

Program EVALPLOT  
(Version 2021-1)

by

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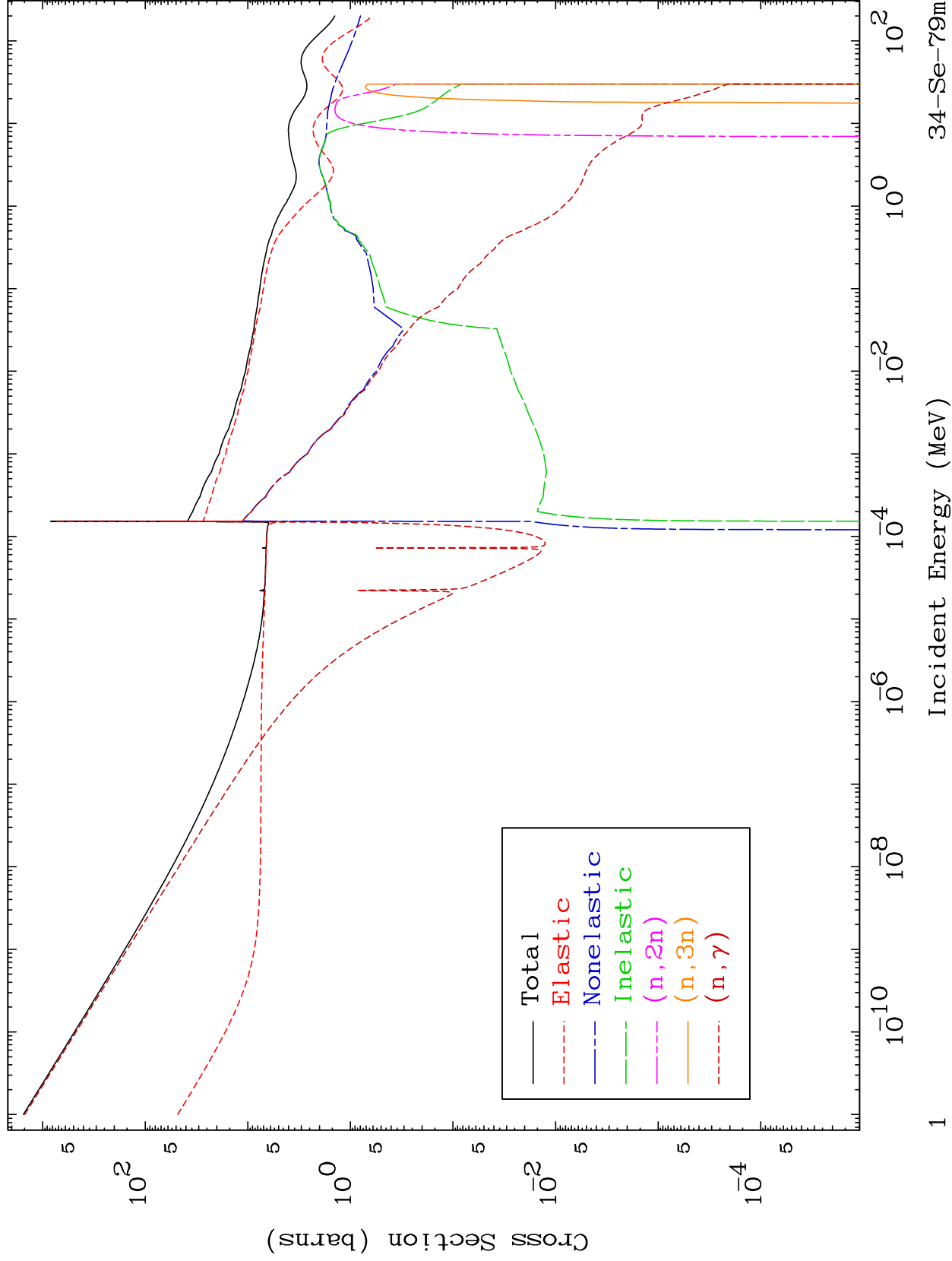
Press Mouse Button to Start

