

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

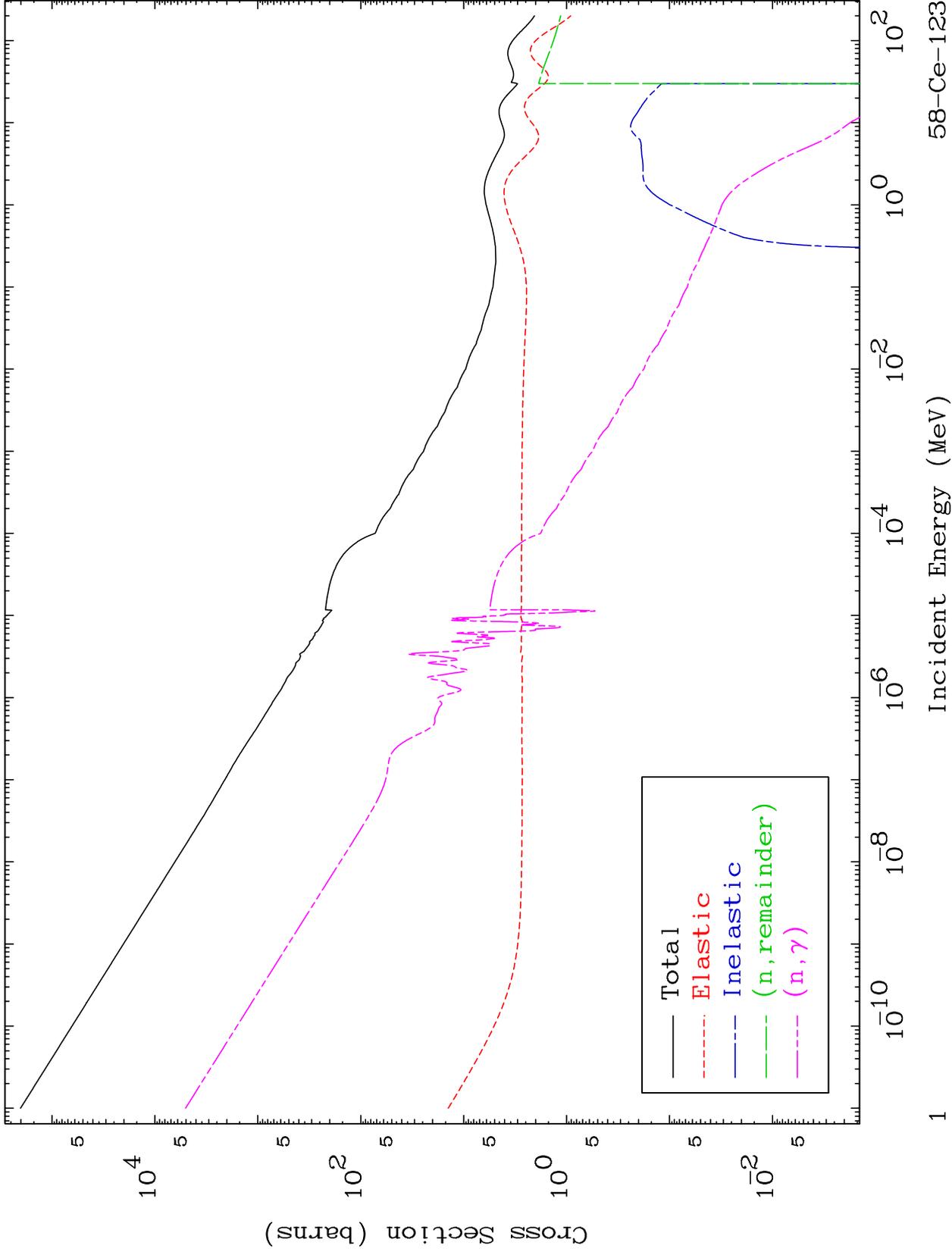
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Press Mouse Button to Start

MAT 5786

Major
293 Kelvin Cross Sections

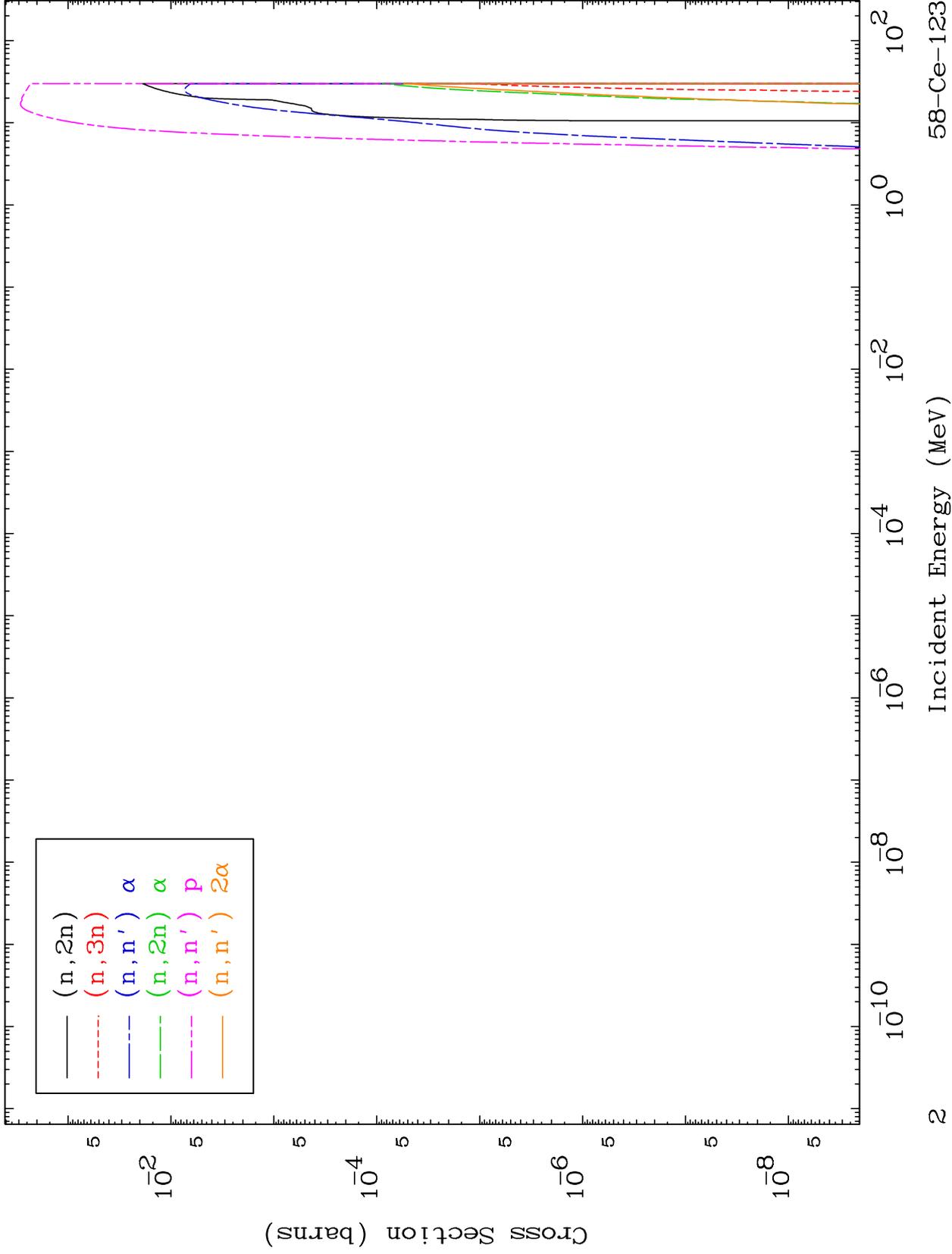
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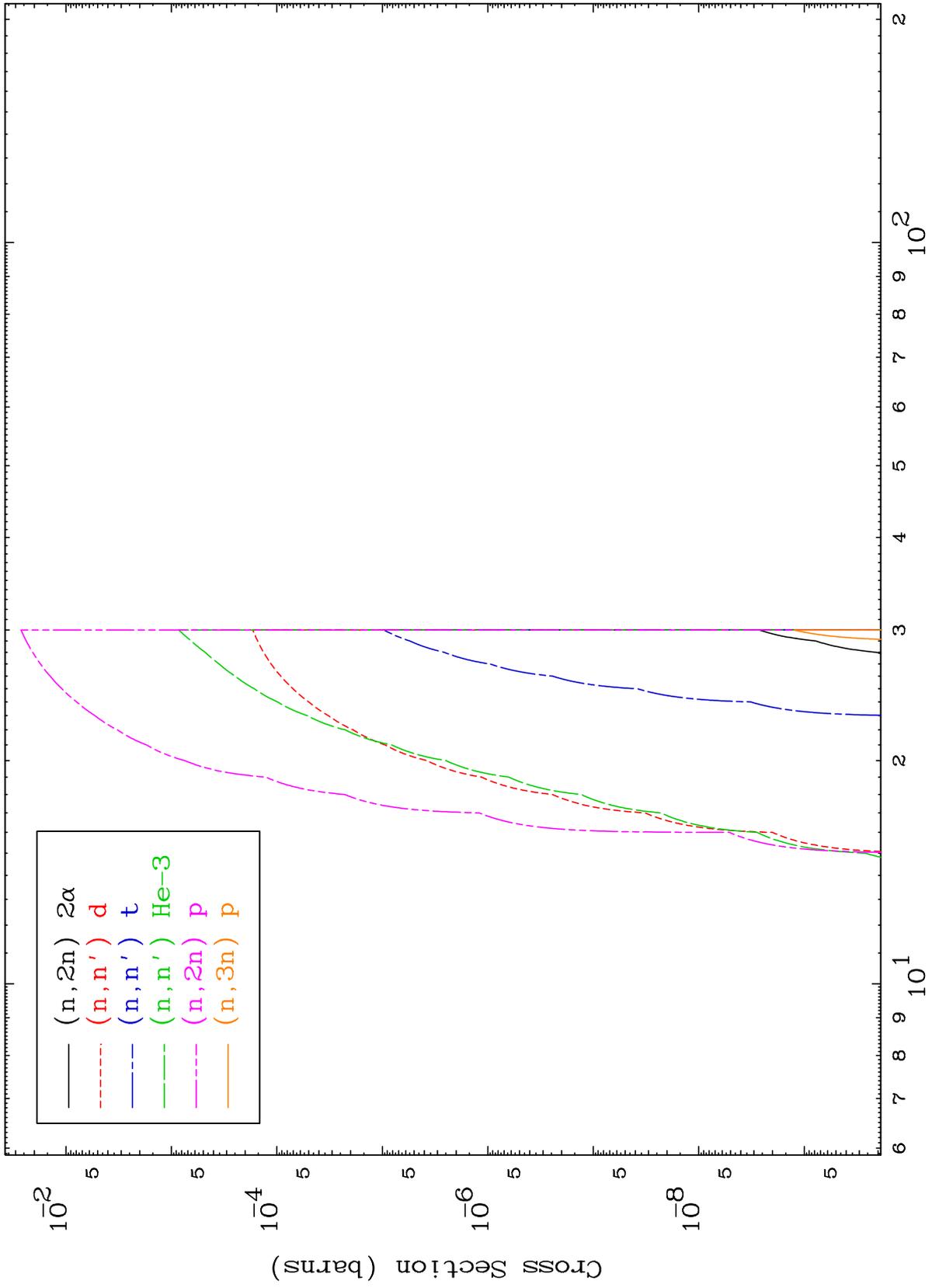


