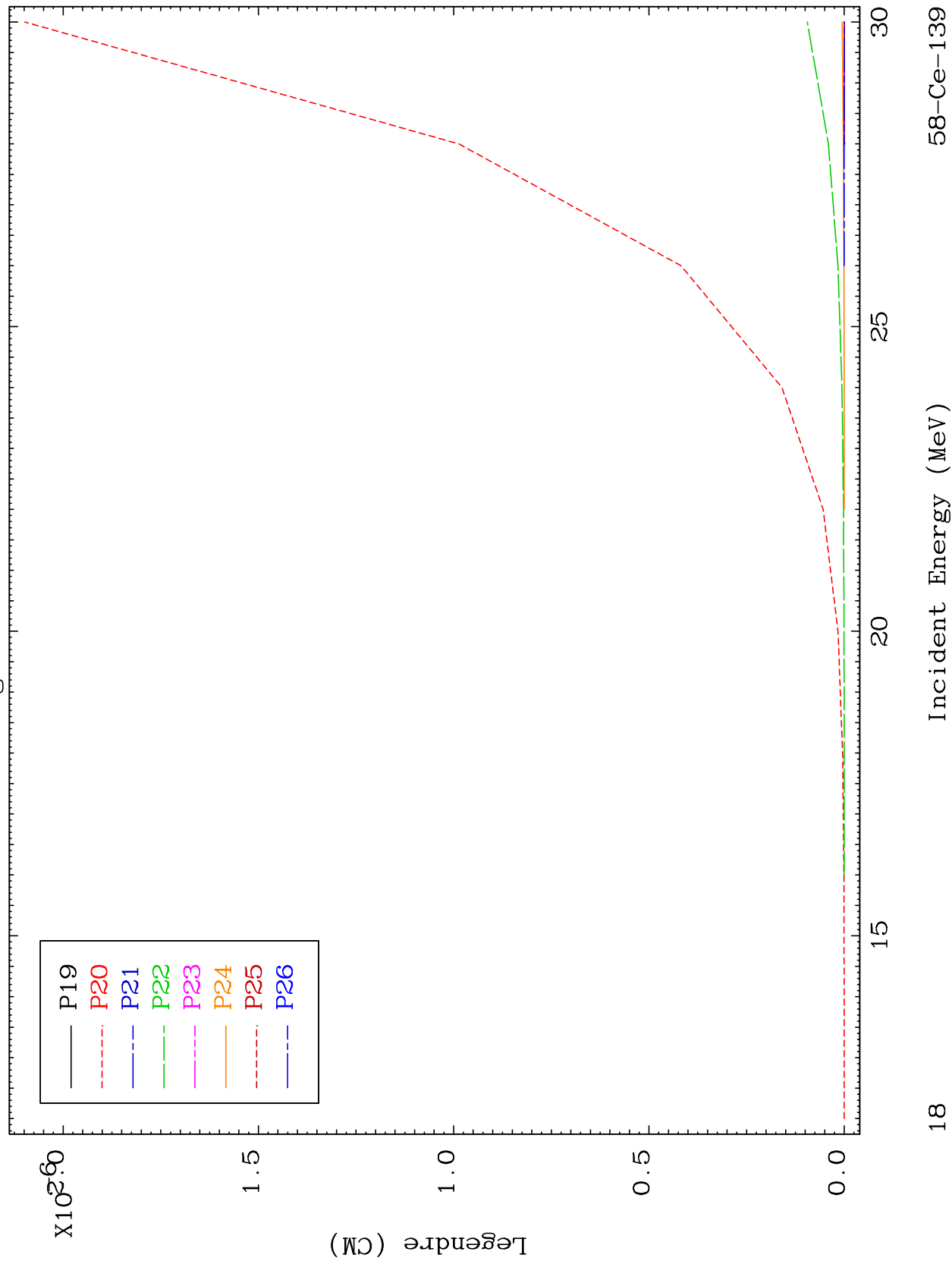
Incident Energy (MeV)

58-Ce-139

MAT 5835

Elastic
Legendre Coefficients

58-Ce-139



18

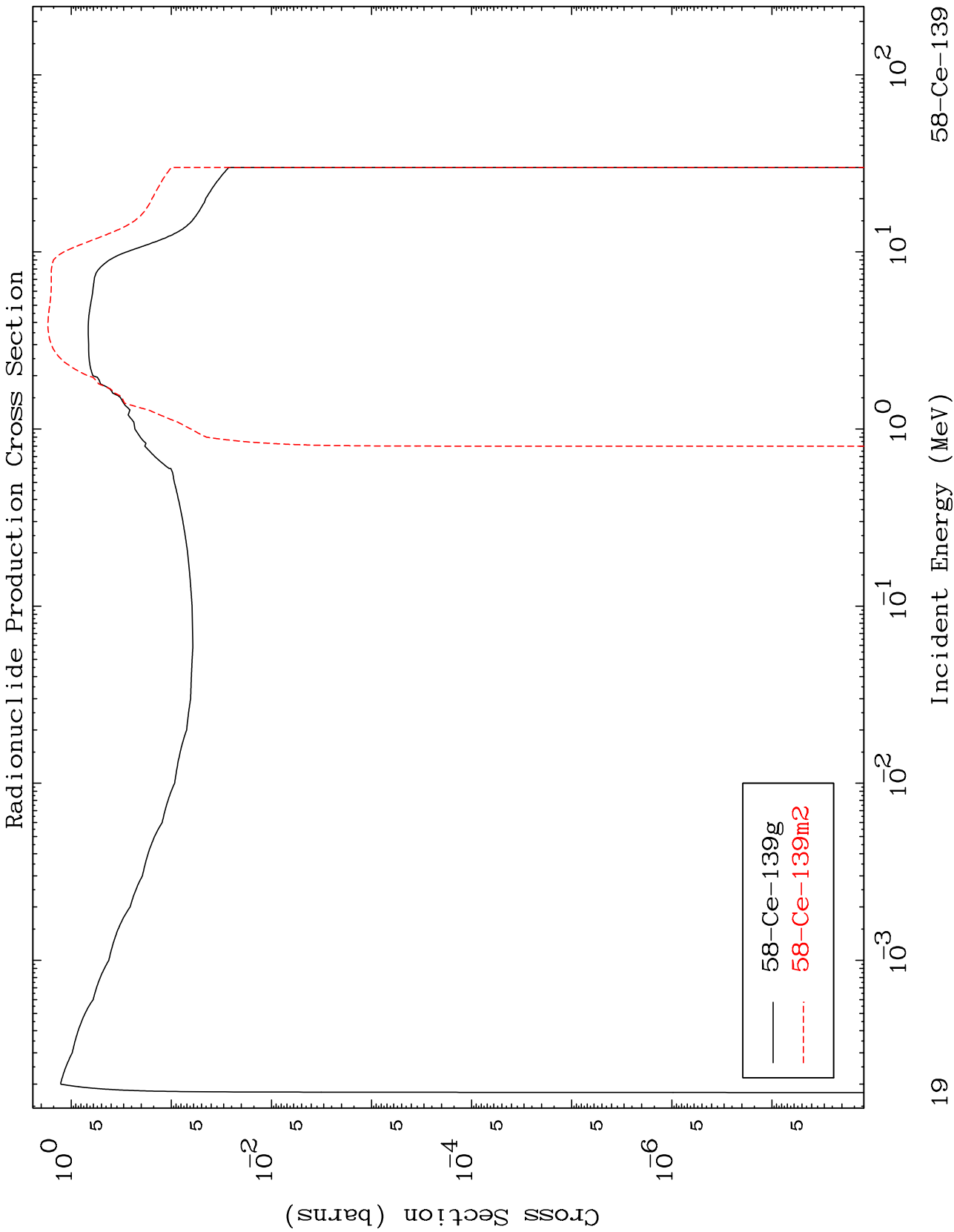
Incident Energy (MeV)