MAT 3441

Neutron Major

34-Se-79m

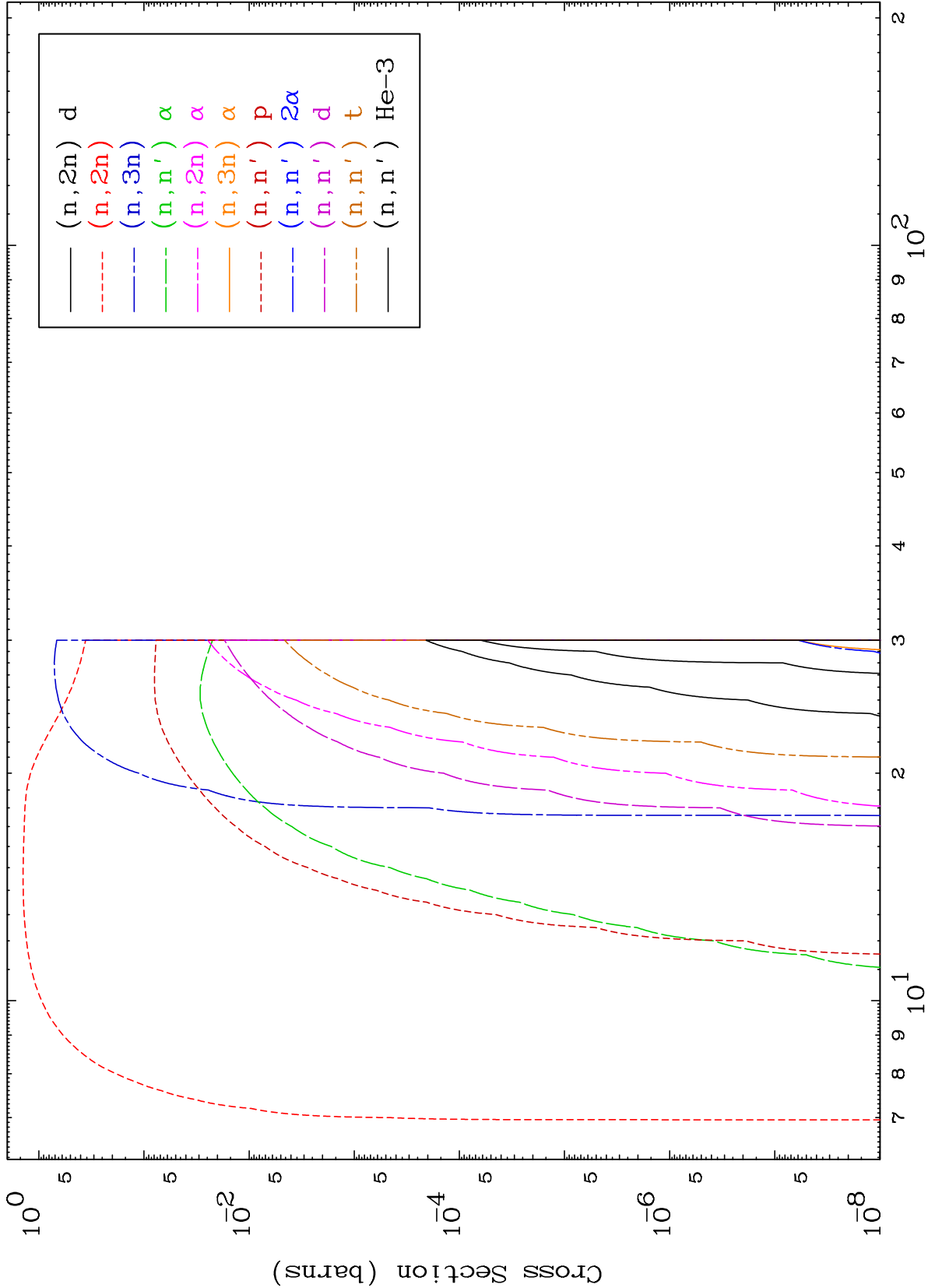
293 Kelvin Cross Sections



MAT 3441

Neutron Absorption  
293 Kelvin Cross Sections

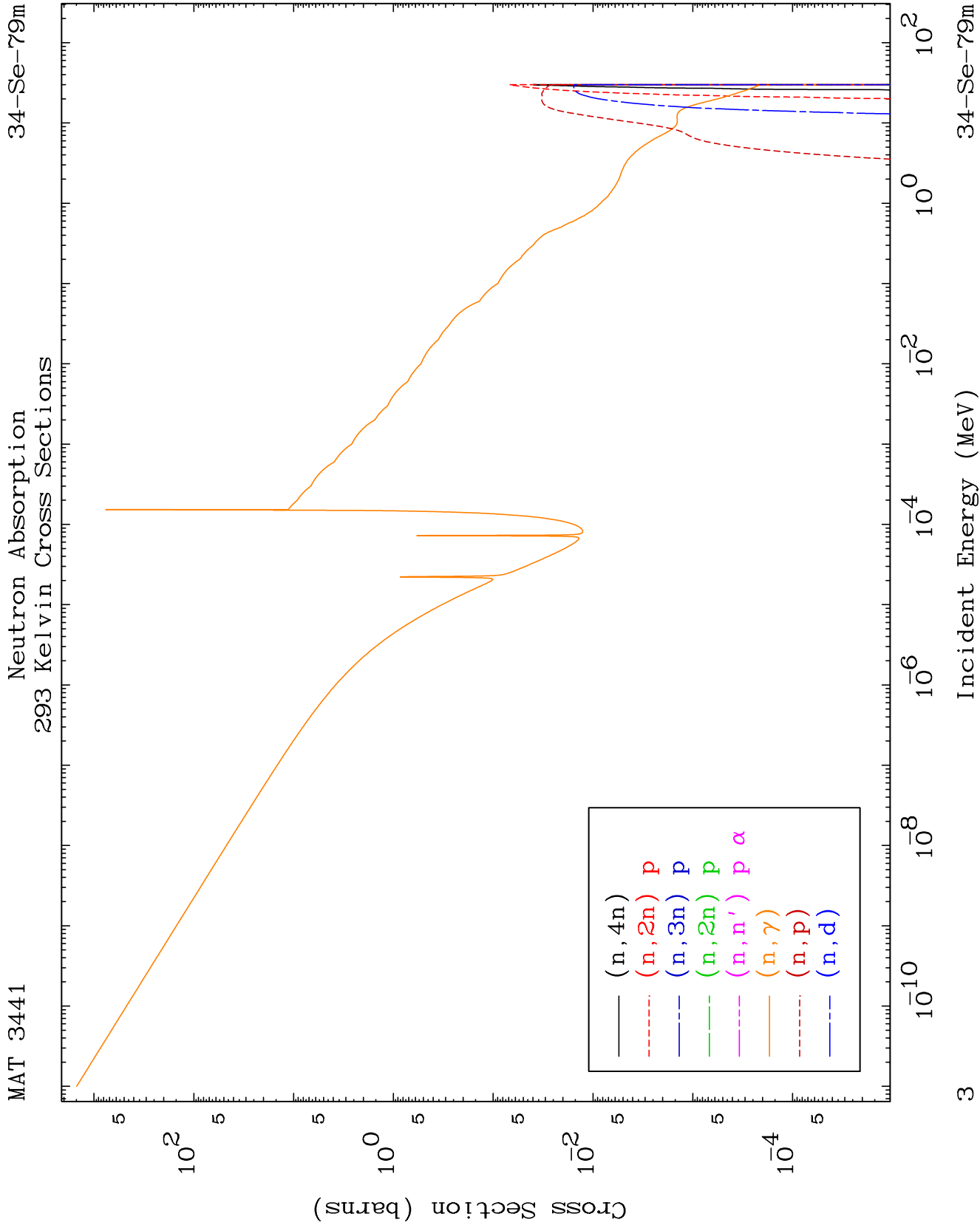