MAT 5786

Neutron Production
293 Kelvin Cross Sections

58-Ce-123

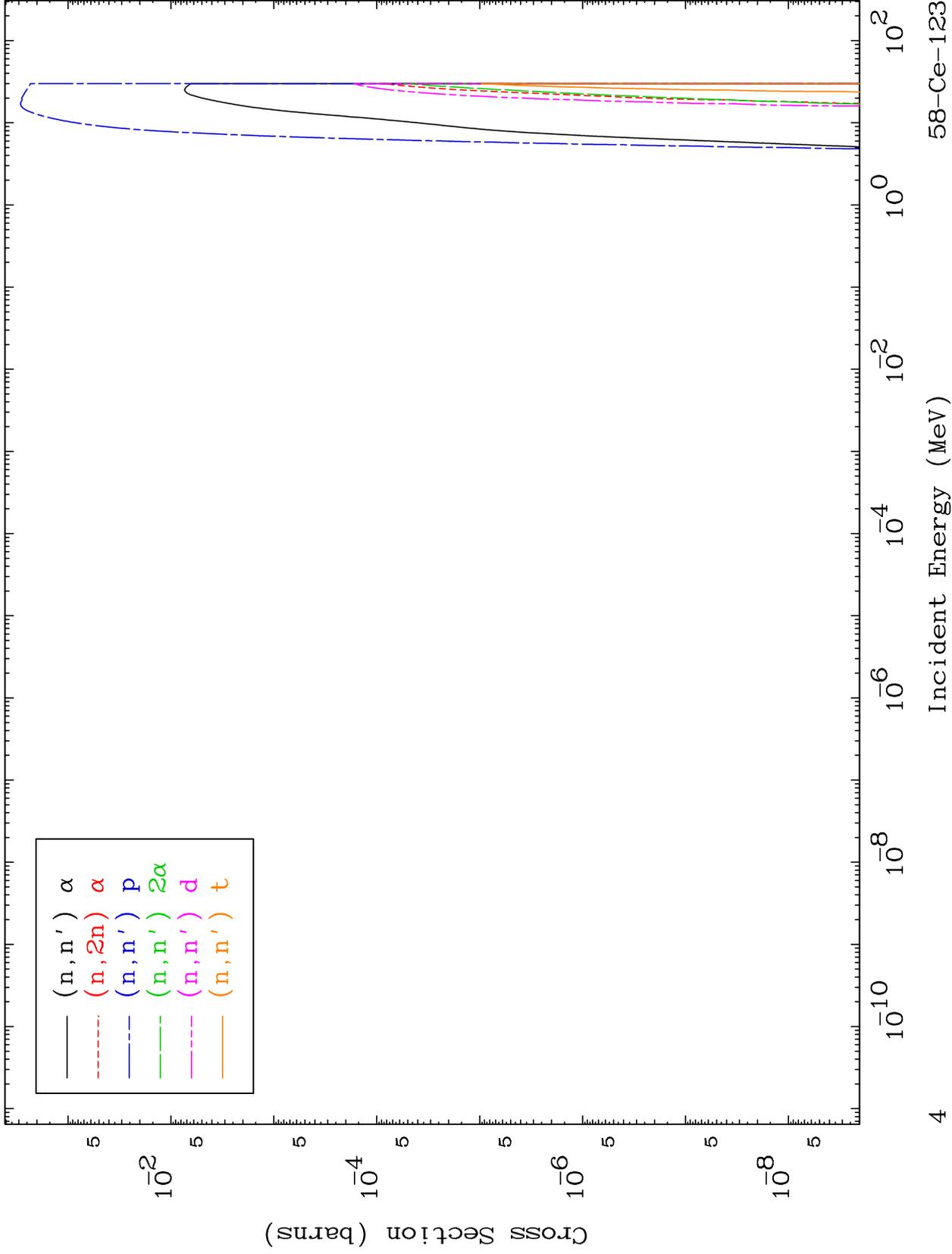




MAT 5786

Charged Particle
293 Kelvin Cross Sections

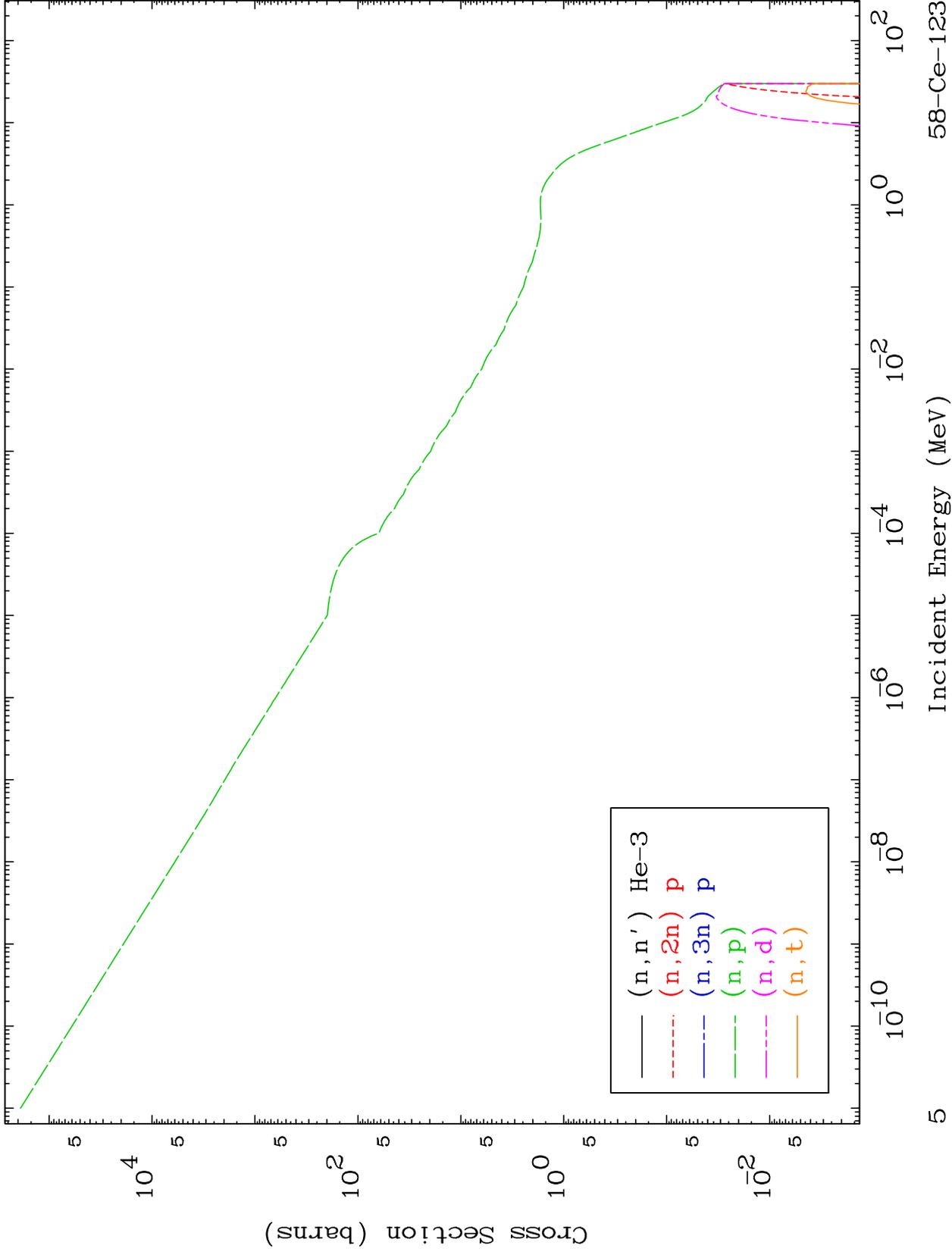
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MAT 5786

Charged Particle
293 Kelvin Cross Sections

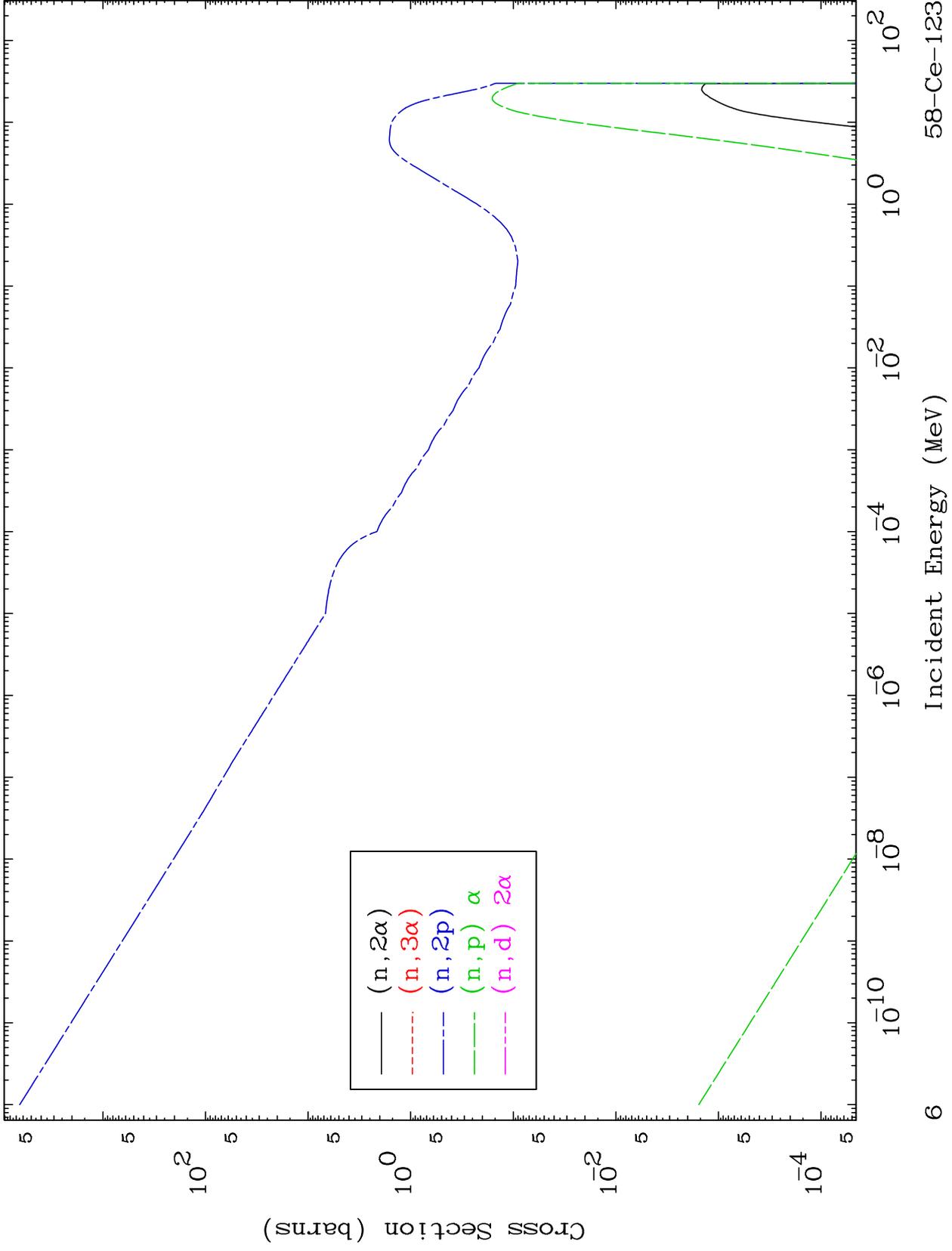
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MAT 5786