58-Ce-139

MAT 5835

58-Ce-139

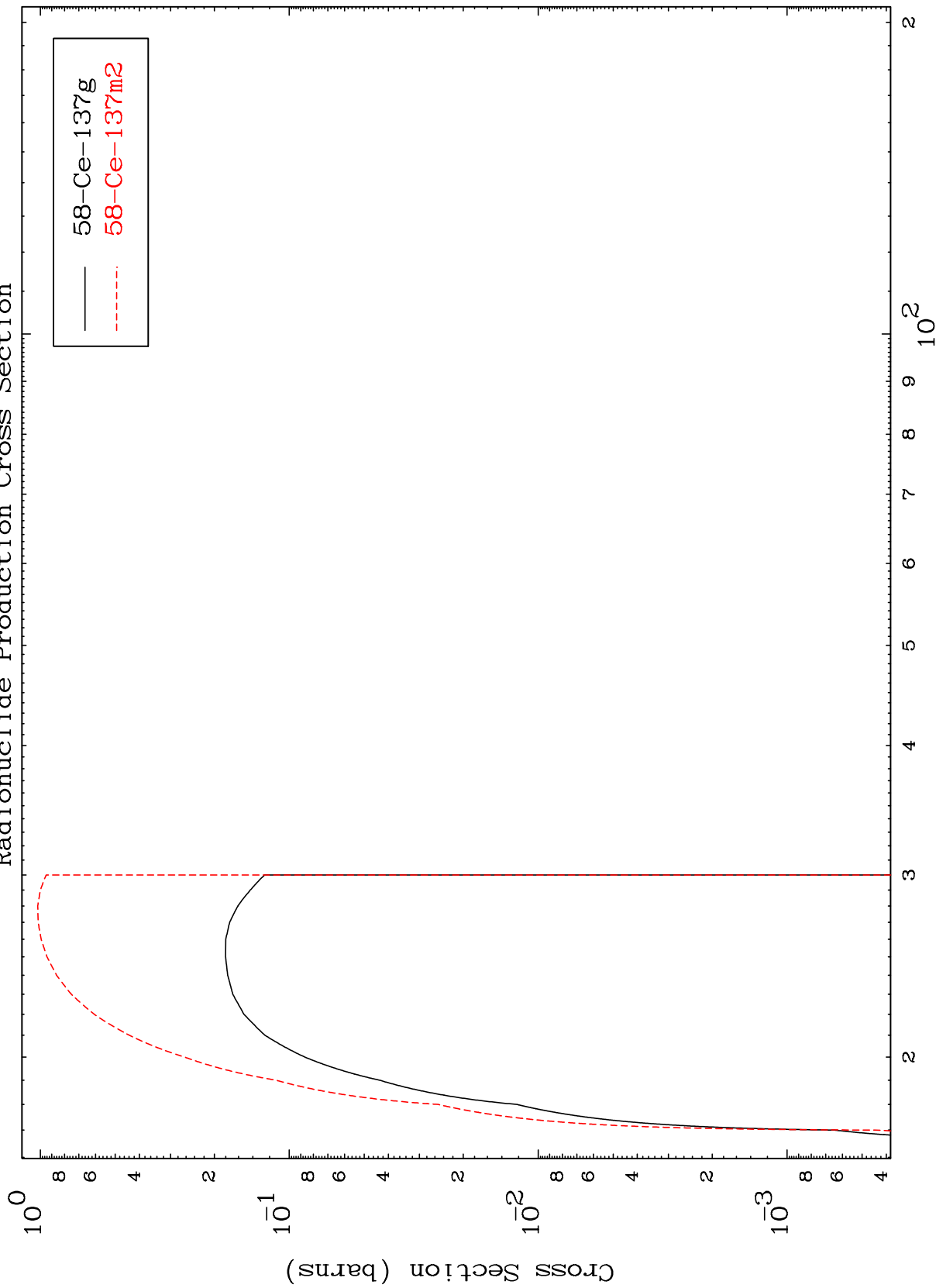
Inelastic
Radionuclide Production Cross Section



MAT 5835

58-Ce-139

(n,3n)
Radionuclide Production Cross Section



58-Ce-139

Incident Energy (MeV)