<sup>34</sup>Se-79m

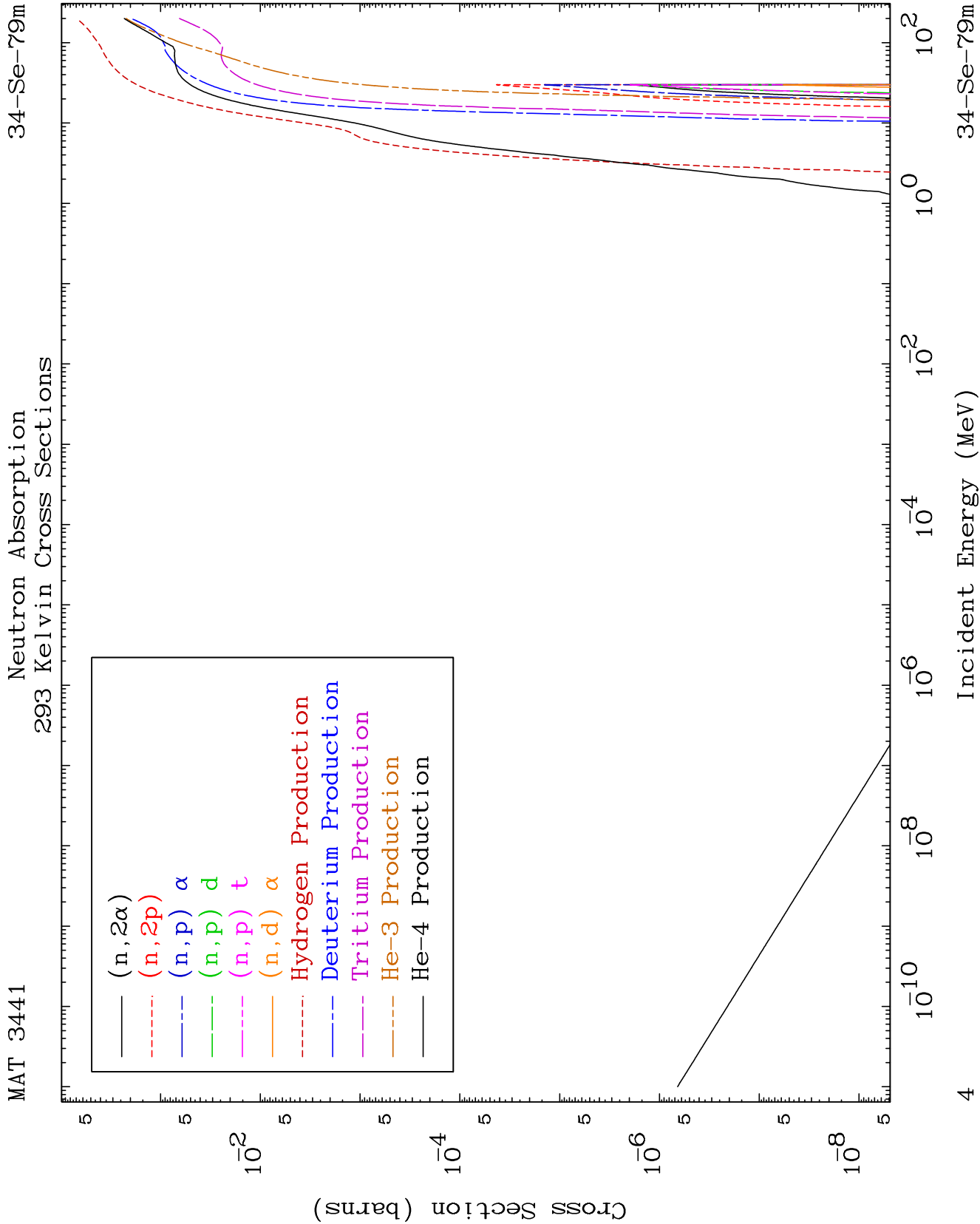


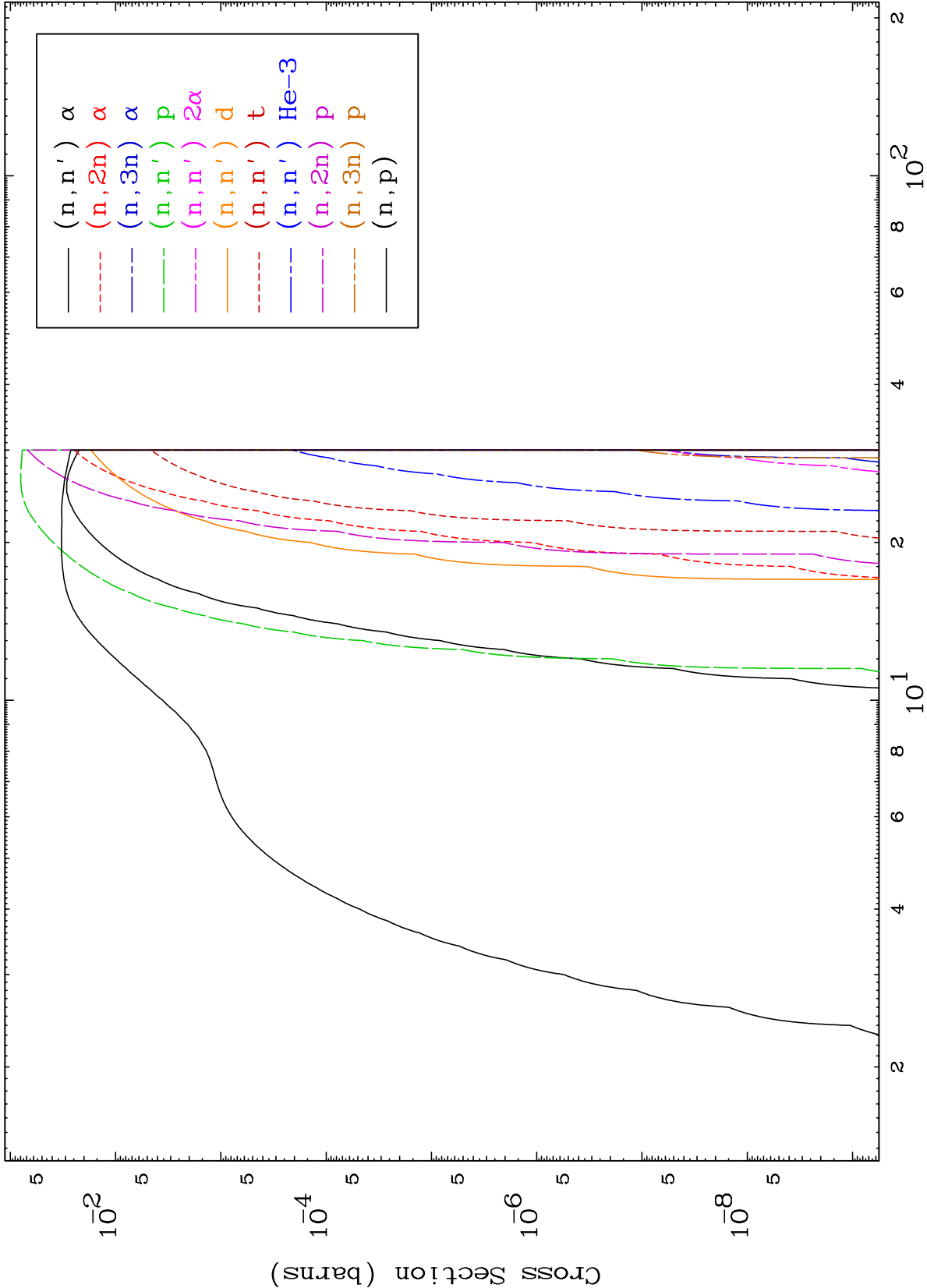
2

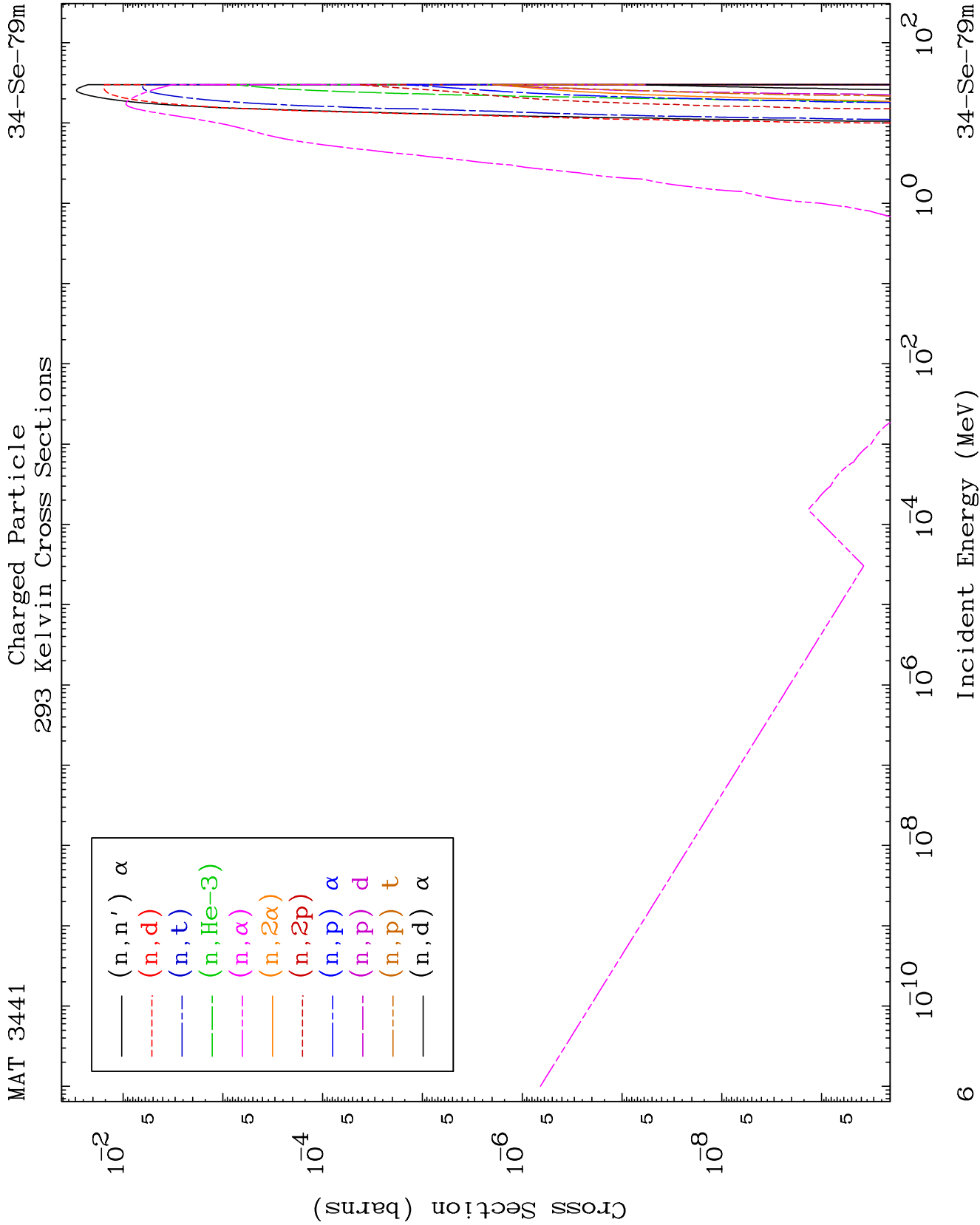
Incident Energy (MeV)