Charged Particle
293 Kelvin Cross Sections

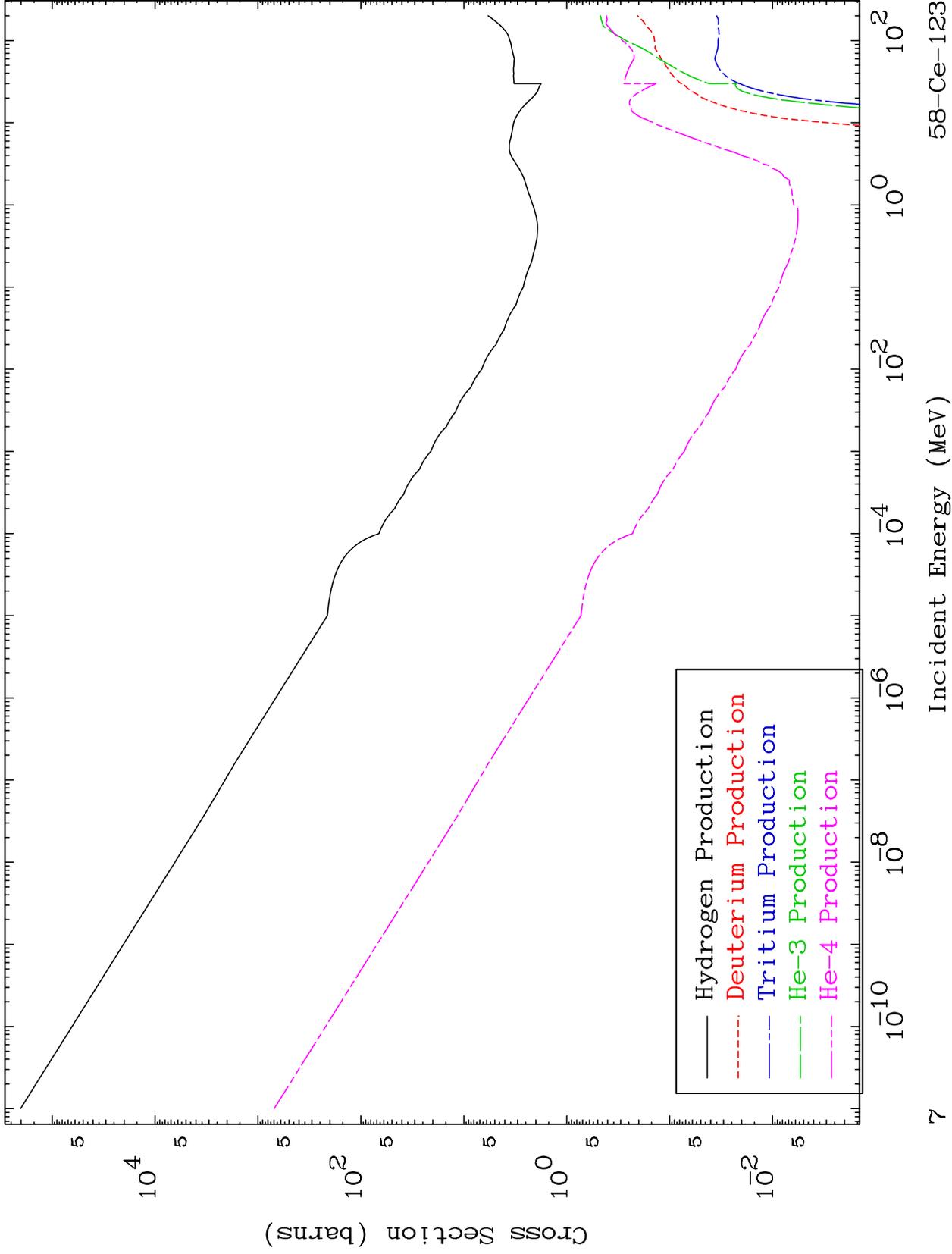
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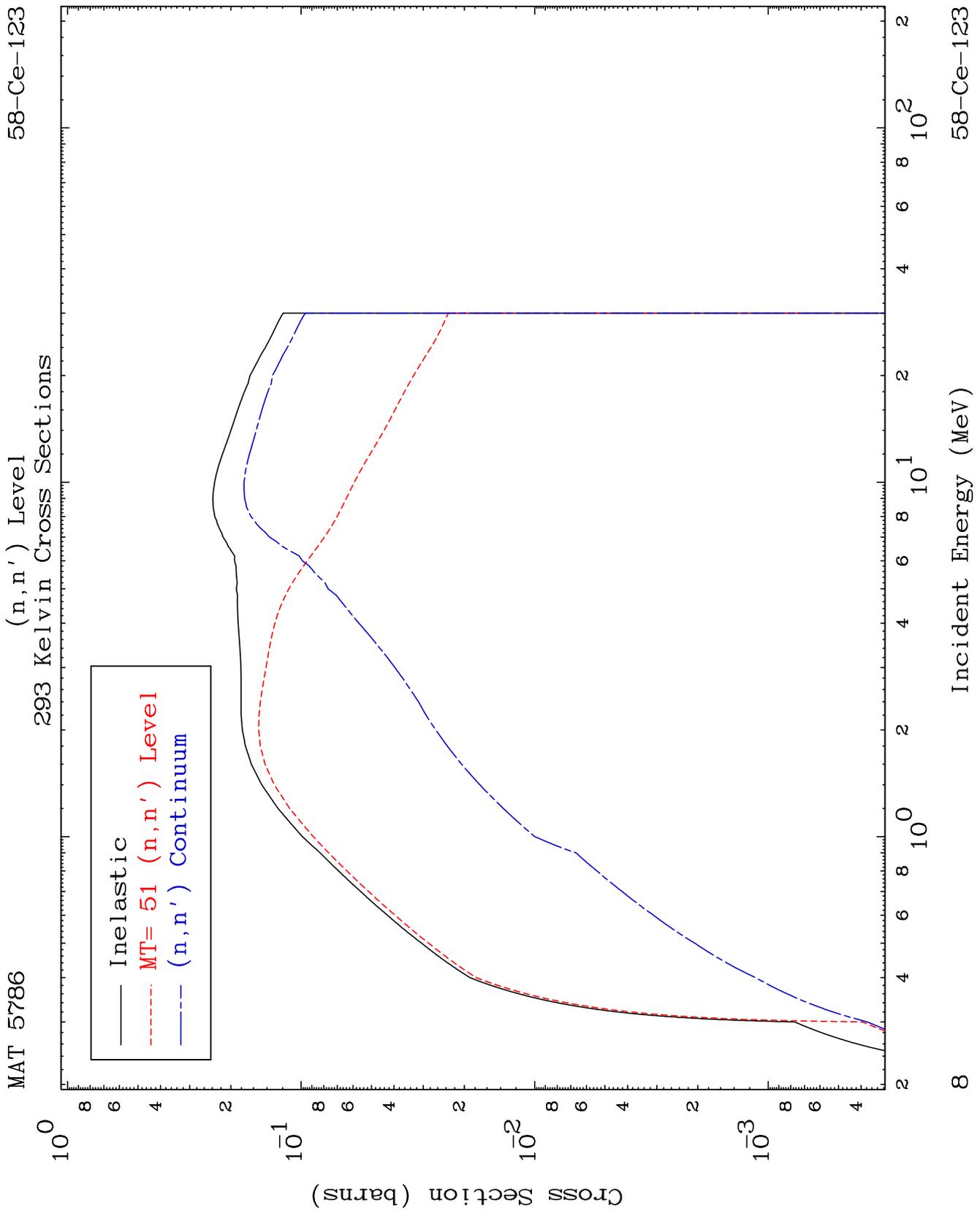