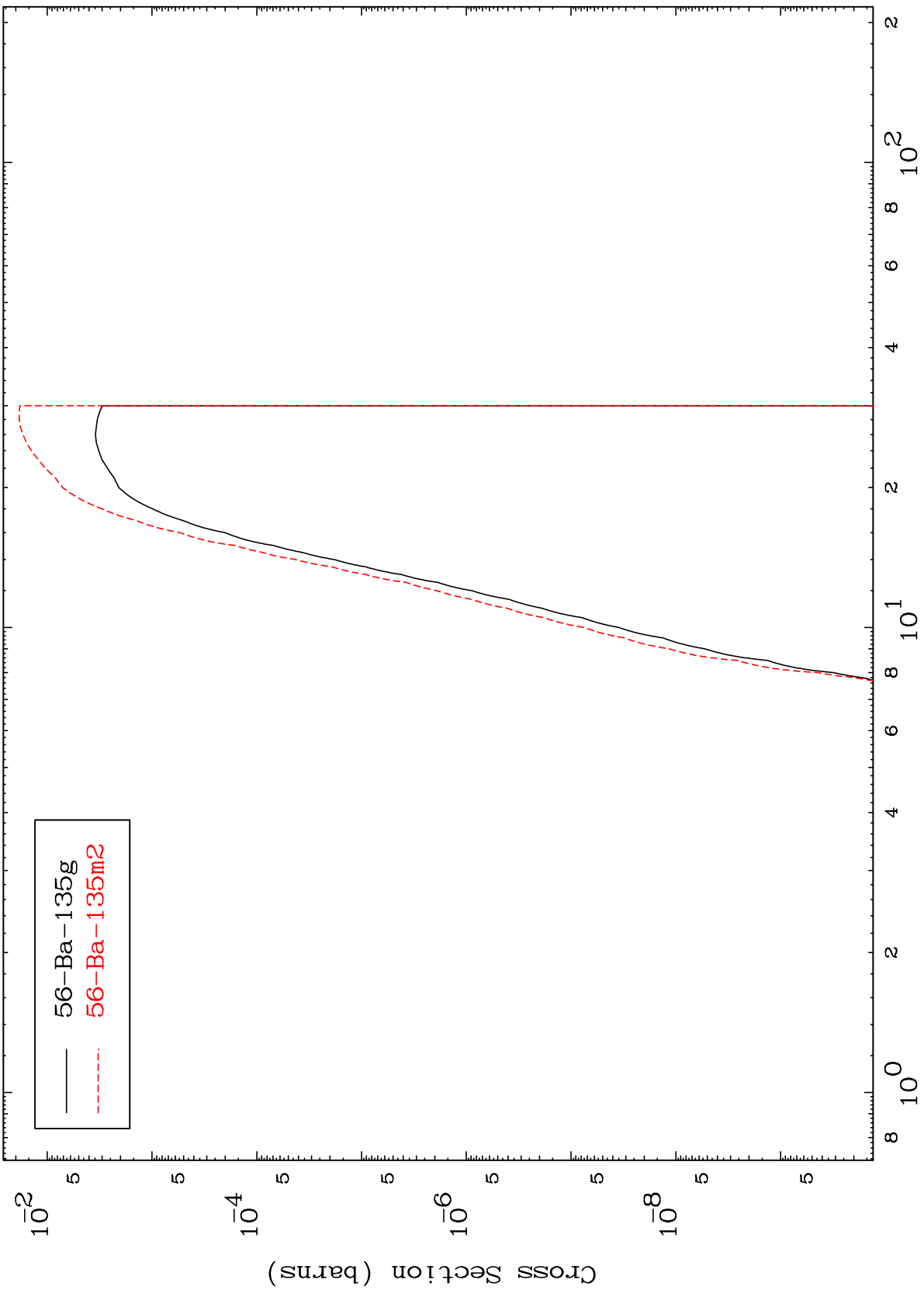
20

MAT 5835

(n,n') α

58-Ce-139

Radionuclide Production Cross Section

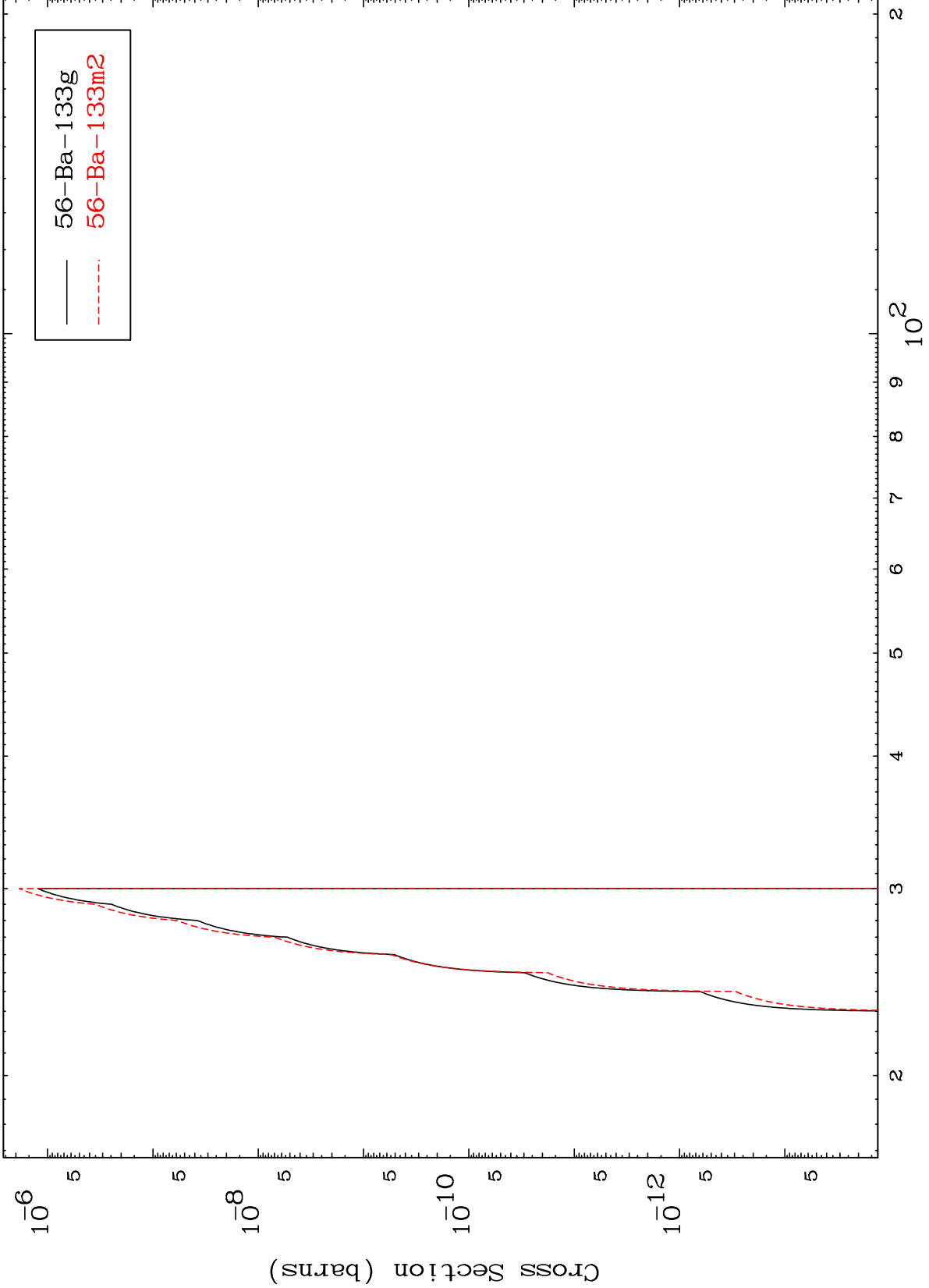


MAT 5835

(n,3n) α

58-Ce-139

Radionuclide Production Cross Section



22

Incident Energy (MeV)