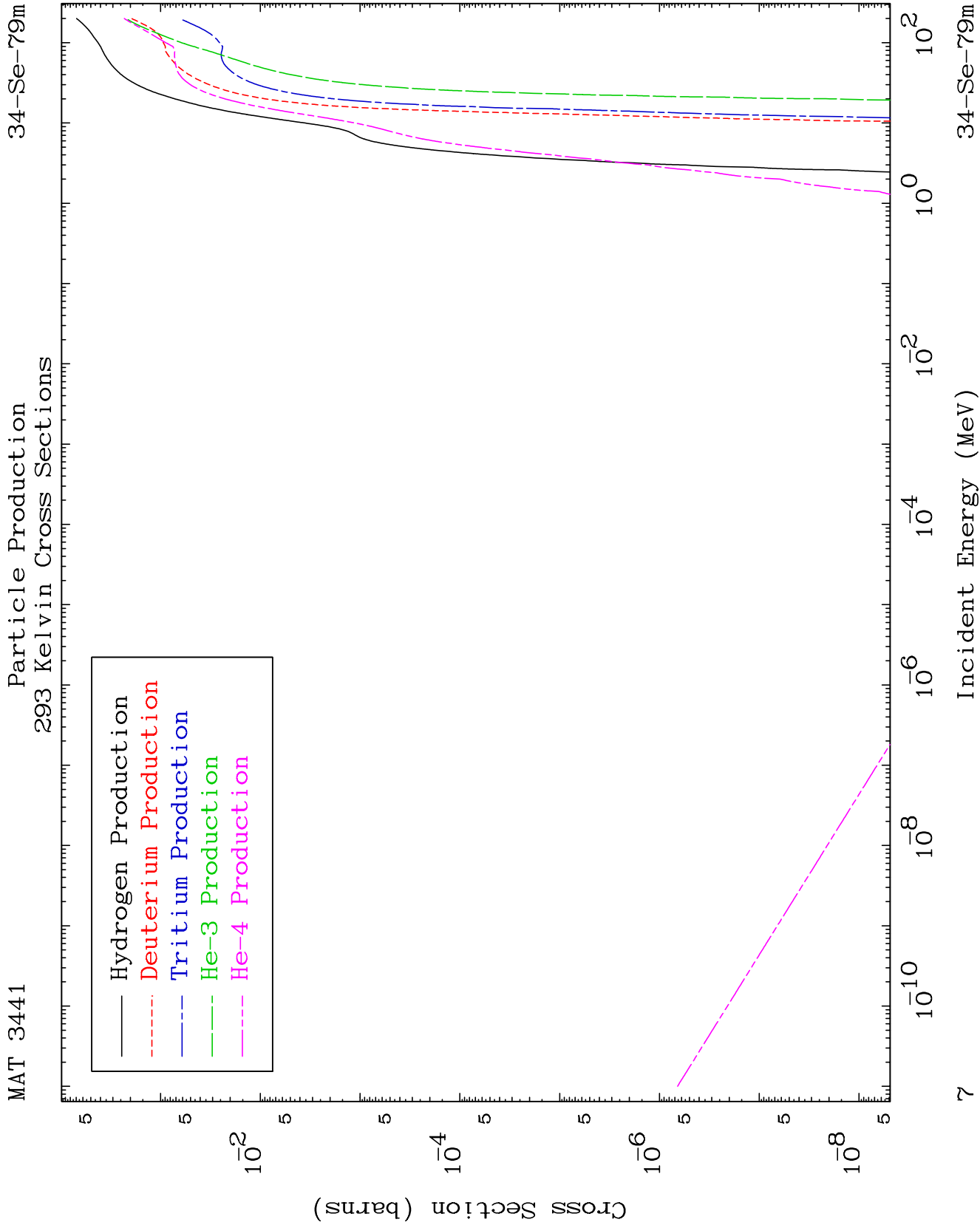
<sup>34</sup>Se-79m



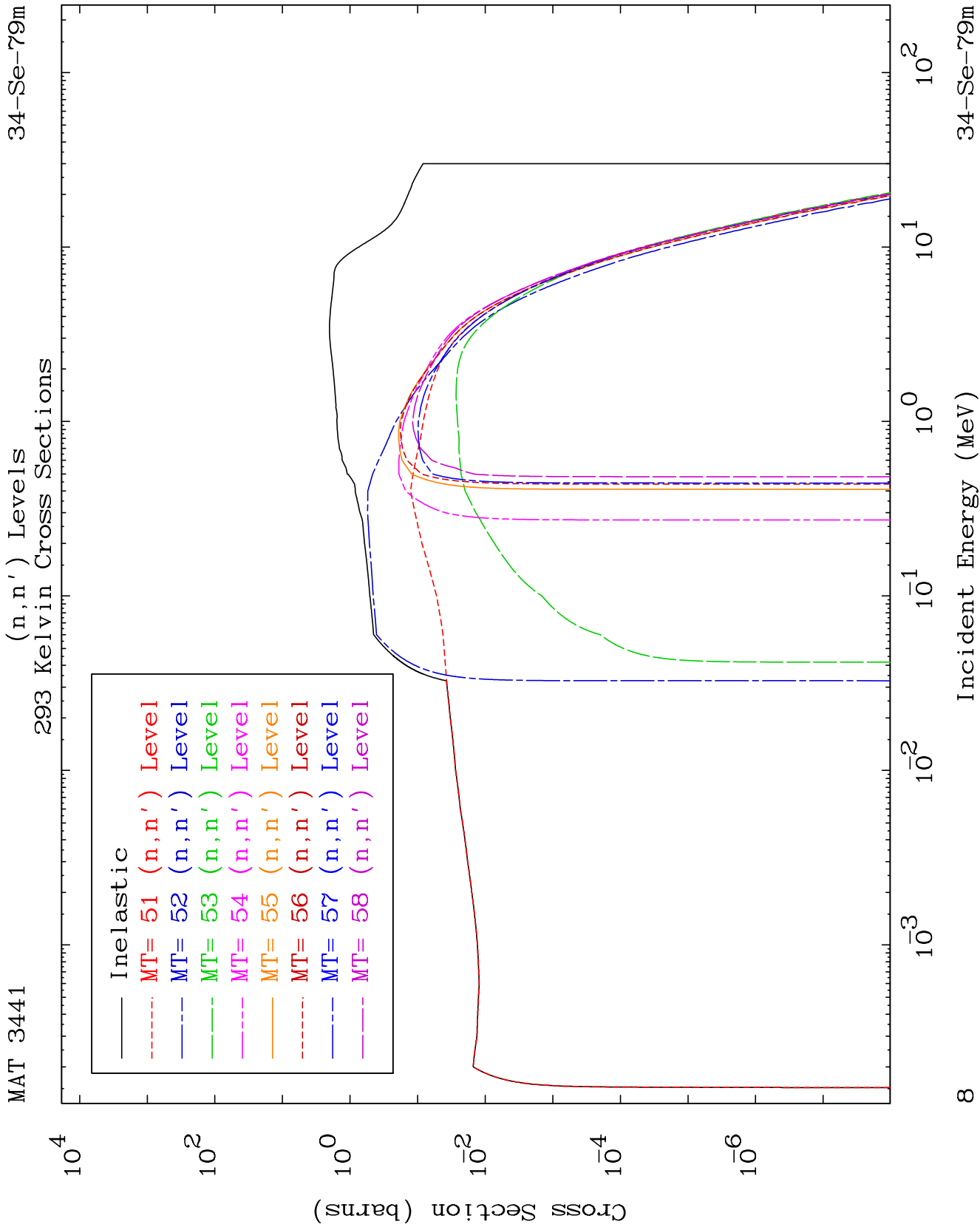


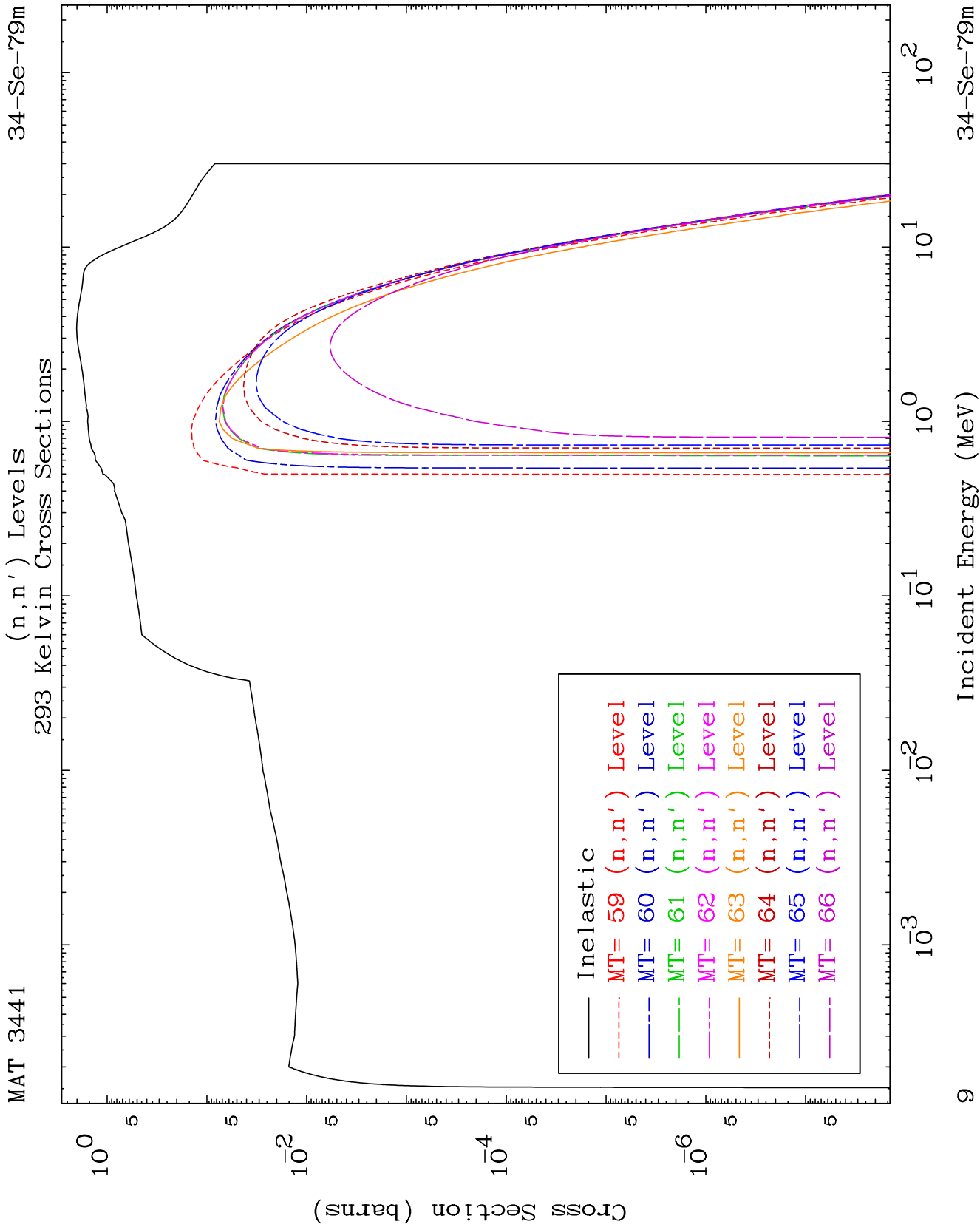


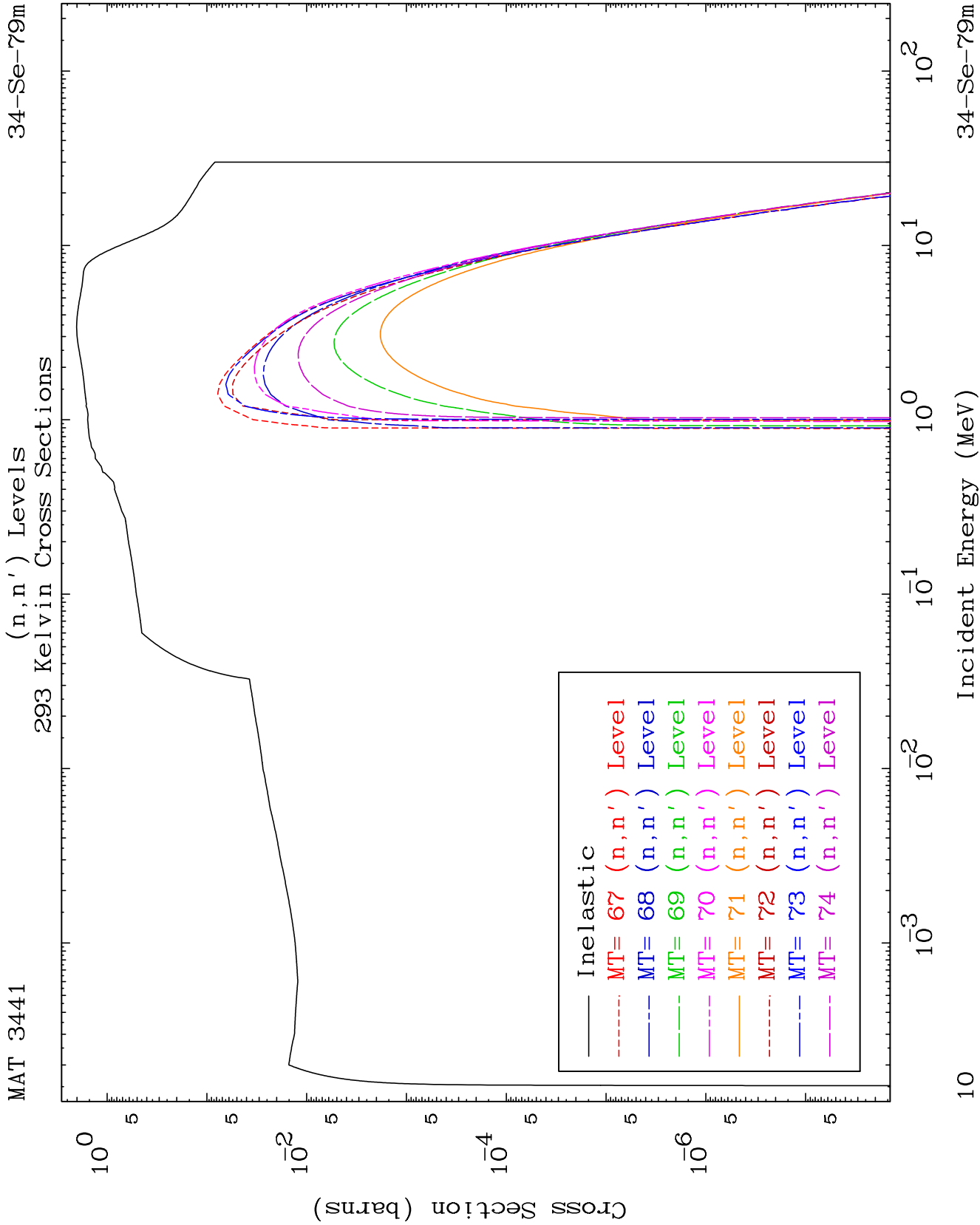