MAT 5786

Particle Production
293 Kelvin Cross Sections

58-Ce-123

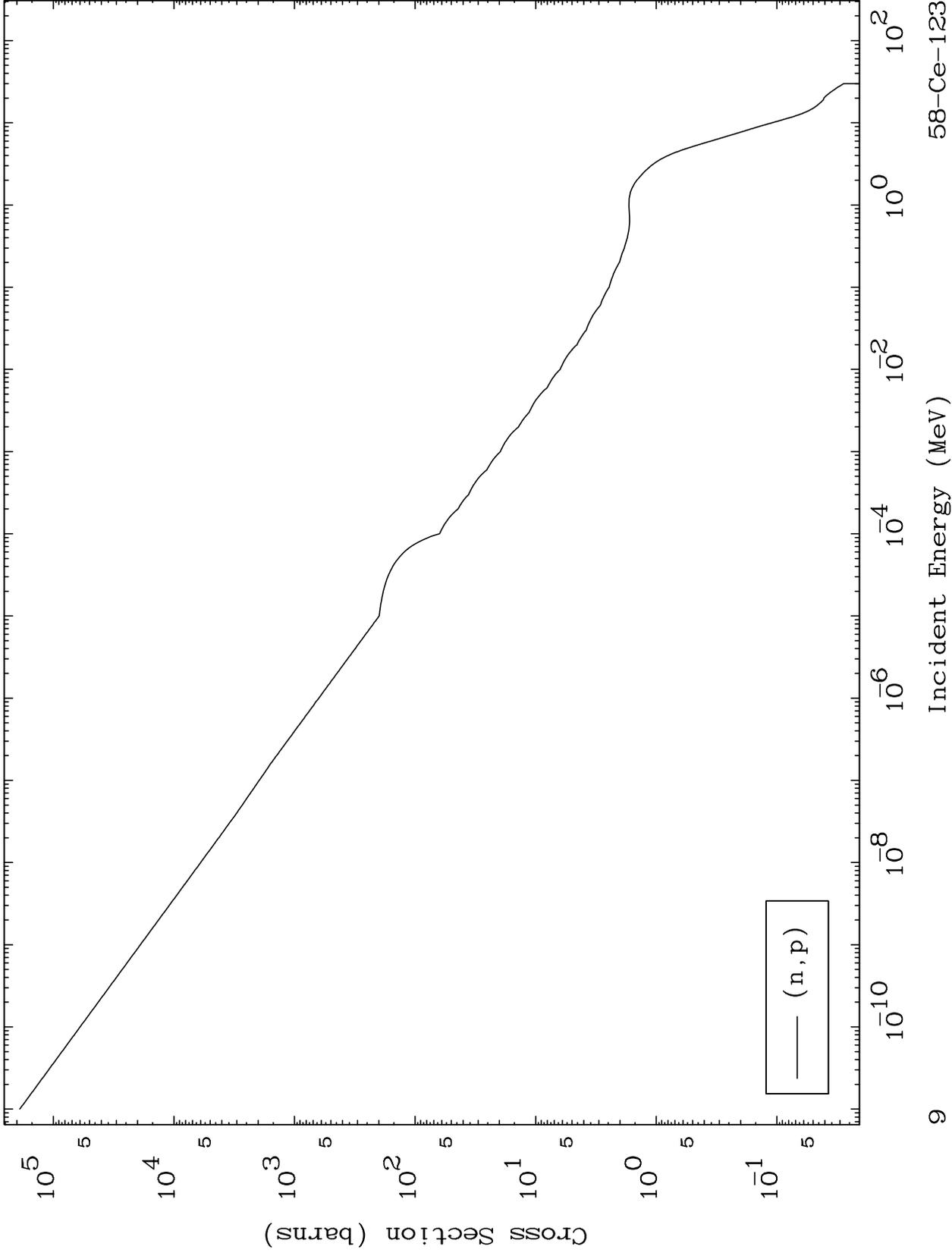




MAT 5786

(n,p) Levels
293 Kelvin Cross Sections

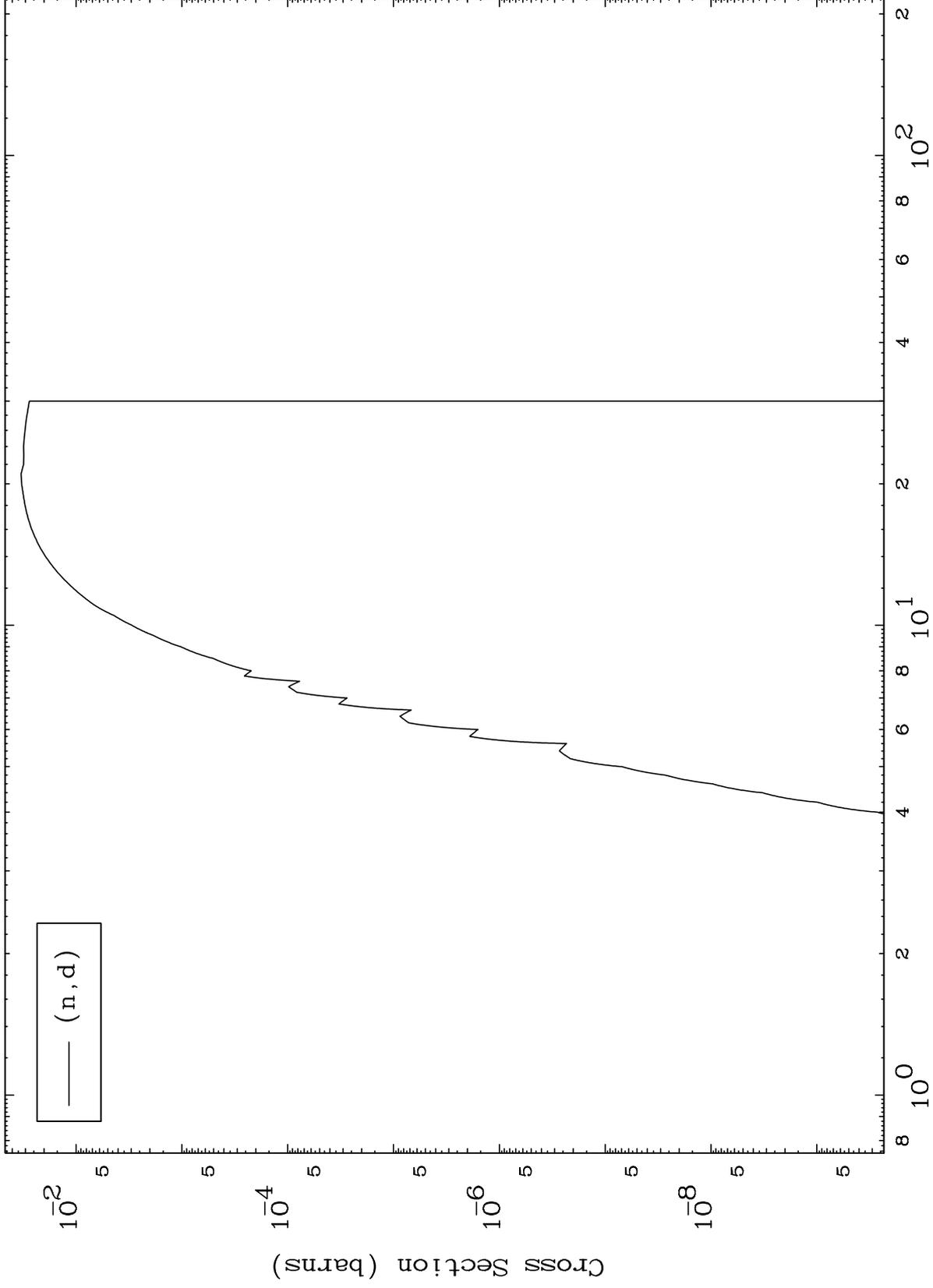
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MAT 5786

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-123



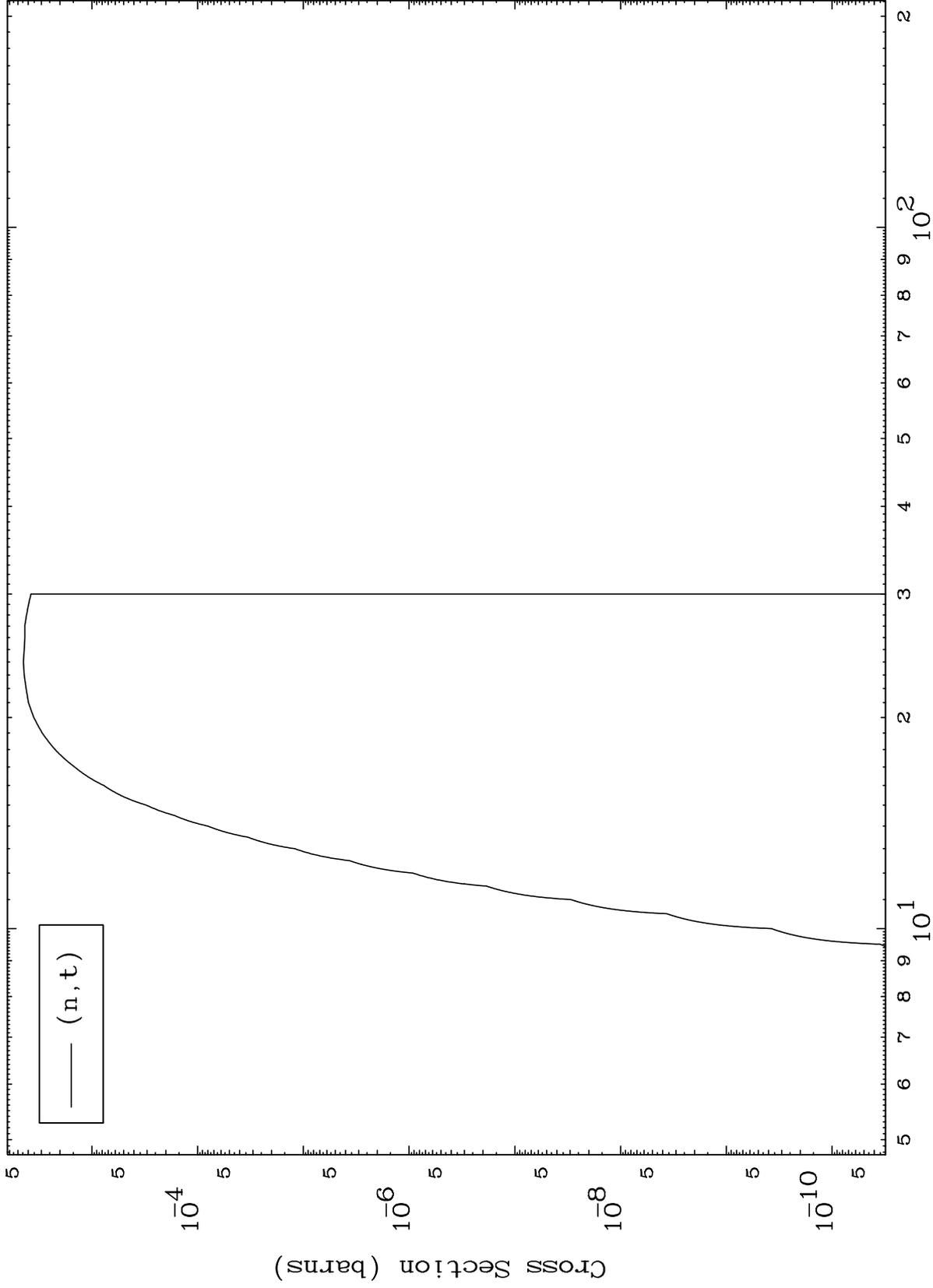
Incident Energy (MeV)

58-Ce-123

MAT 5786

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-123



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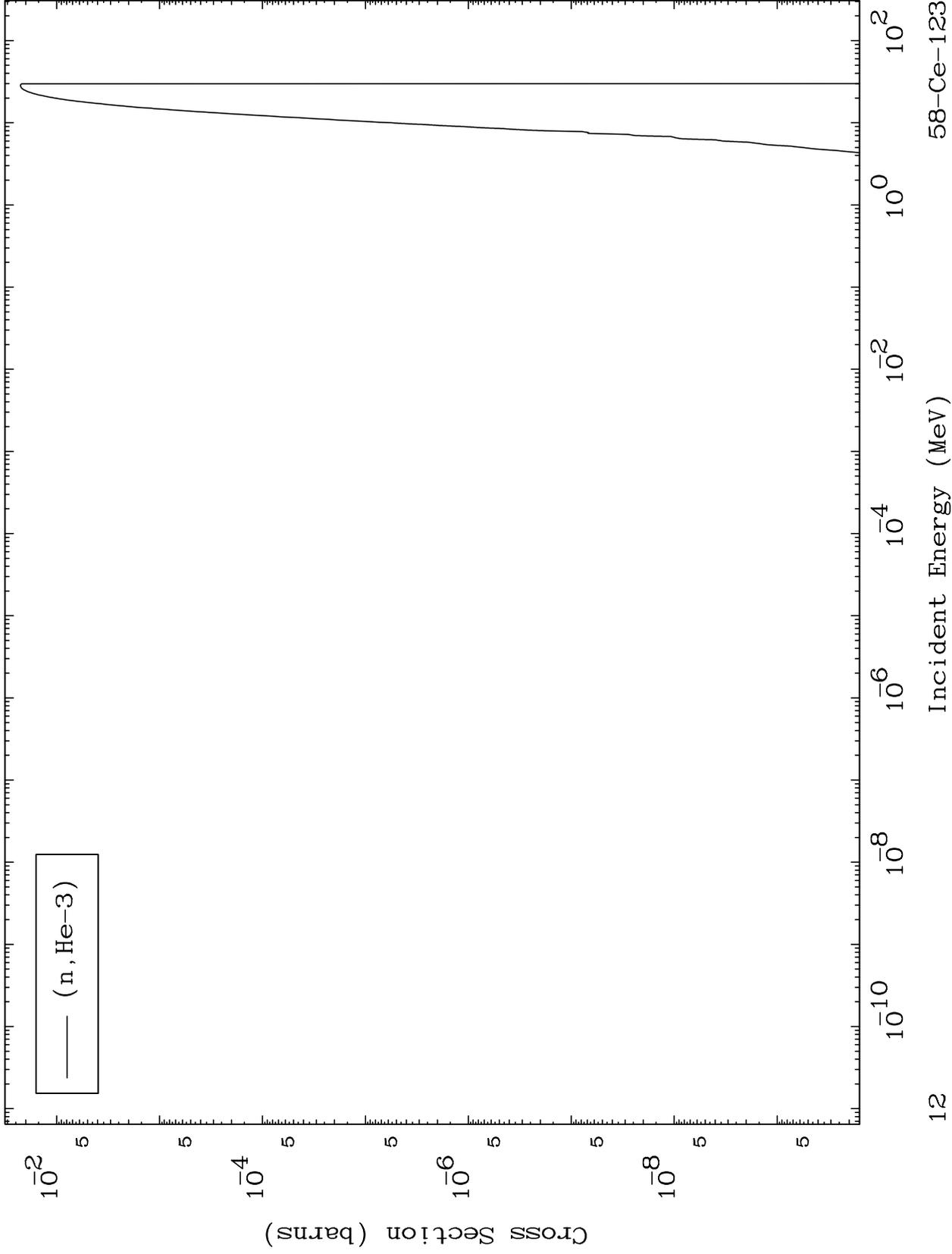
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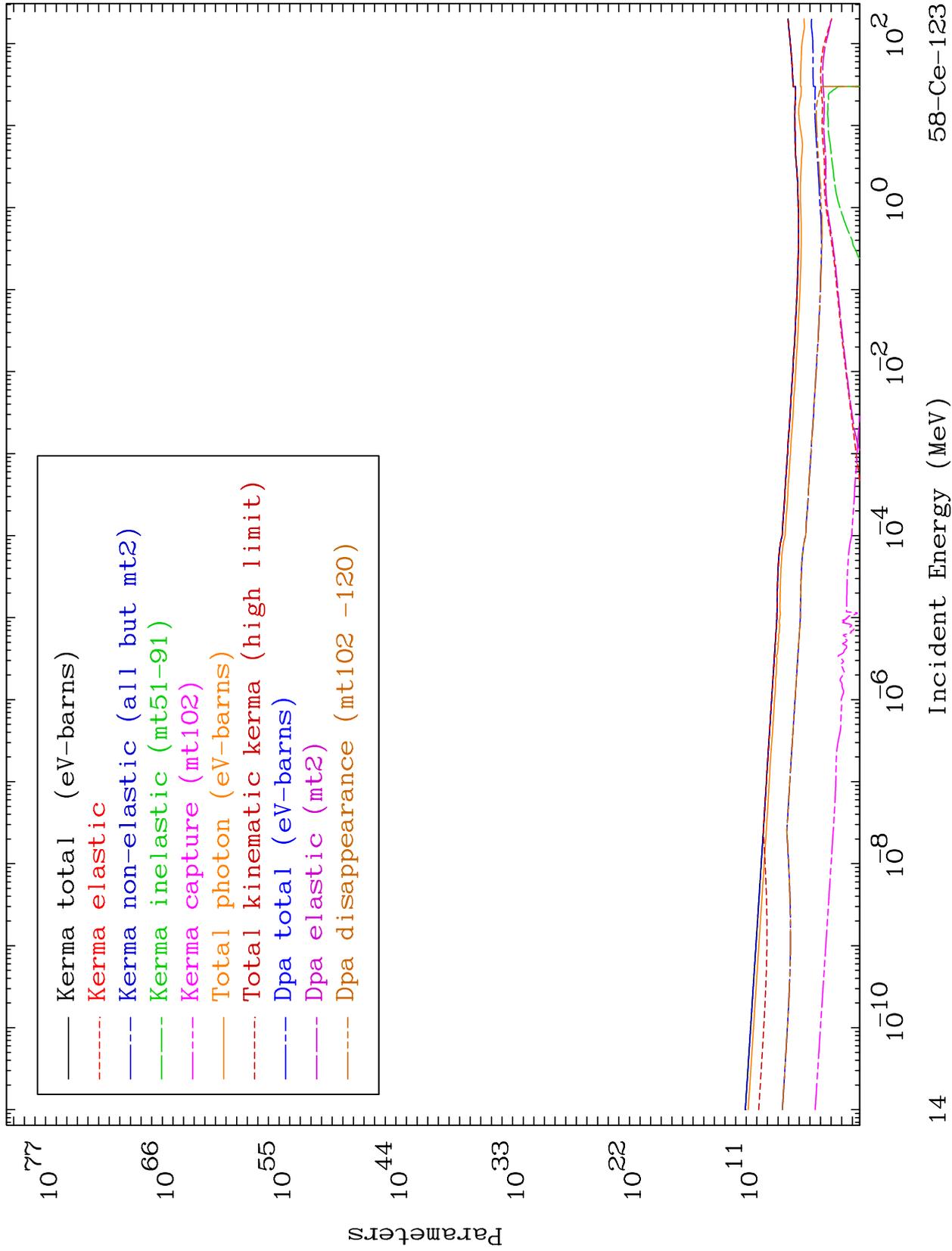
58-Ce-123