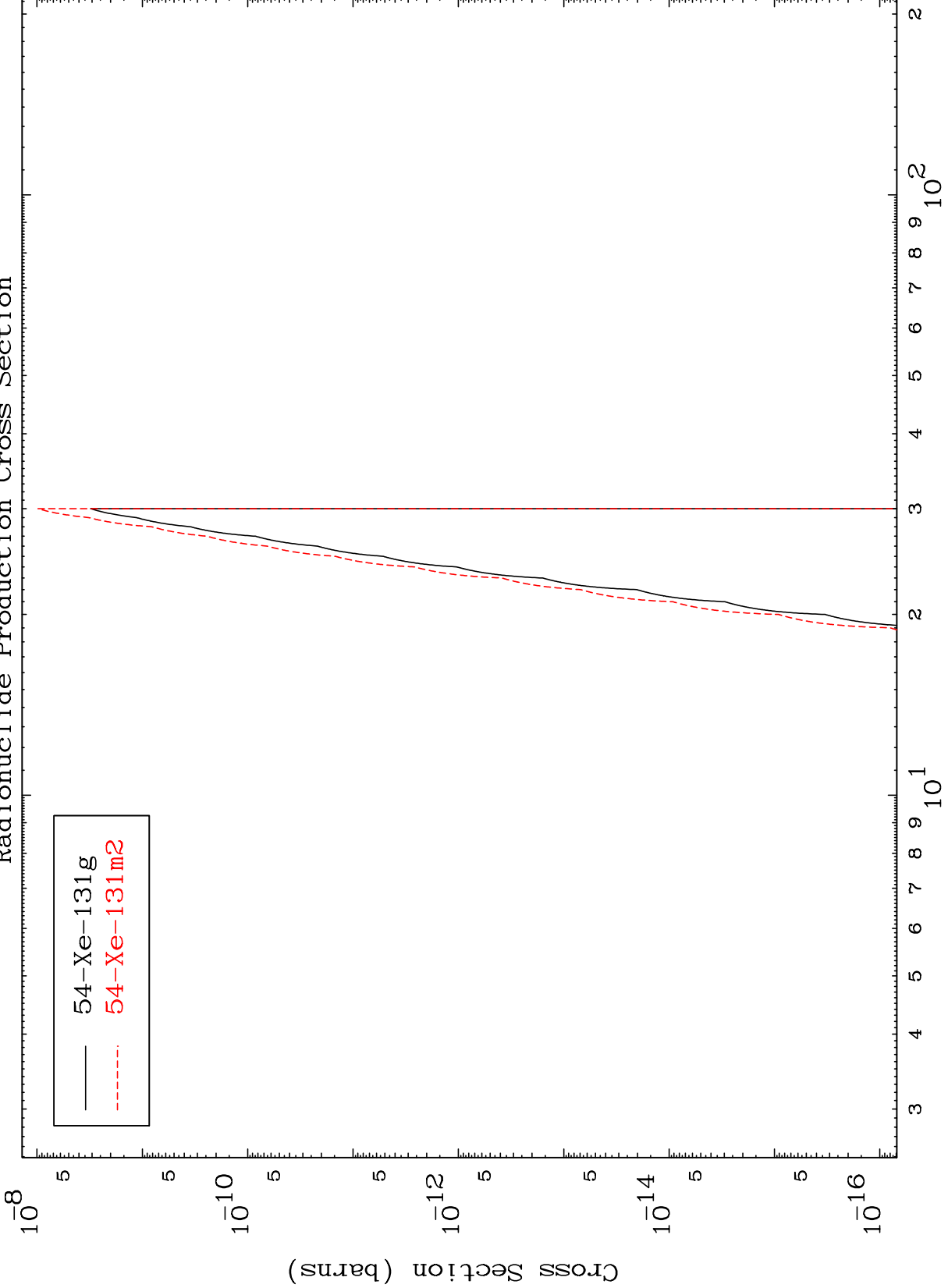
58-Ce-139

MAT 5835

(n,n') 2α

58-Ce-139

Radionuclide Production Cross Section



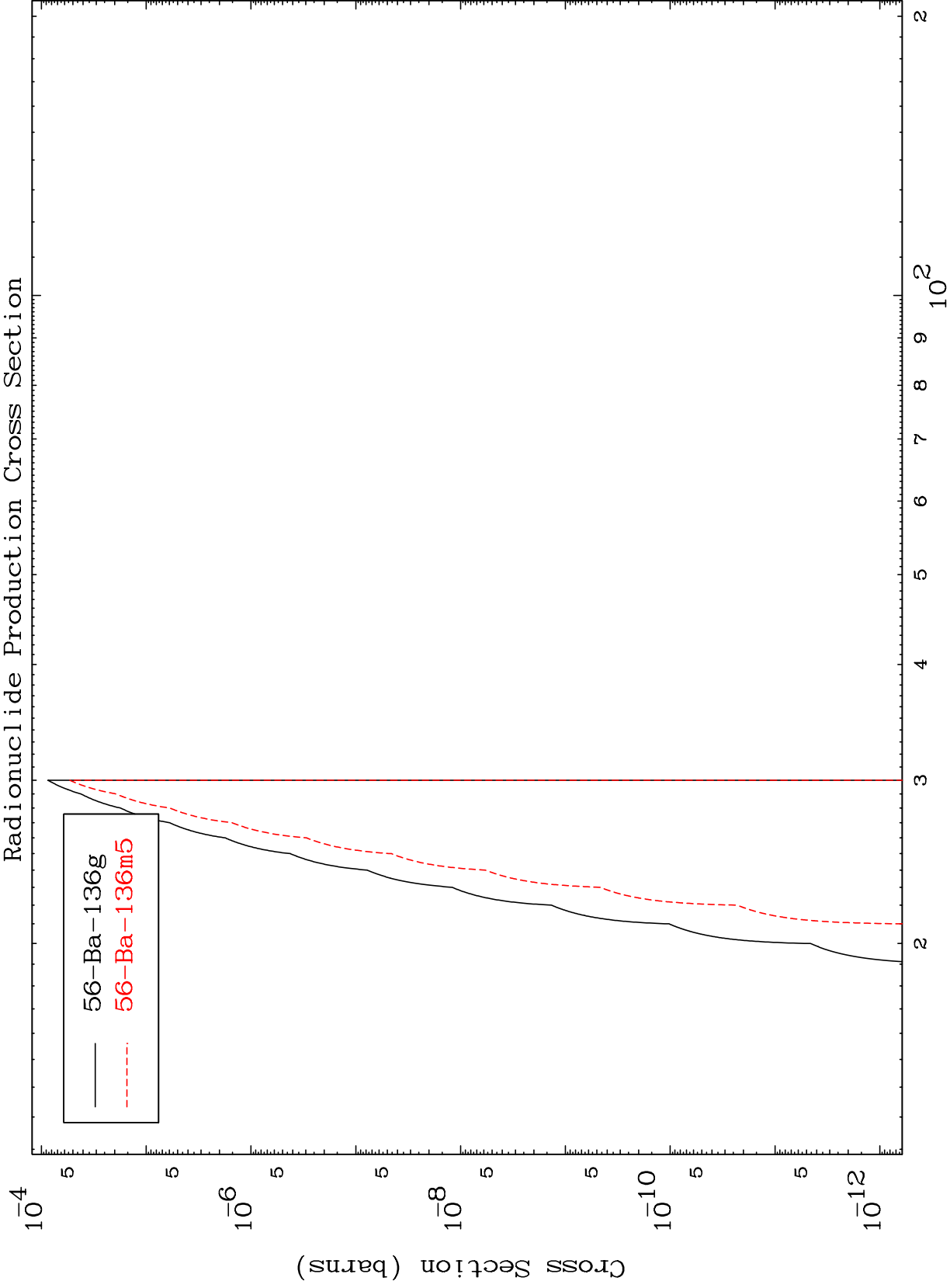
— 54-Xe-131g
- - - 54-Xe-131m2

MAT 5835

(n,n') He-3

58-Ce-139

Radionuclide Production Cross Section



58-Ce-139