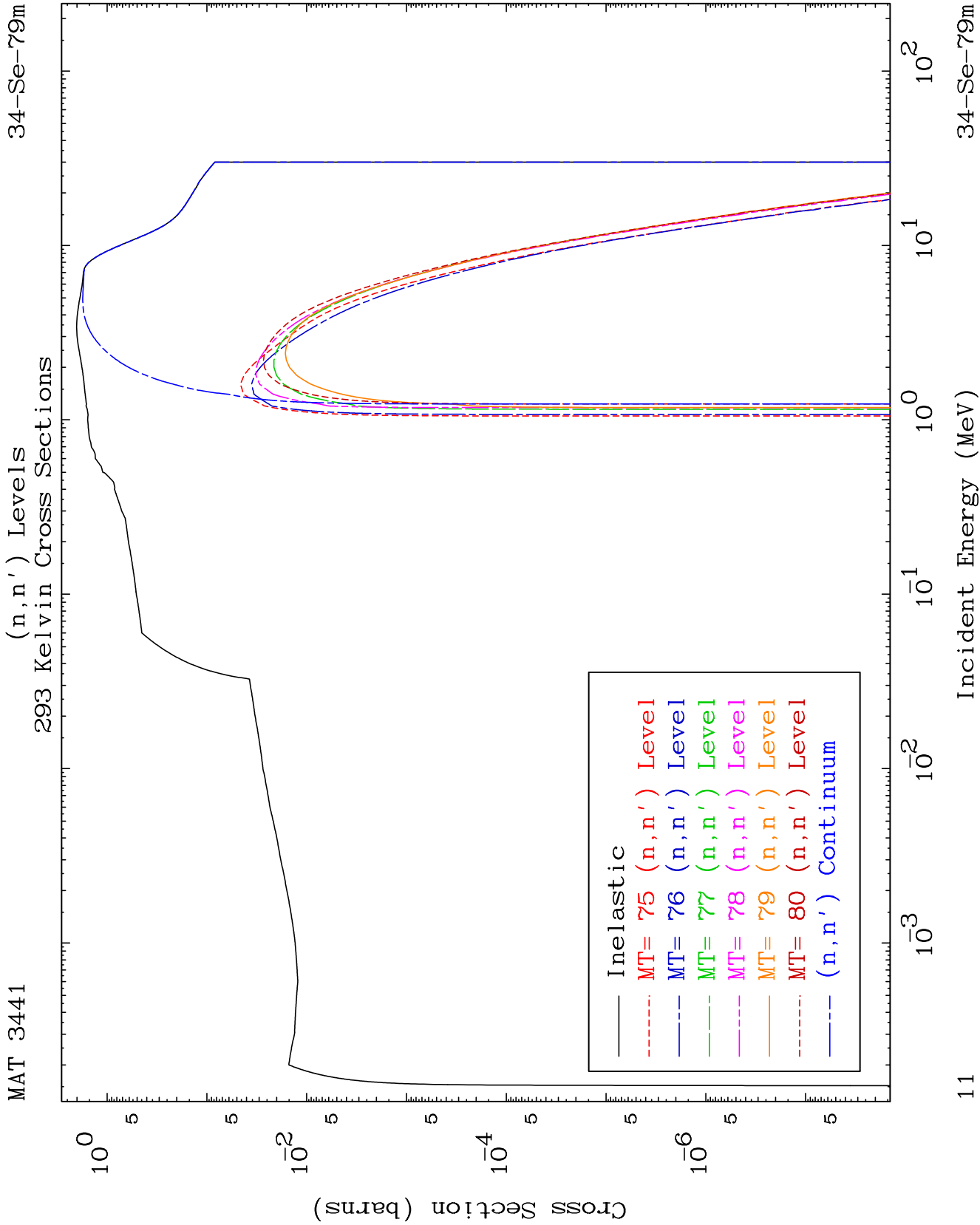








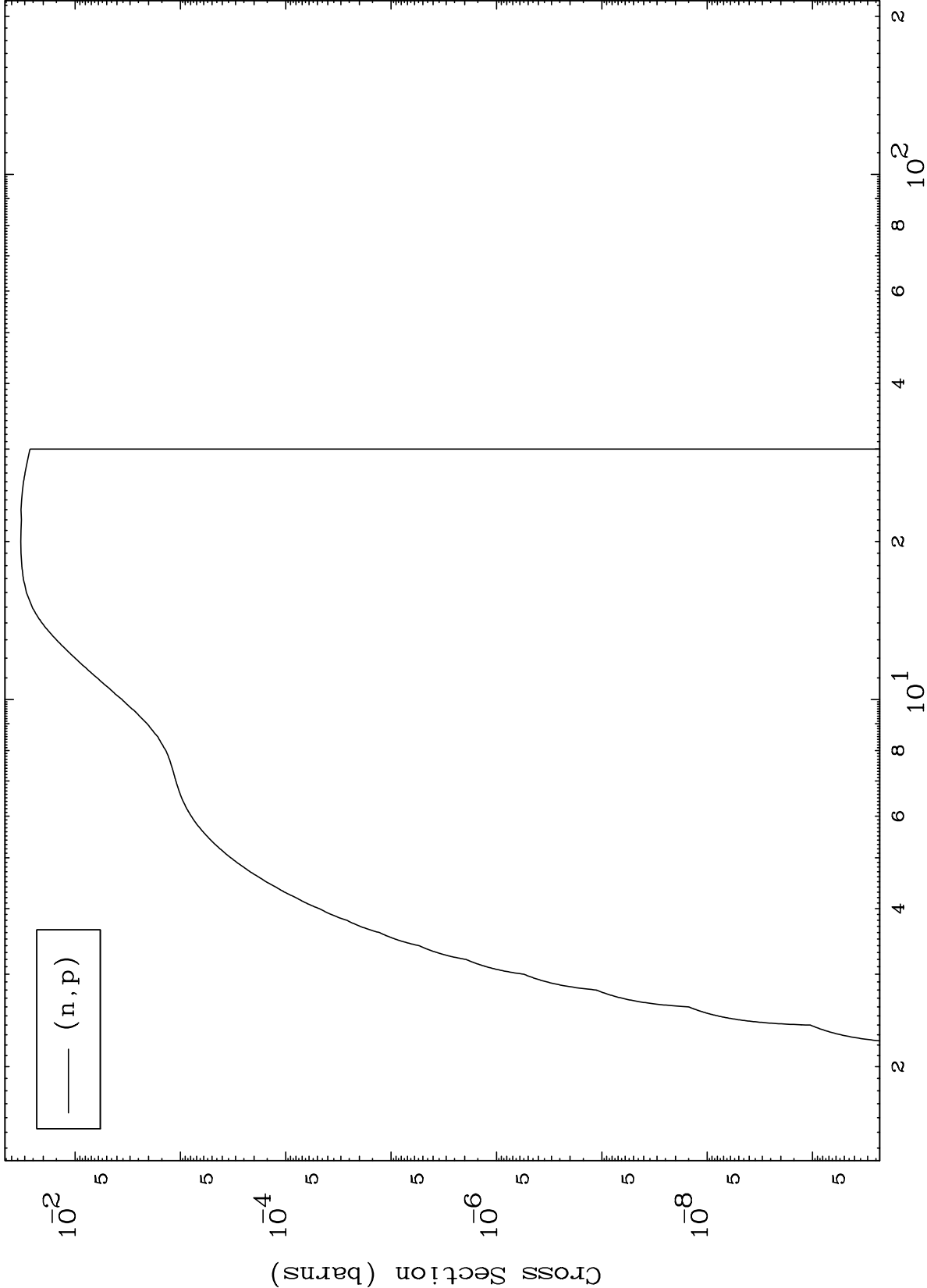




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(n,p) Levels  
293 Kelvin Cross Sections