MAT 5786

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-123

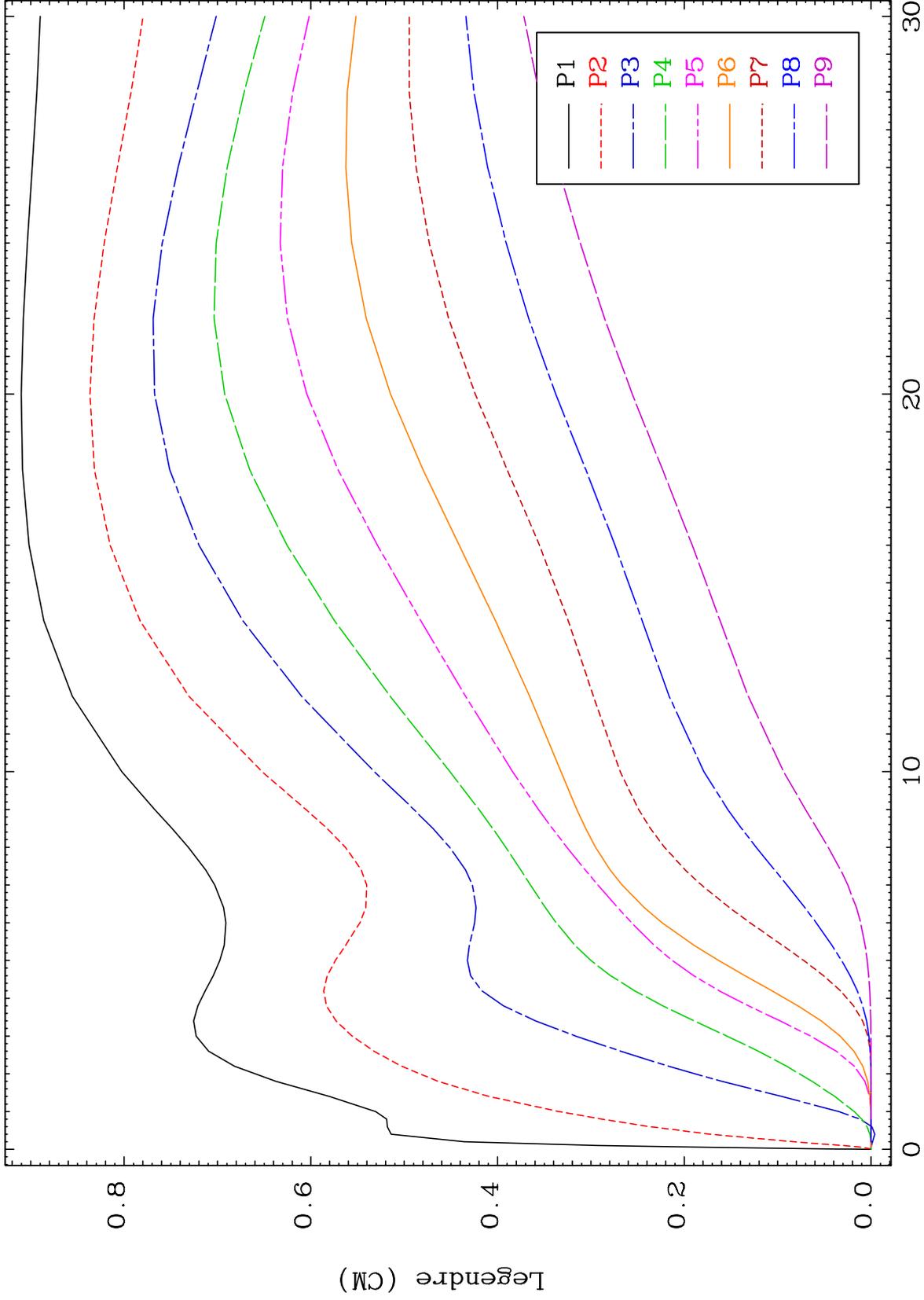




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Elastic Legendre Coefficients

58-Ce-123



15

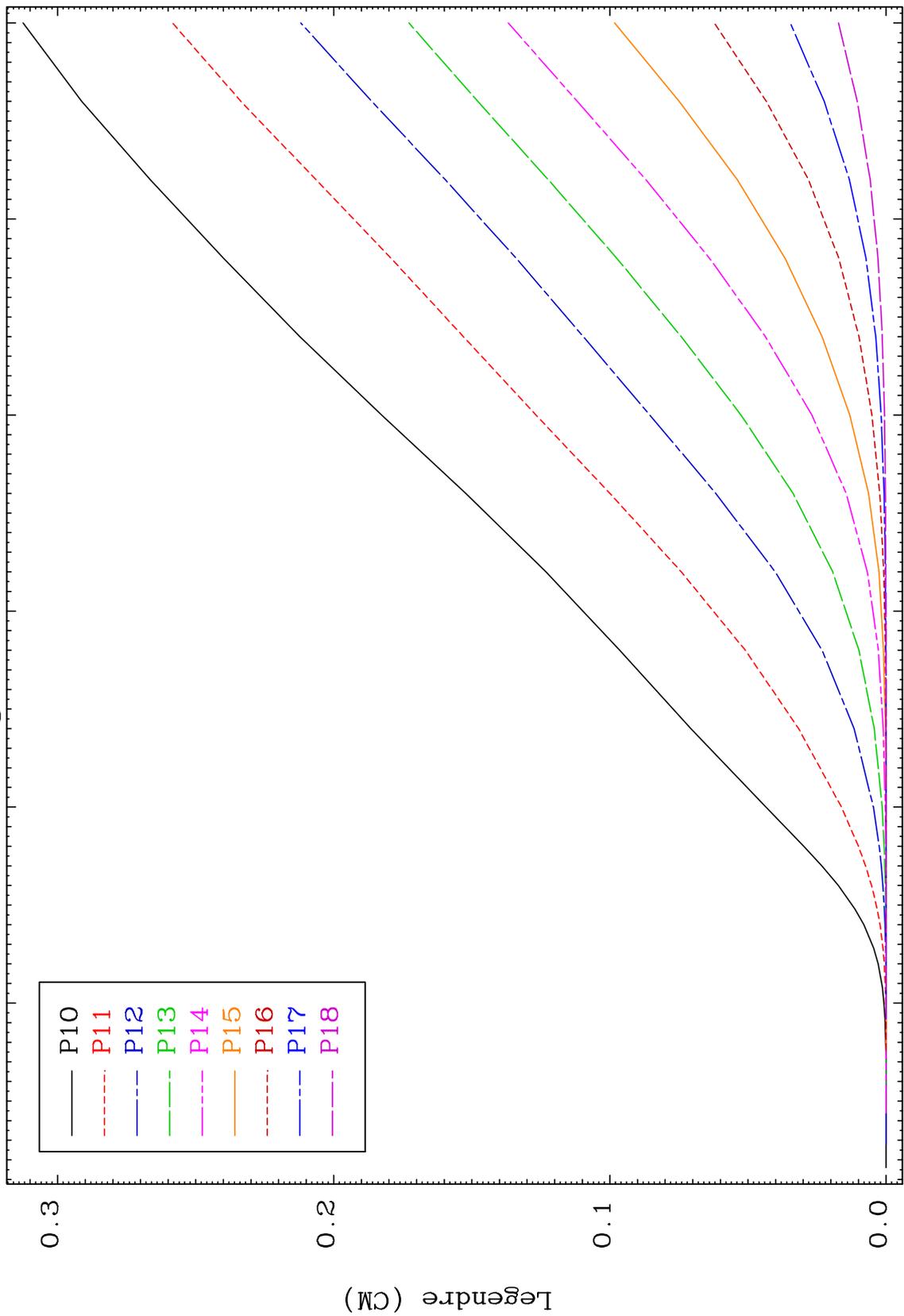
Incident Energy (MeV)