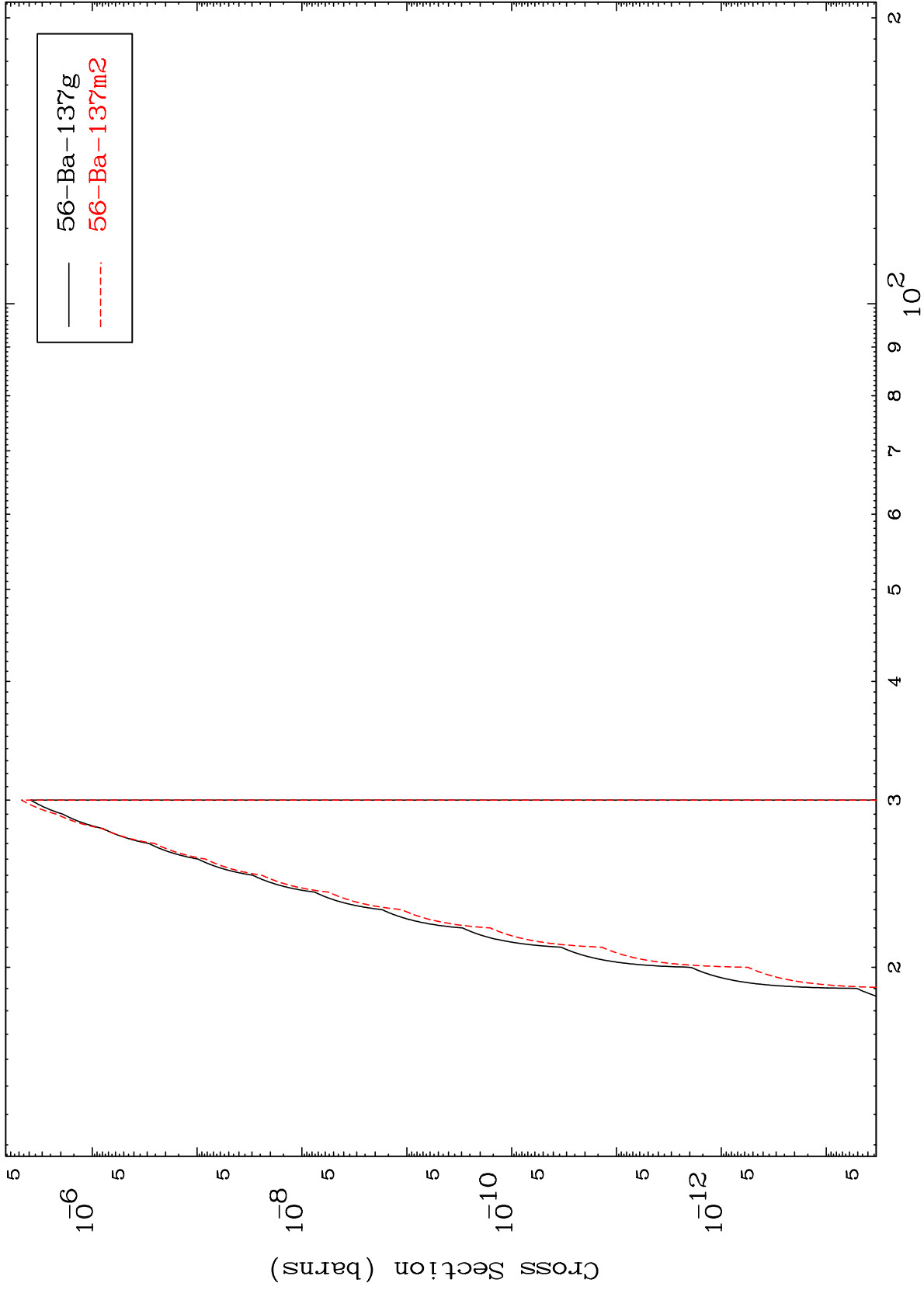
24

MAT 5835

(n,2n) p

58-Ce-139

Radionuclide Production Cross Section



25

Incident Energy (MeV)

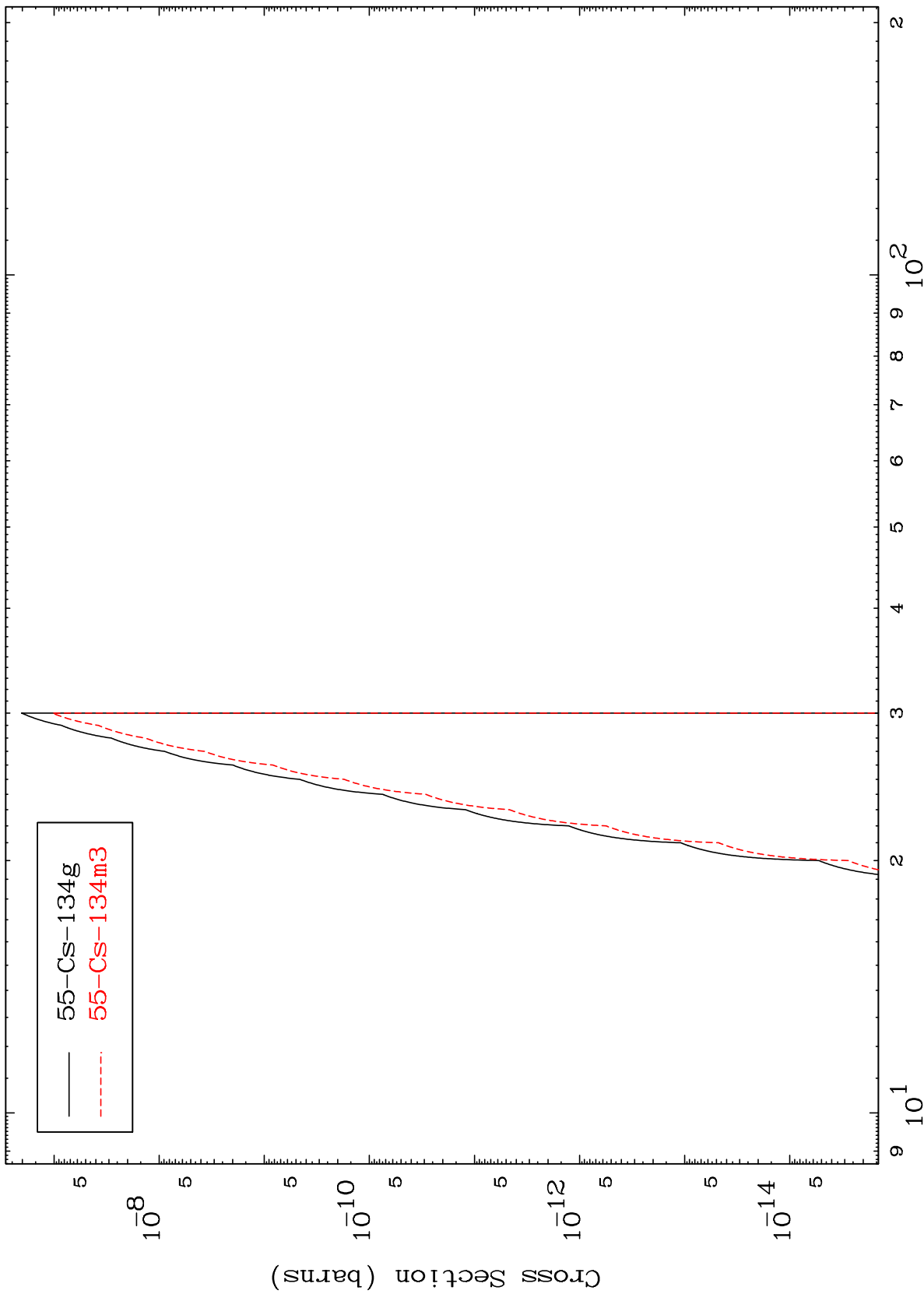
58-Ce-139

MAT 5835

(n,n') p α

58-Ce-139

Radionuclide Production Cross Section



26

Incident Energy (MeV)