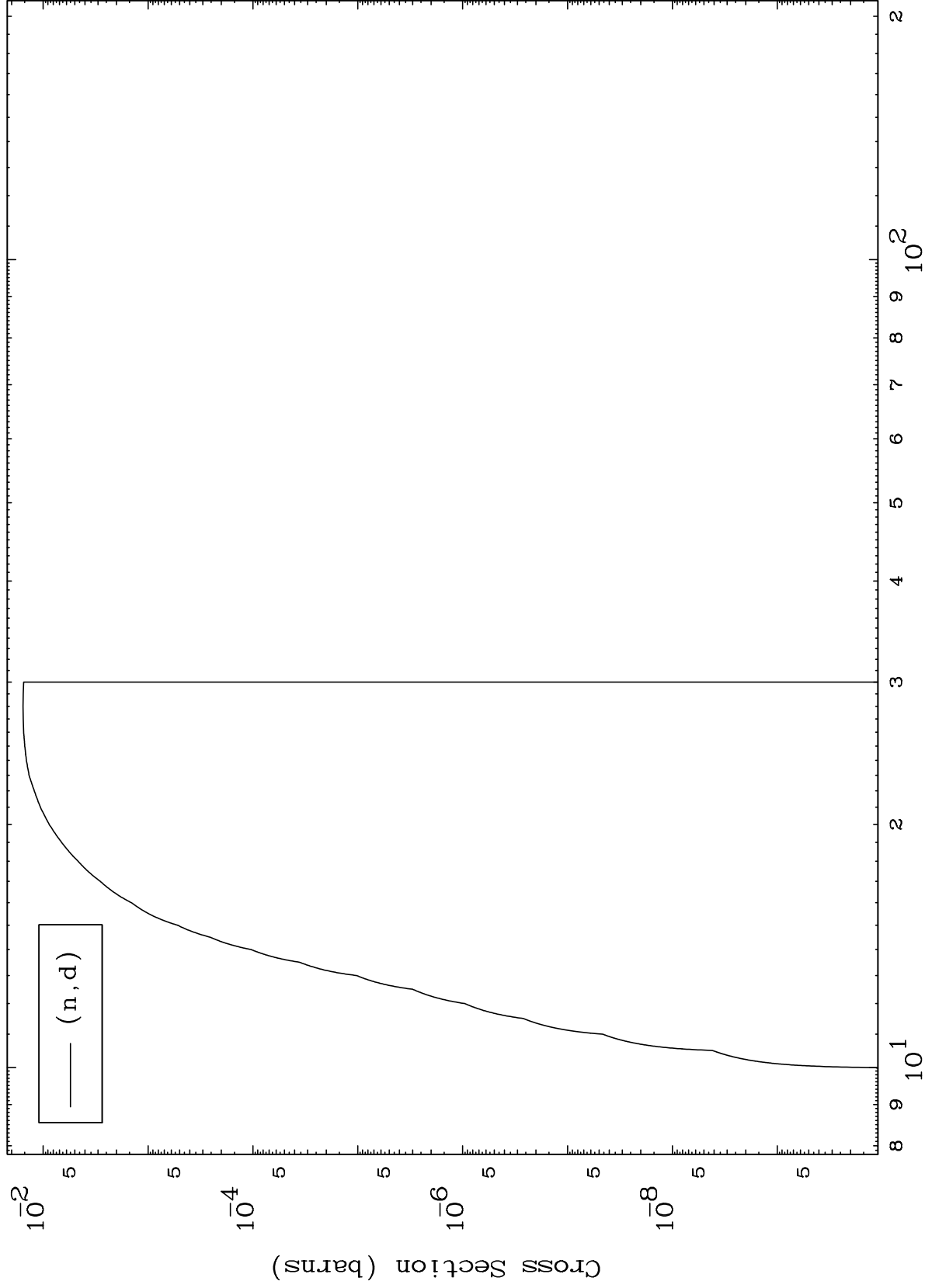
<sup>34</sup>Se-79m



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(n,d) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-79m