58-Ce-123

MAT 5786

Elastic Legendre Coefficients

58-Ce-123



16

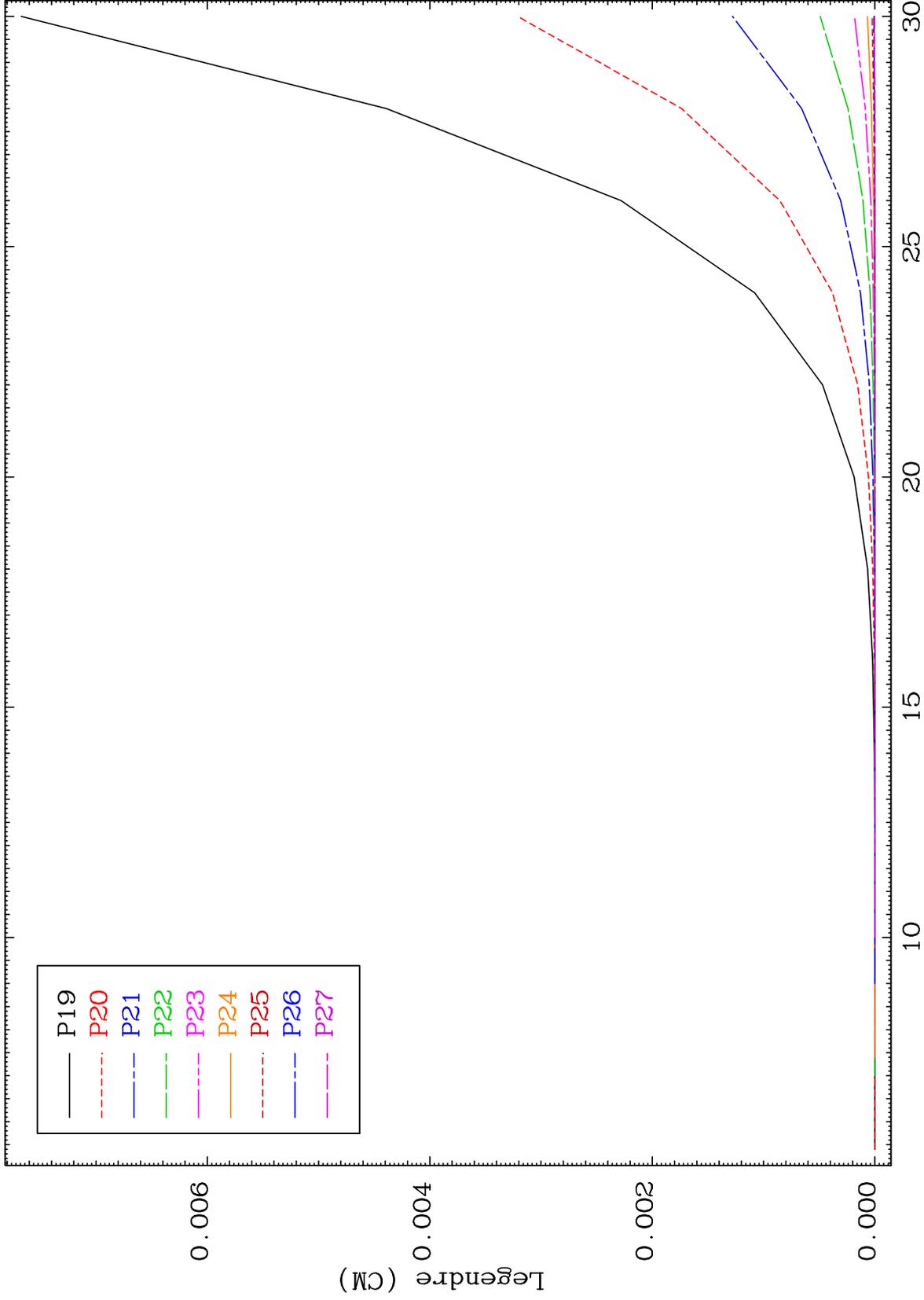
Incident Energy (MeV)

58-Ce-123

MAT 5786

Elastic Legendre Coefficients

58-Ce-123



17

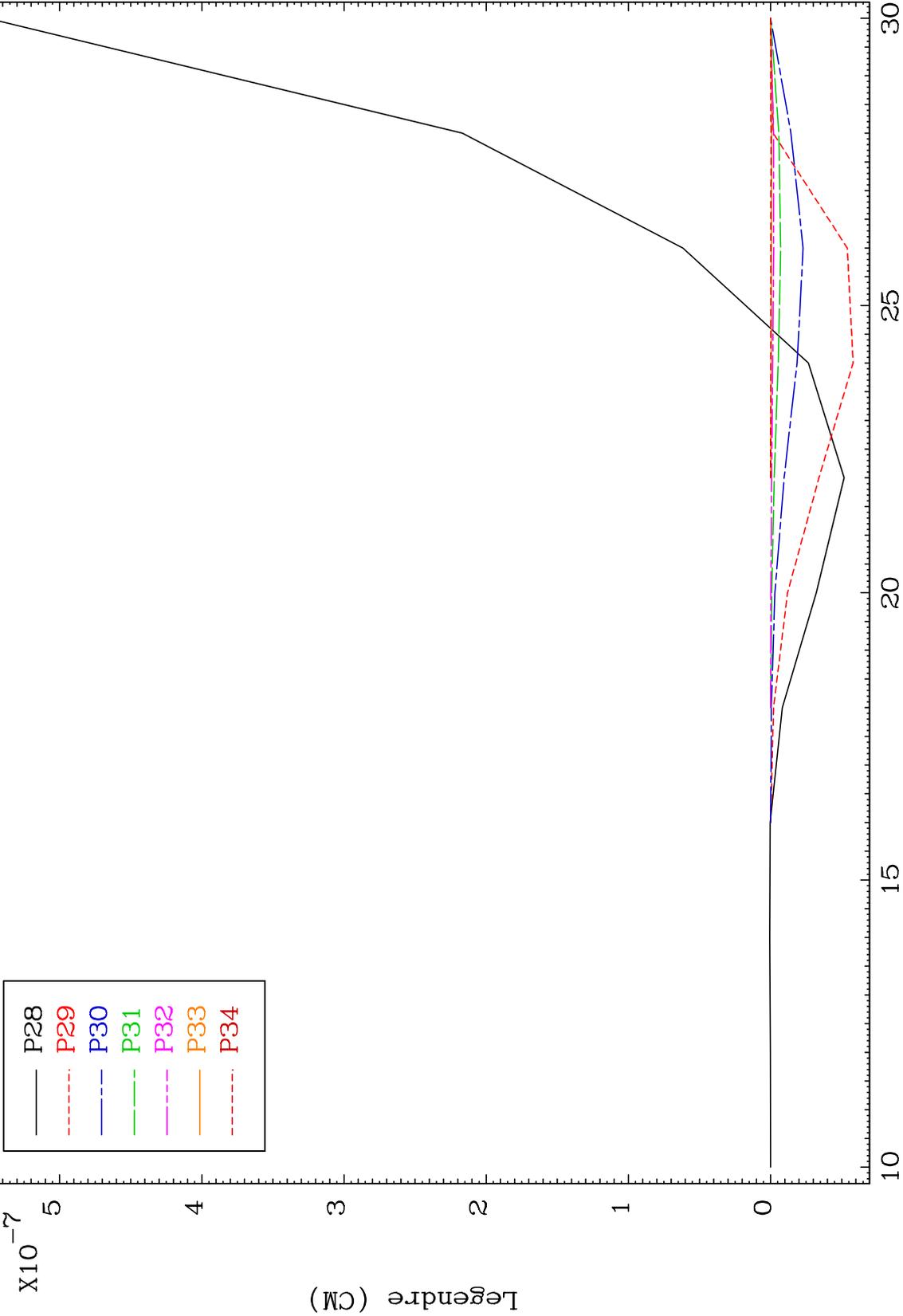
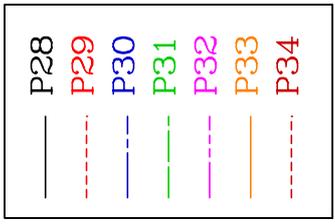
Incident Energy (MeV)

58-Ce-123

MAT 5786

Elastic Legendre Coefficients

58-Ce-123



58-Ce-123

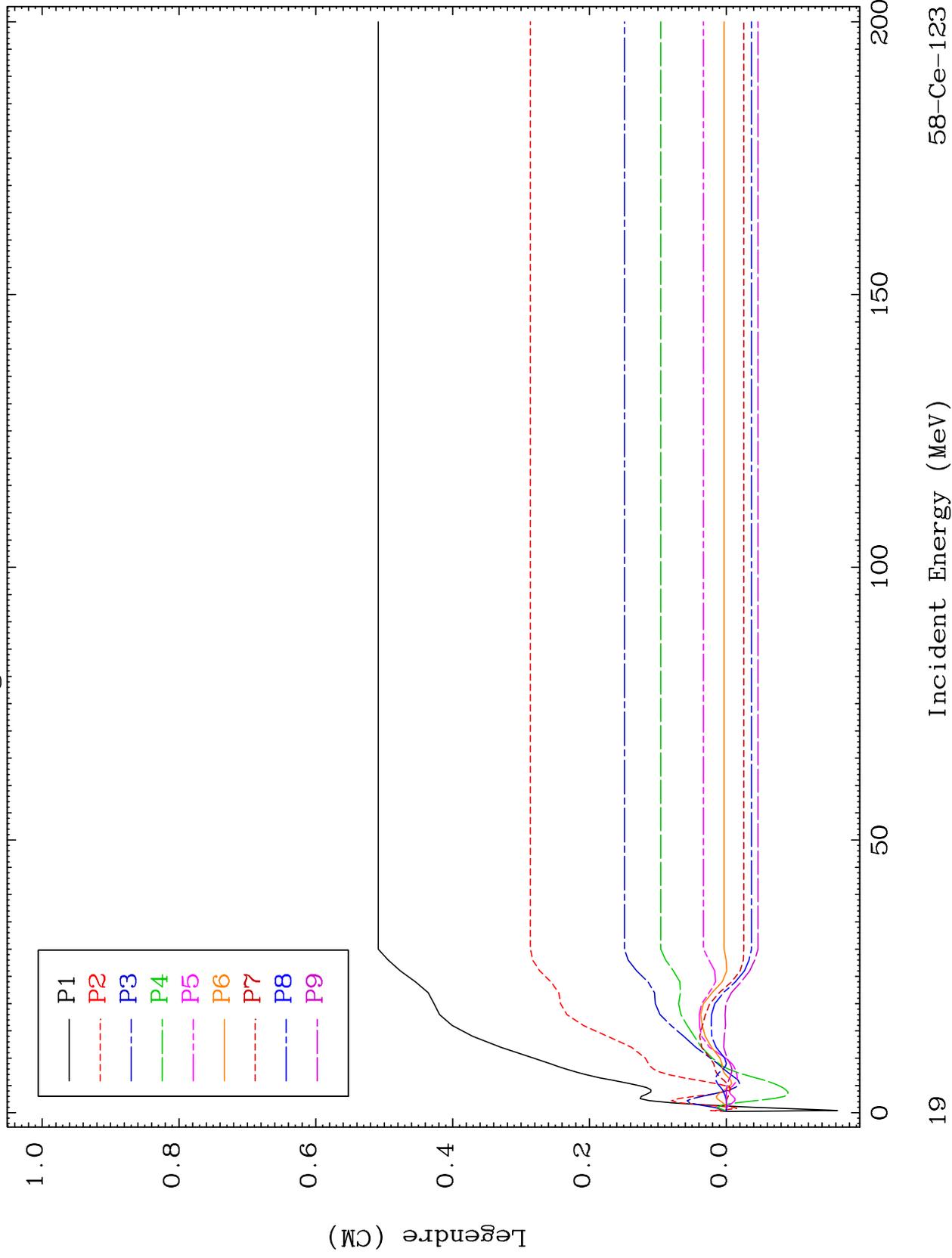
Incident Energy (MeV)