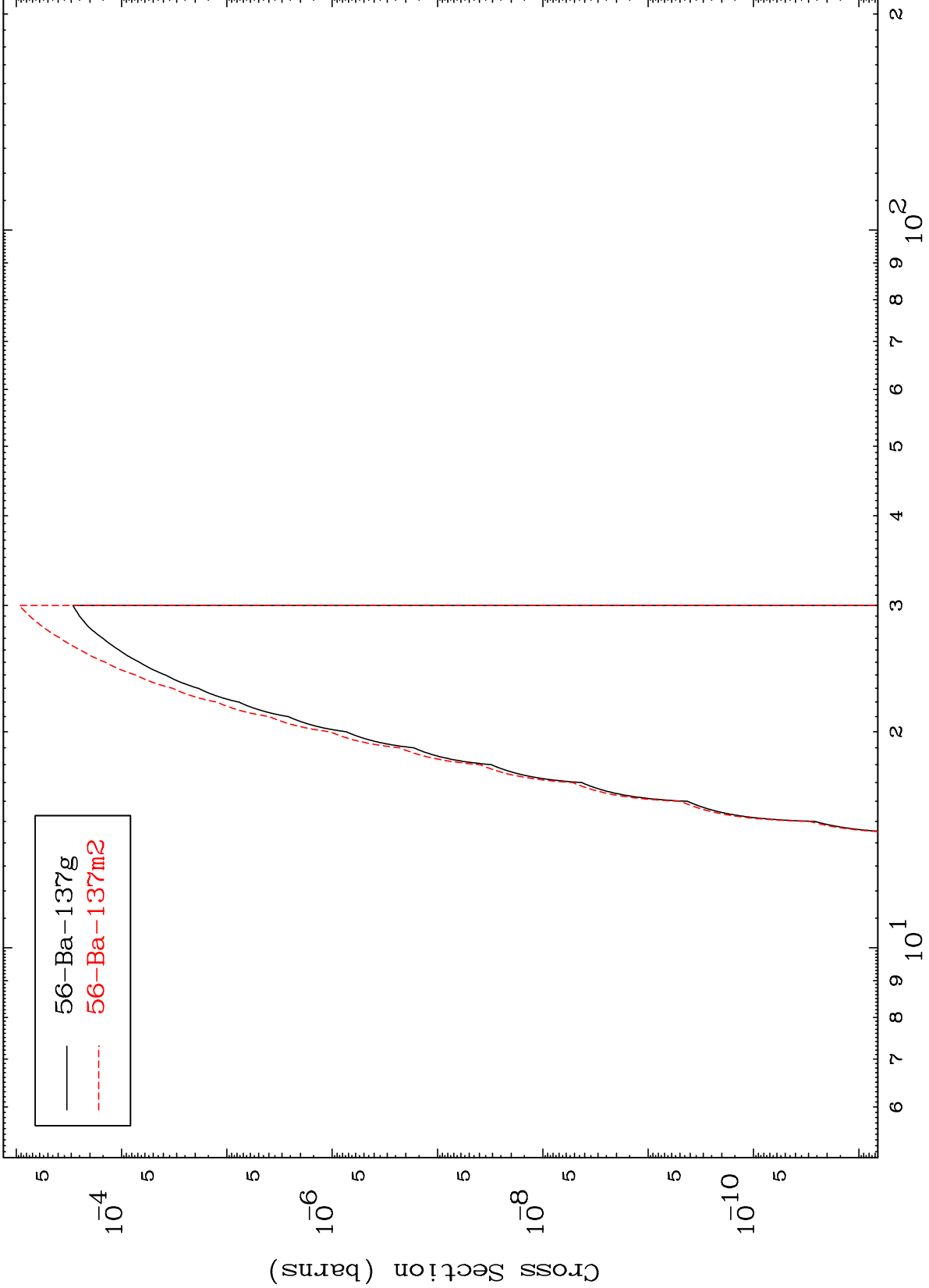
58-Ce-139

MAT 5835

(n,He-3)

58-Ce-139

Radionuclide Production Cross Section



27

Incident Energy (MeV)

58-Ce-139

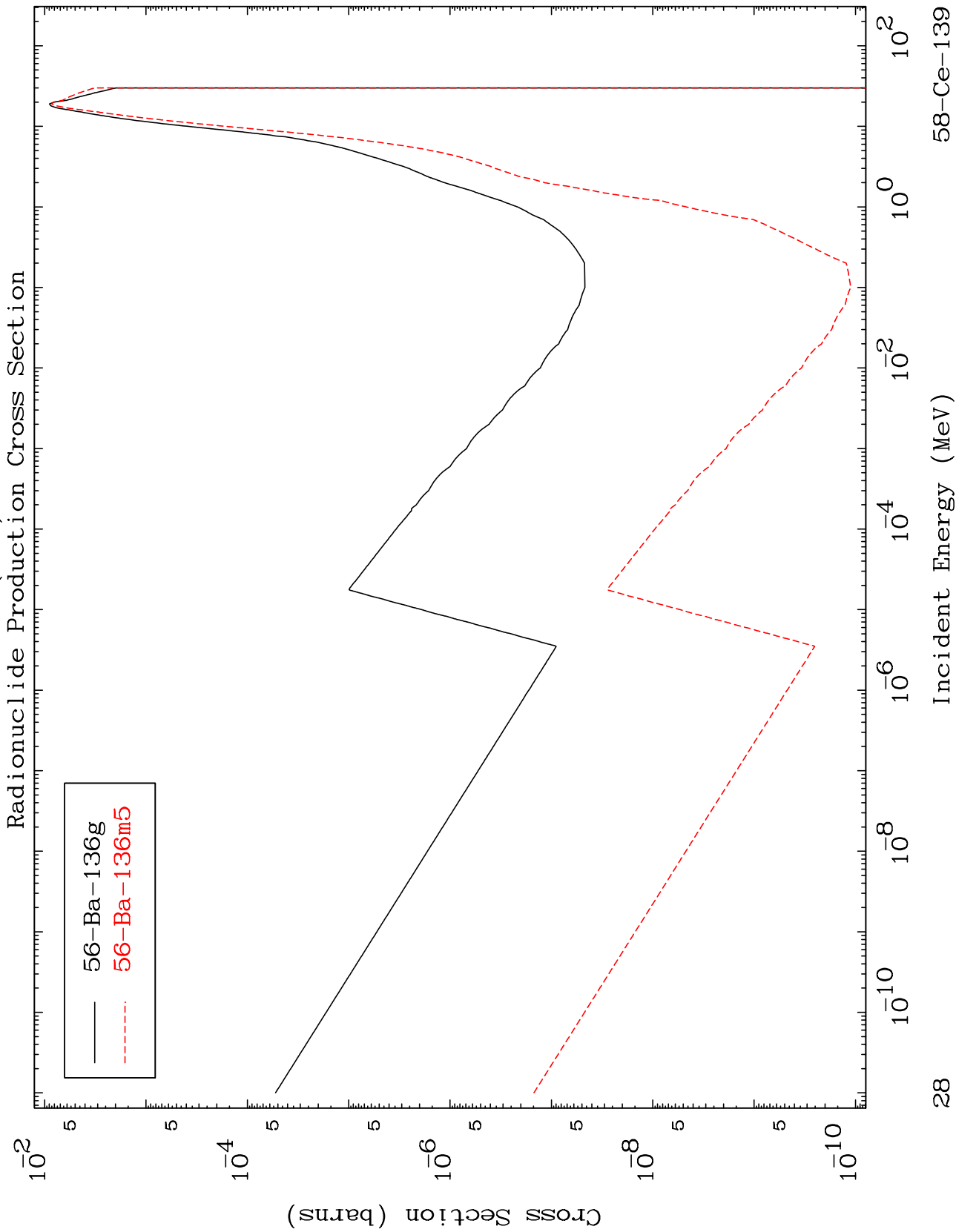
MAT 5835

58-Ce-139

Radionuclide Production Cross Section

(n, α)