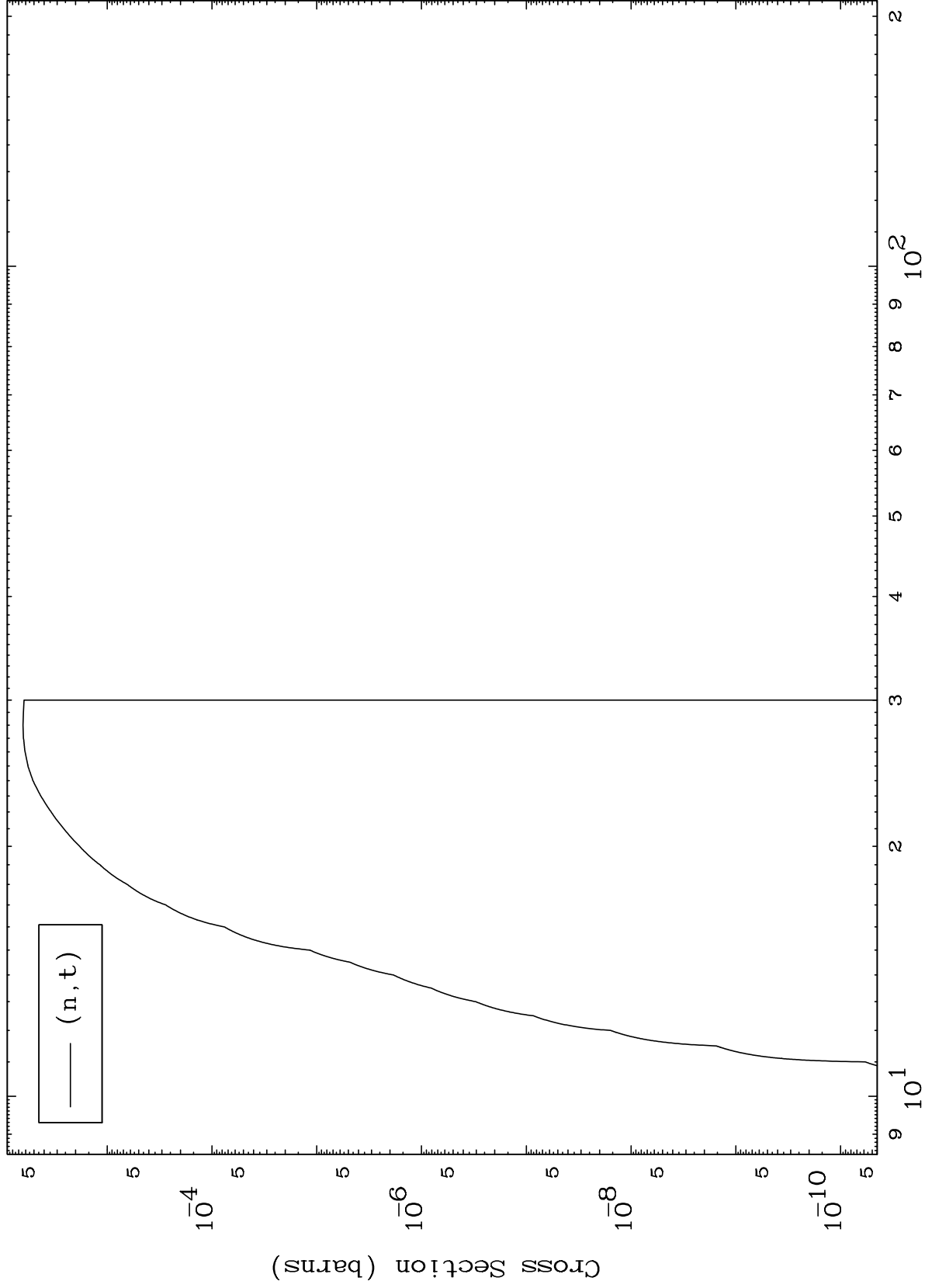
13

<sup>34</sup>Se-79m

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$^{34}\text{Se-79m}$

(n,t) Levels  
293 Kelvin Cross Sections



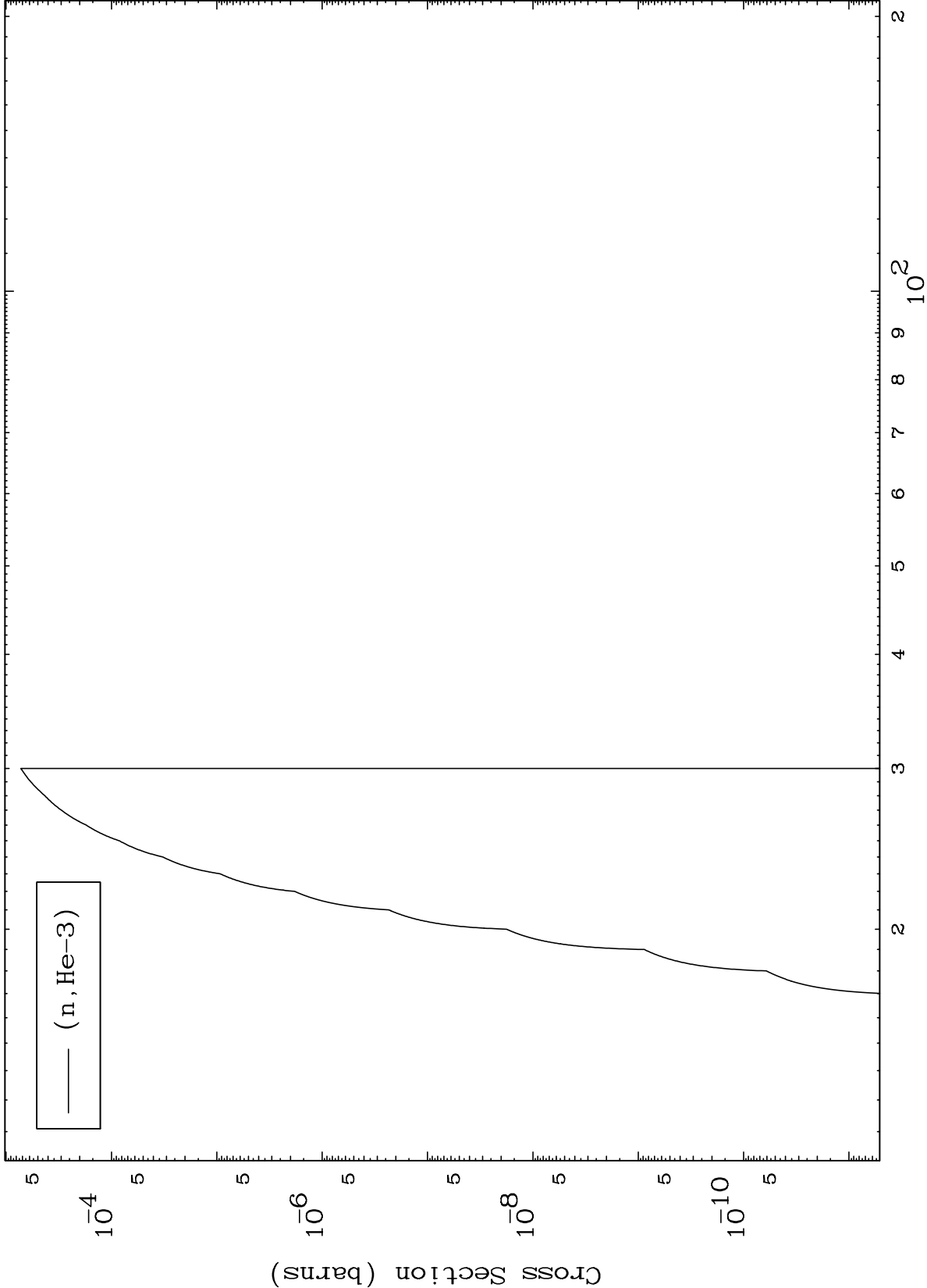
$^{34}\text{Se-79m}$

Incident Energy (MeV)