18

MAT 5786

MT= 51 (n,n') Level
Legendre Coefficients

58-Ce-123

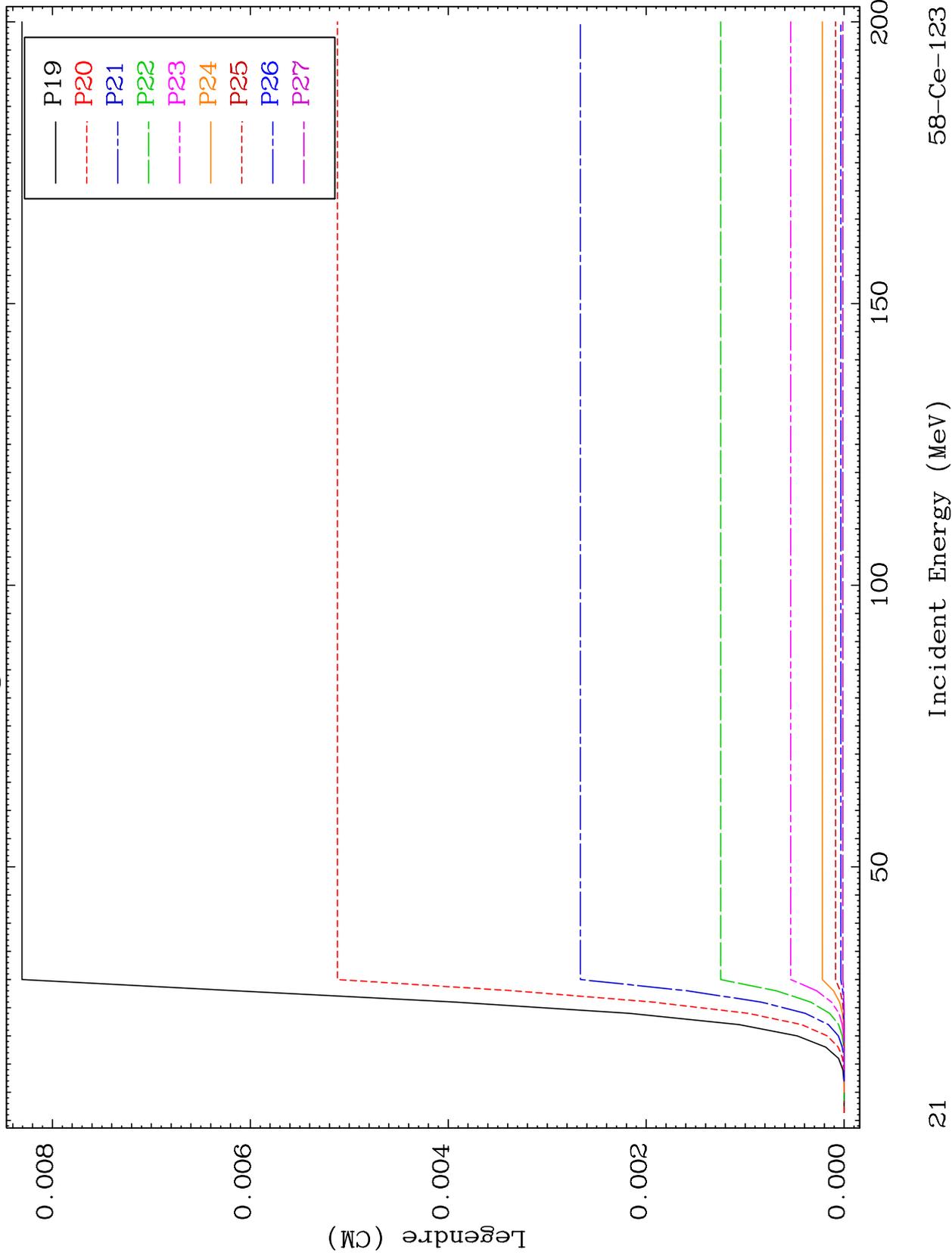


19

MAT 5786

MT= 51 (n,n') Level
Legendre Coefficients

58-Ce-123



21

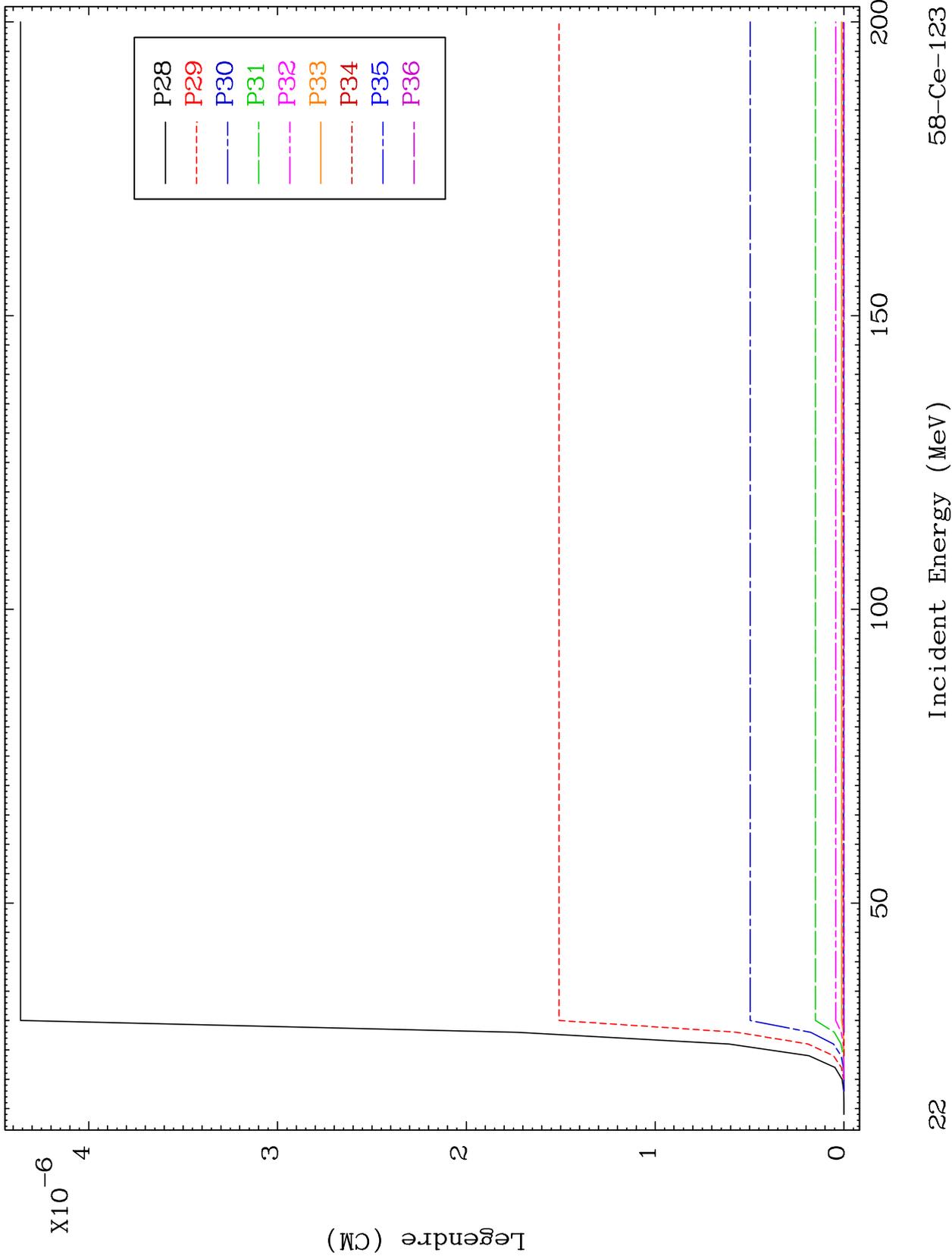
Incident Energy (MeV)

58-Ce-123

MAT 5786

MT= 51 (n,n') Level
Legendre Coefficients

58-Ce-123



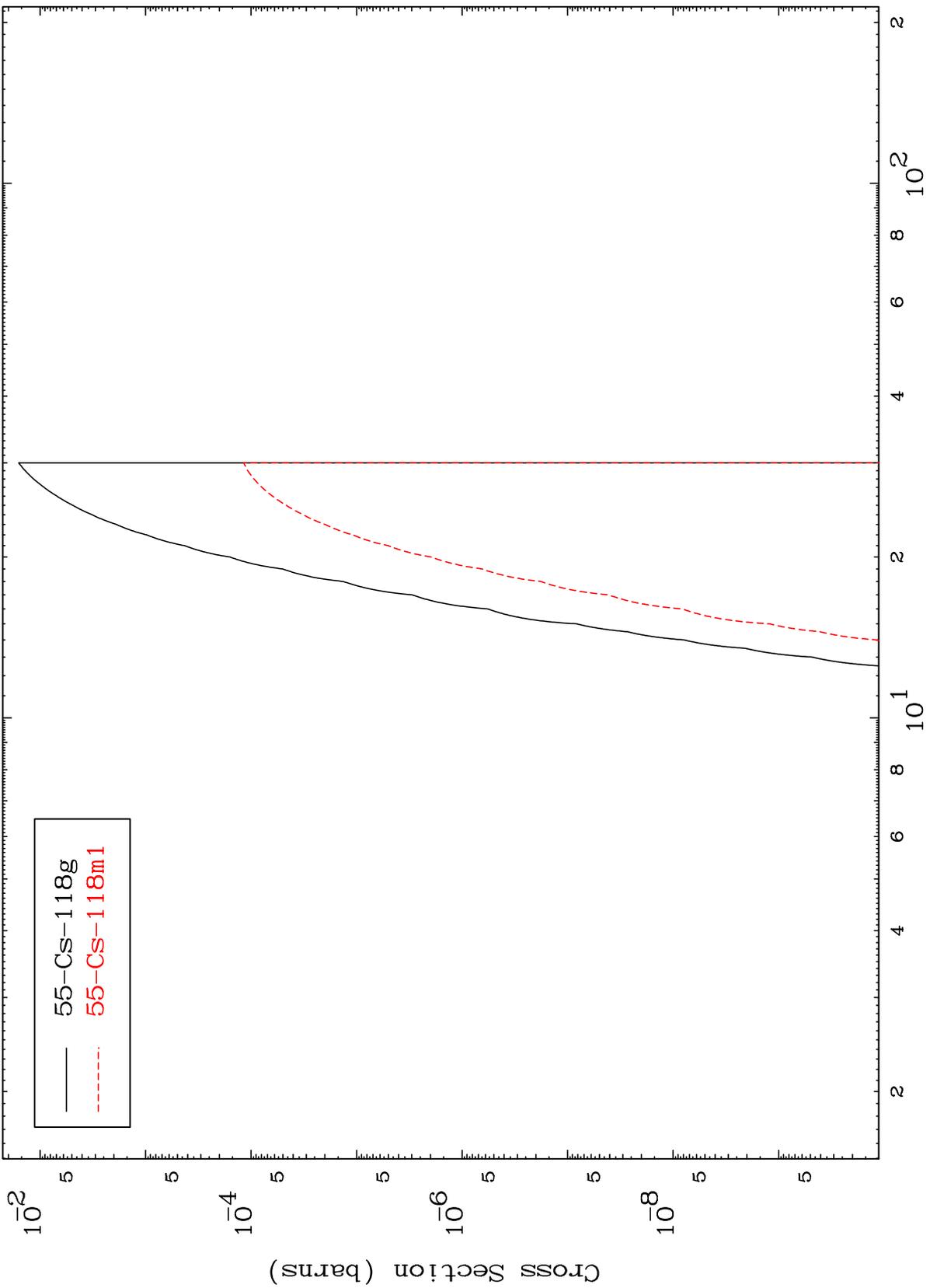
22

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(n,n') p α

58-Ce-123

Radionuclide Production Cross Section



55-Cs-118g
55-Cs-118m1

23

Incident Energy (MeV)