58-Ce-139

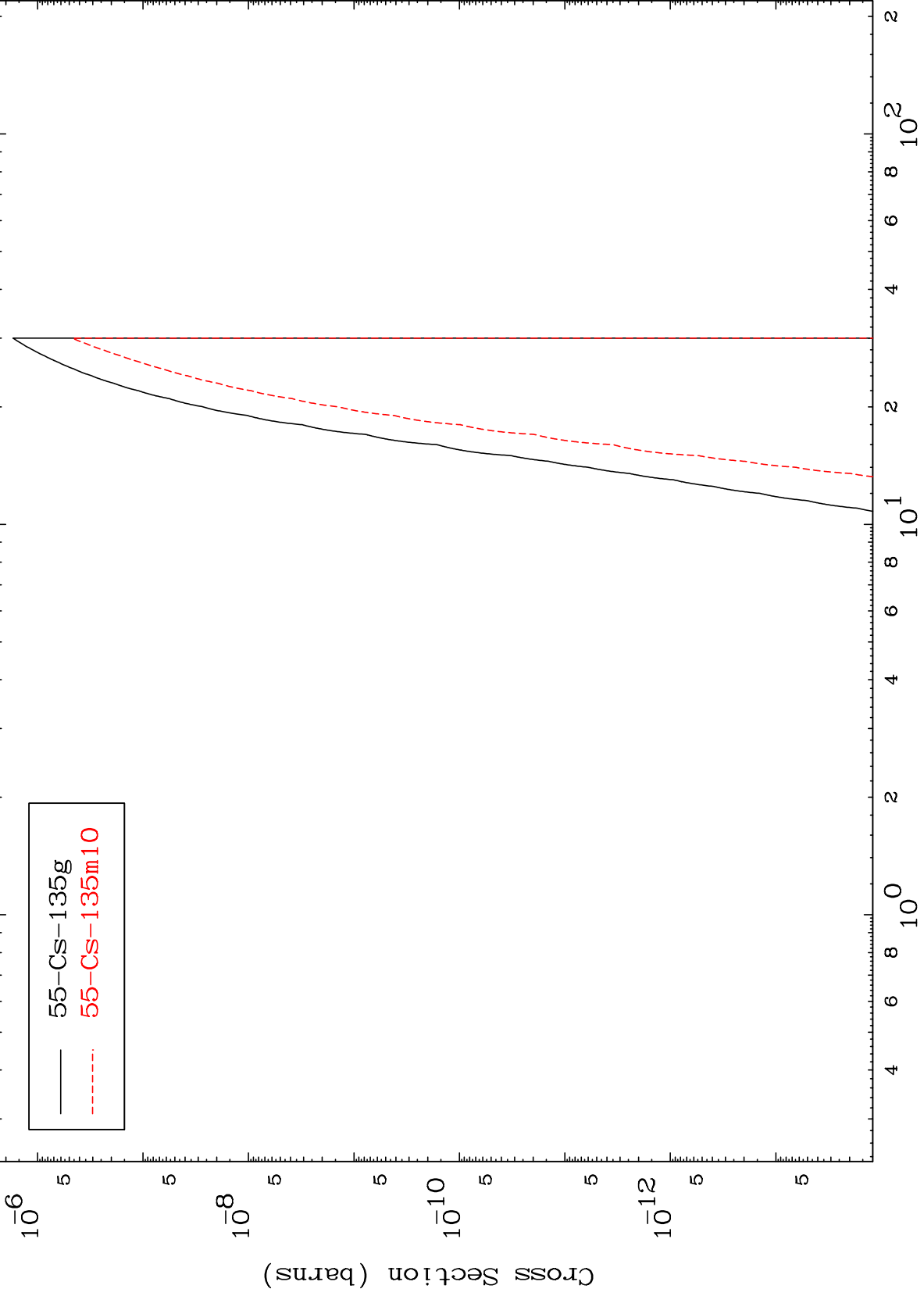


MAT 5835

(n,p) α

58-Ce-139

Radionuclide Production Cross Section



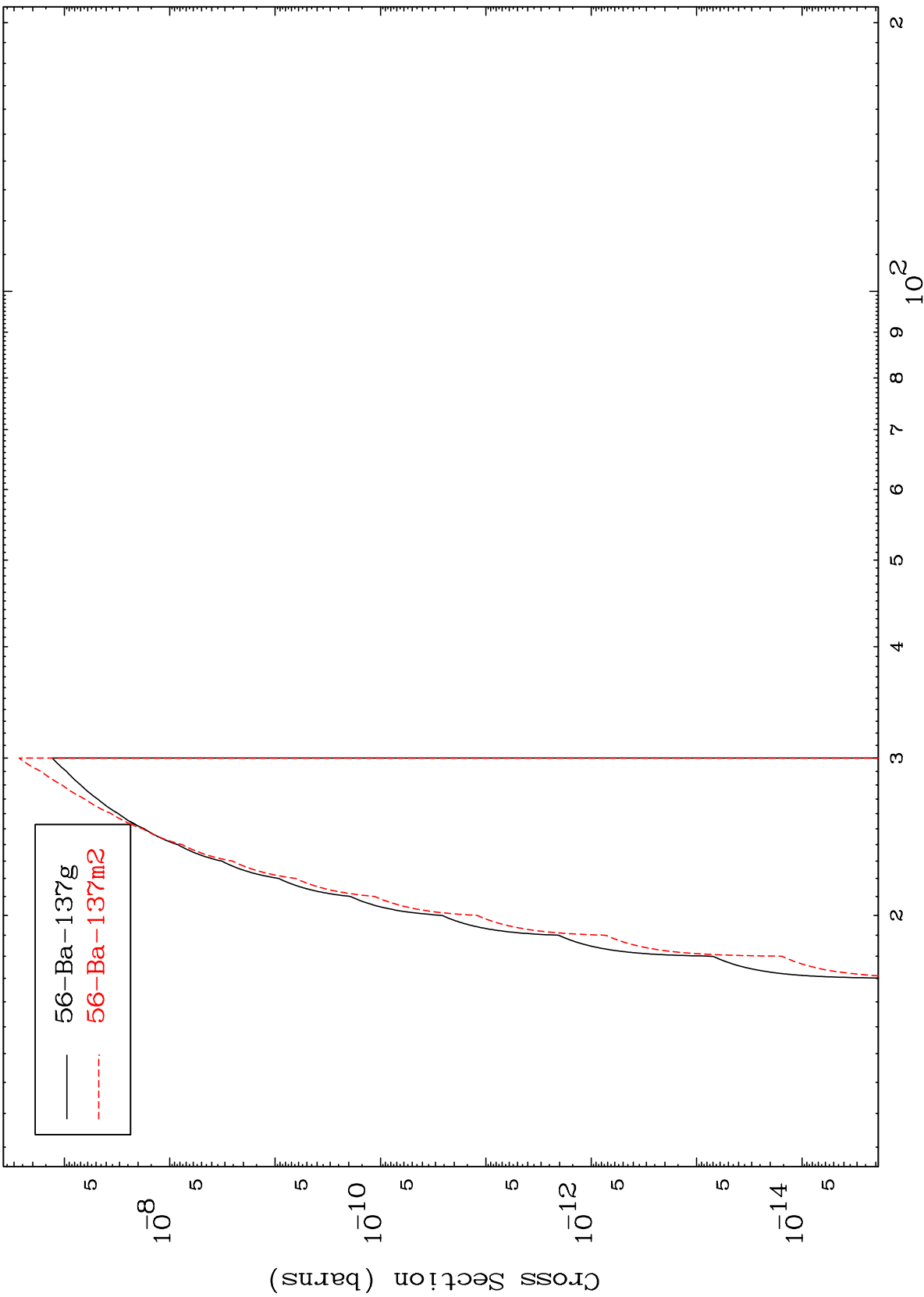
55-Cs-135g
55-Cs-135m10

MAT 5835

(n,p) d

58-Ce-139

Radionuclide Production Cross Section



30

Incident Energy (MeV)