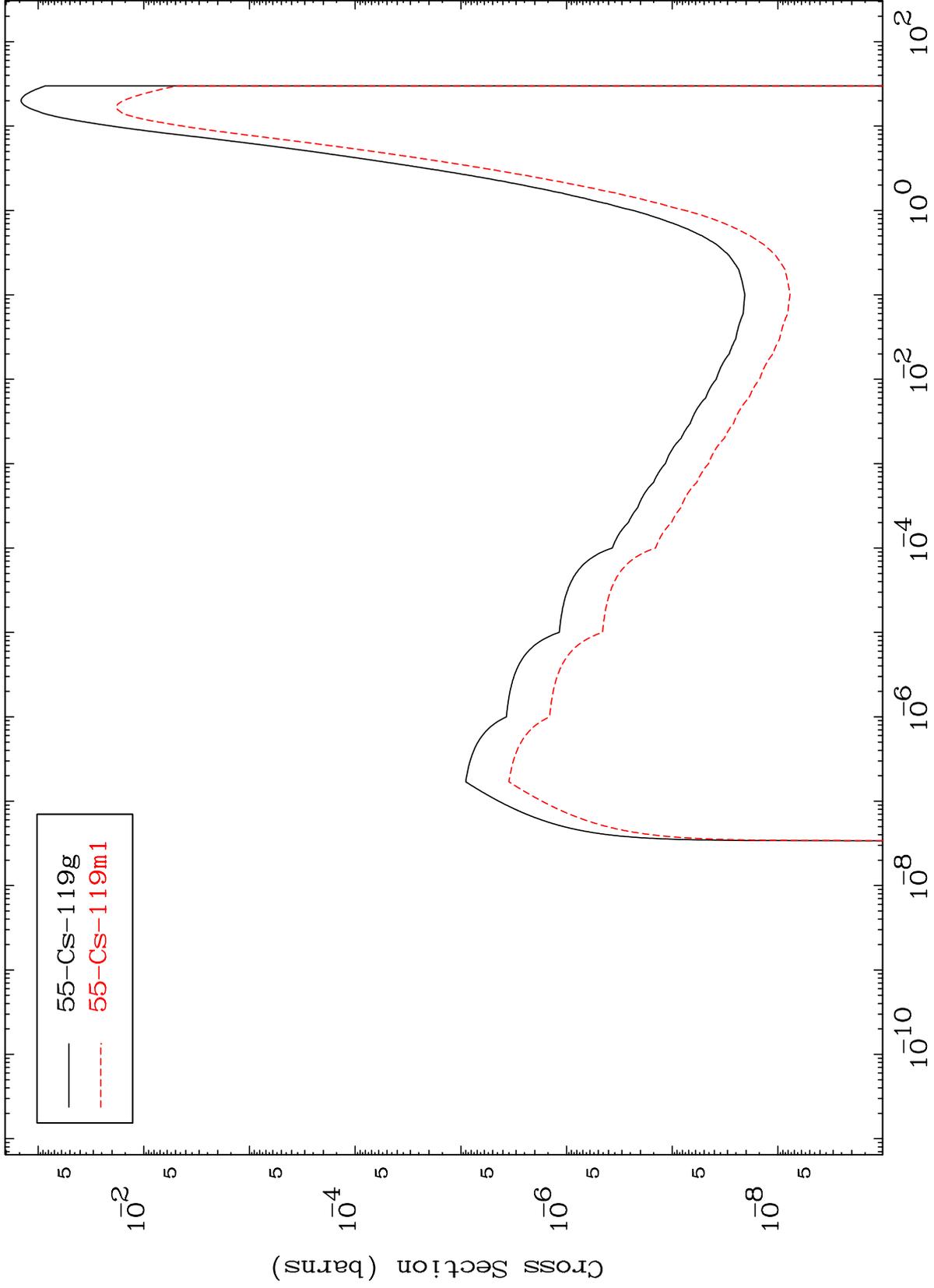
58-Ce-123

MAT 5786

(n,p) α

58-Ce-123

Radionuclide Production Cross Section

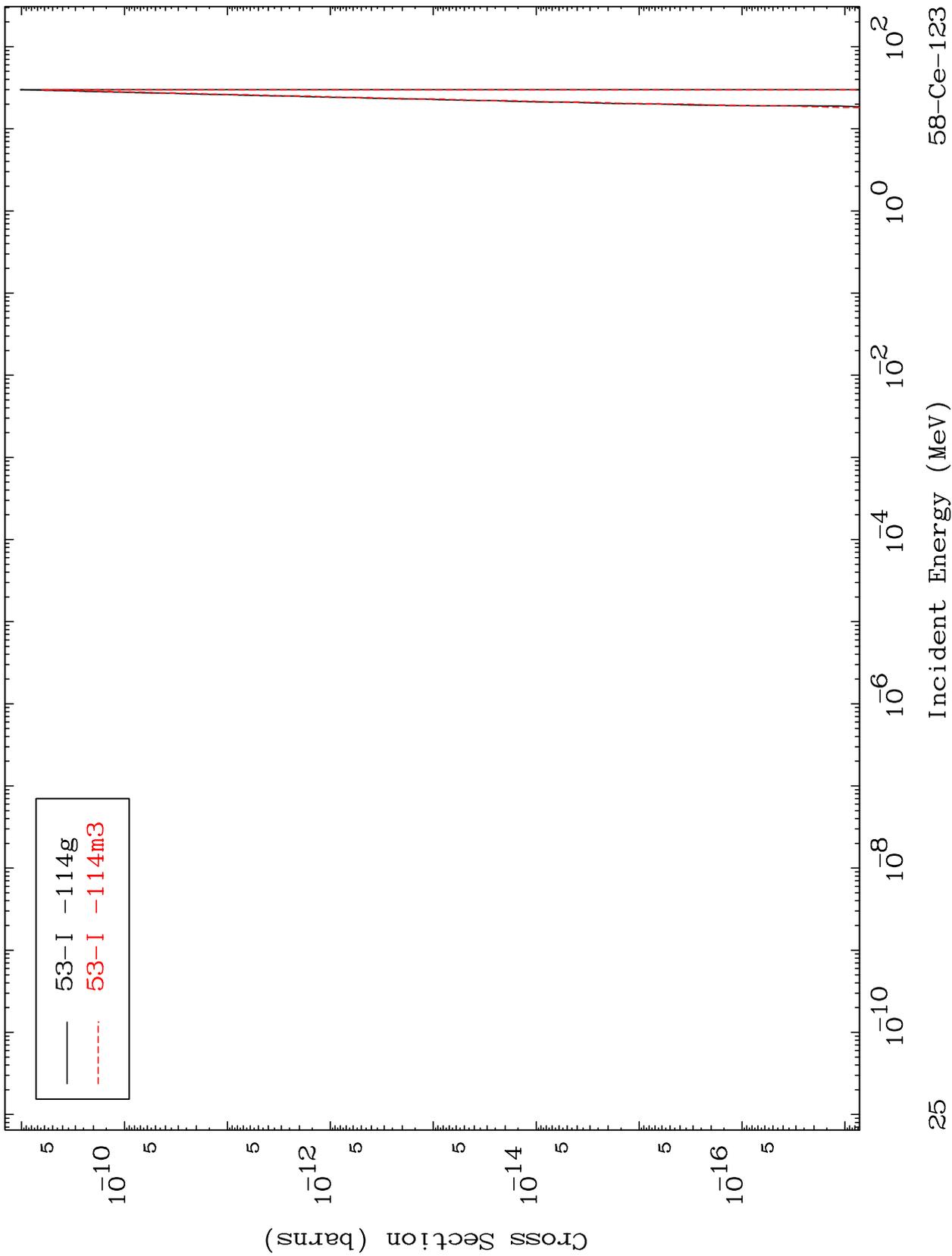


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(n,d) 2α

58-Ce-123

Radionuclide Production Cross Section

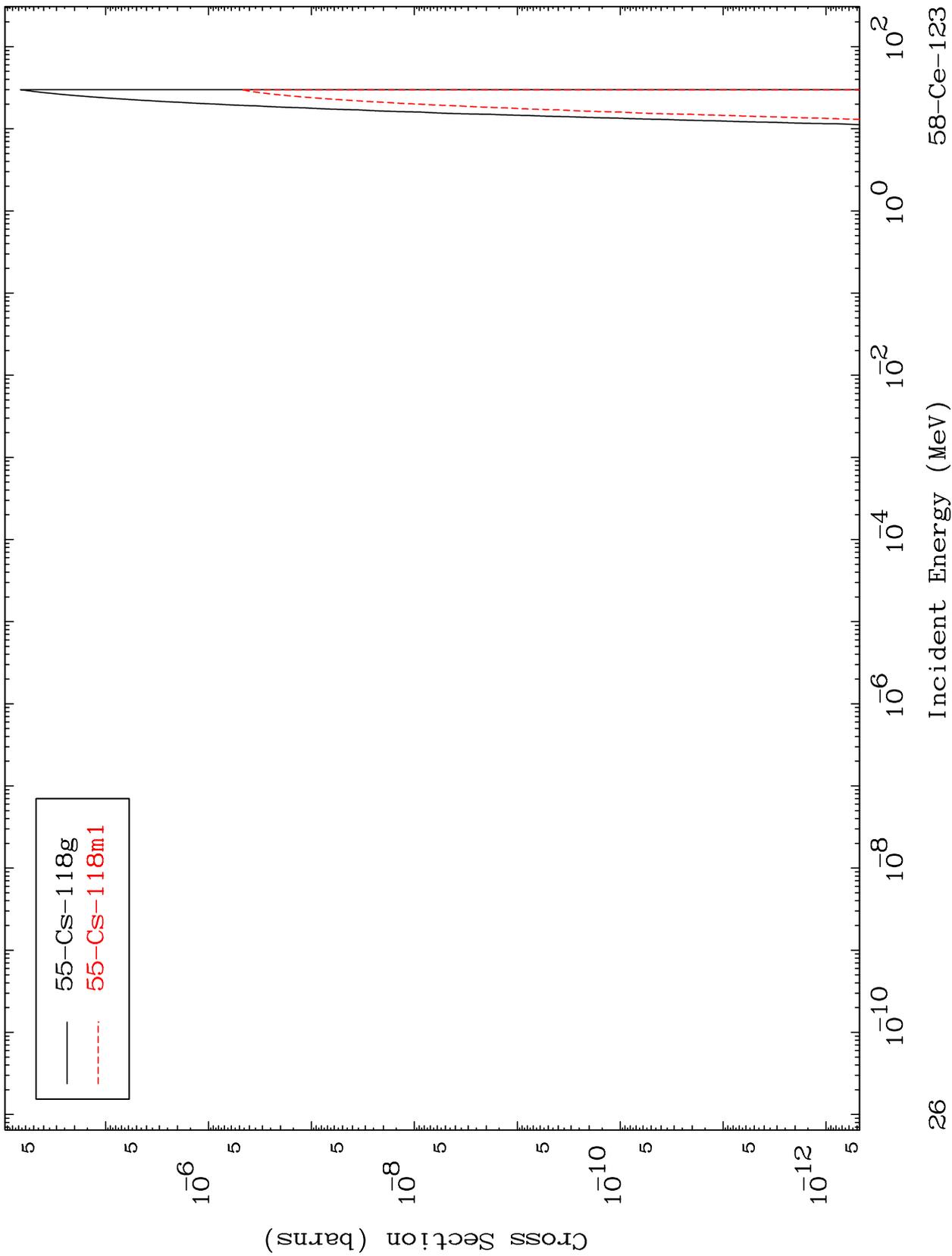


MAT 5786

(n,d) α

58-Ce-123

Radionuclide Production Cross Section



26

Incident Energy (MeV)

58-Ce-123