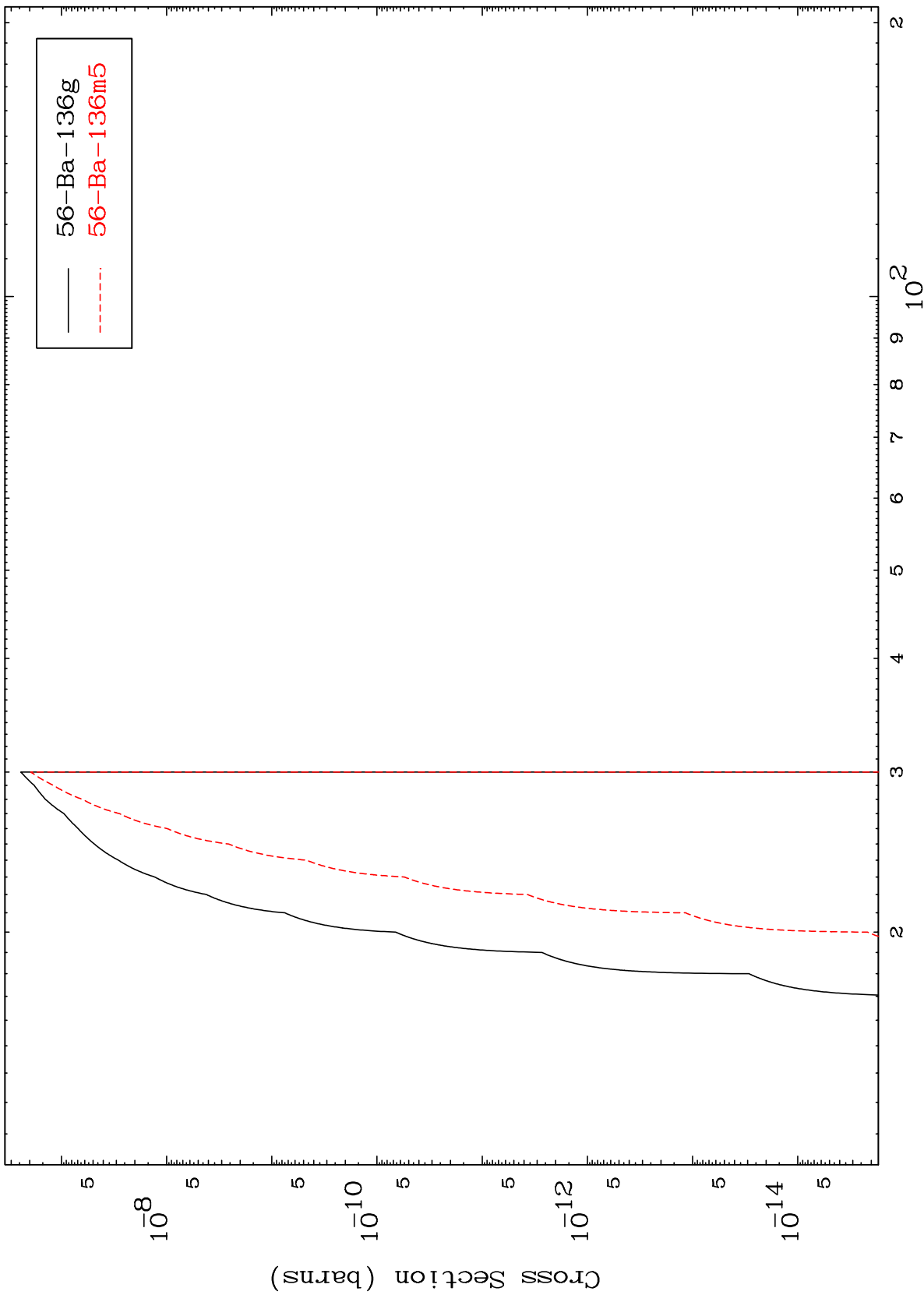
58-Ce-139

MAT 5835

(n,p) t

58-Ce-139

Radionuclide Production Cross Section

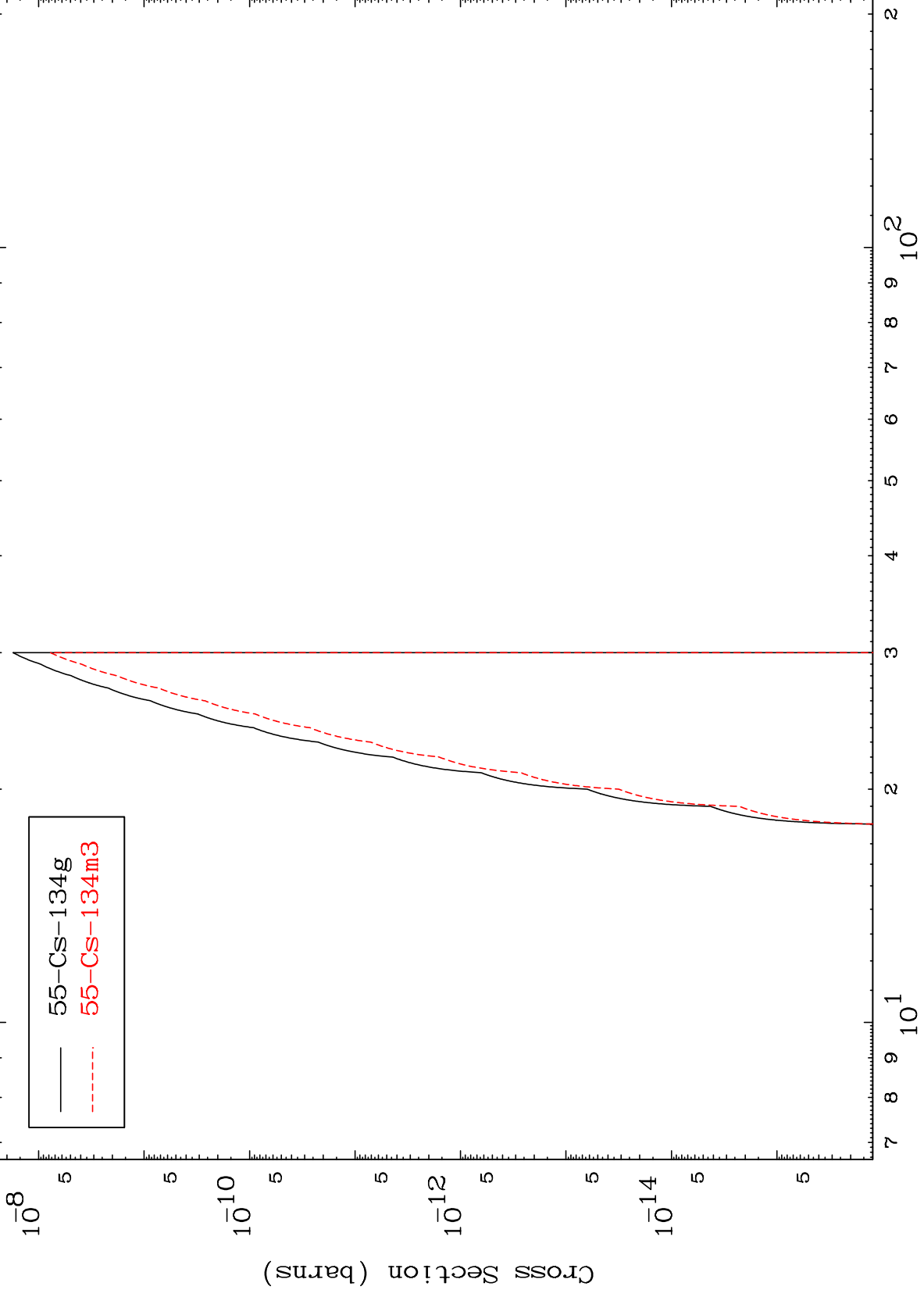


MAT 5835

(n,d) α

58-Ce-139

Radionuclide Production Cross Section



32

Incident Energy (MeV)

58-Ce-139