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(n,He3) Levels  
293 Kelvin Cross Sections

34-Se-79m

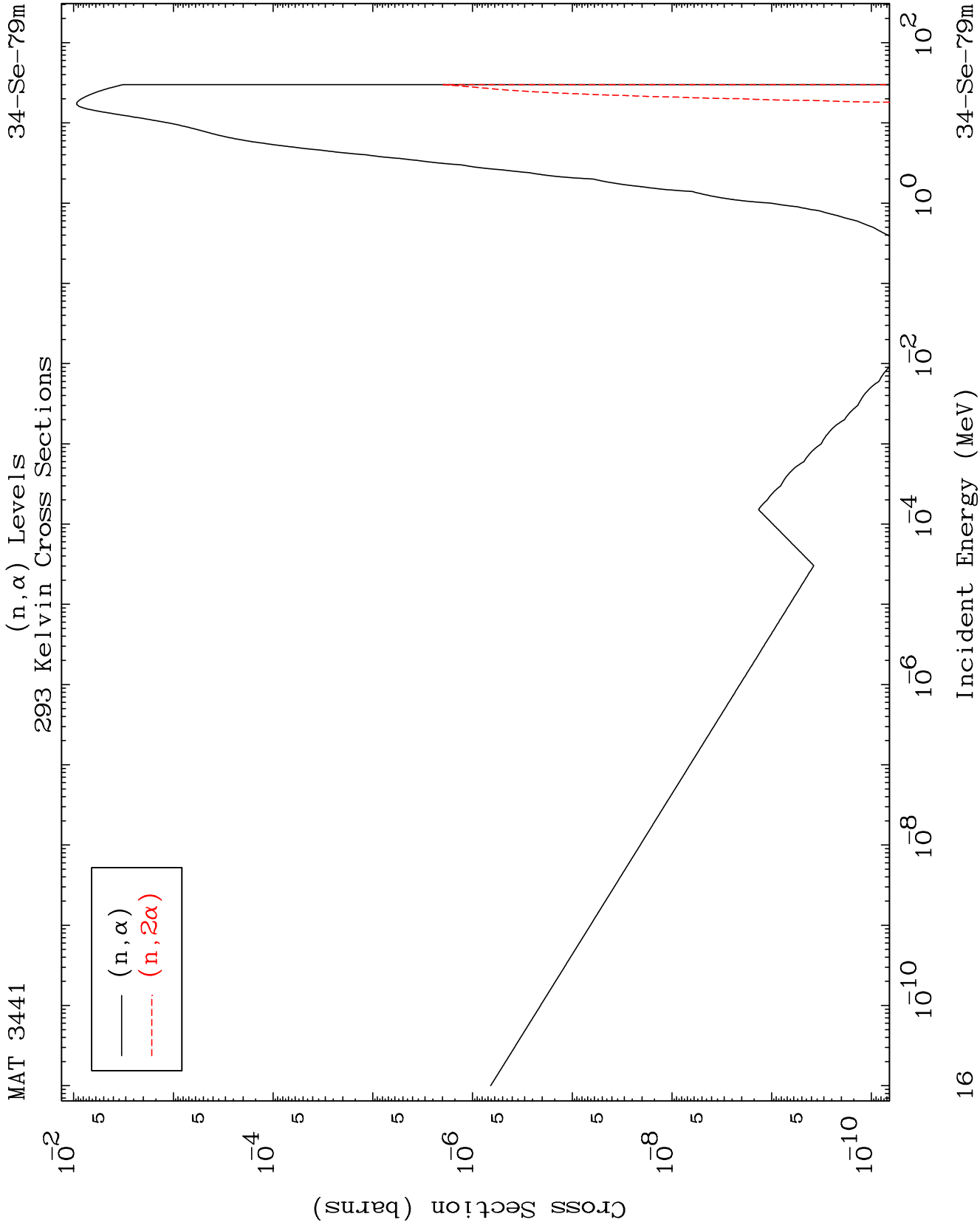


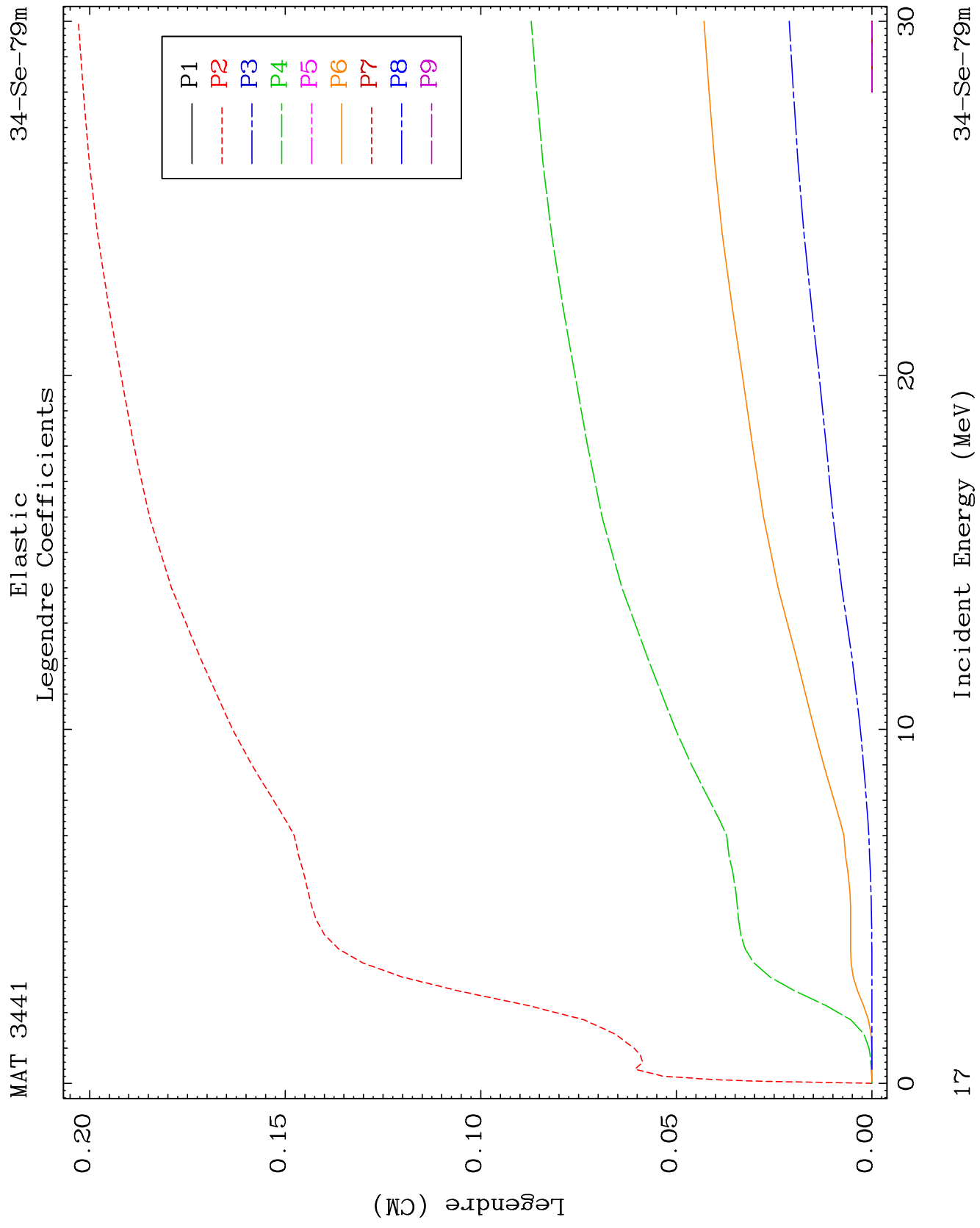
15

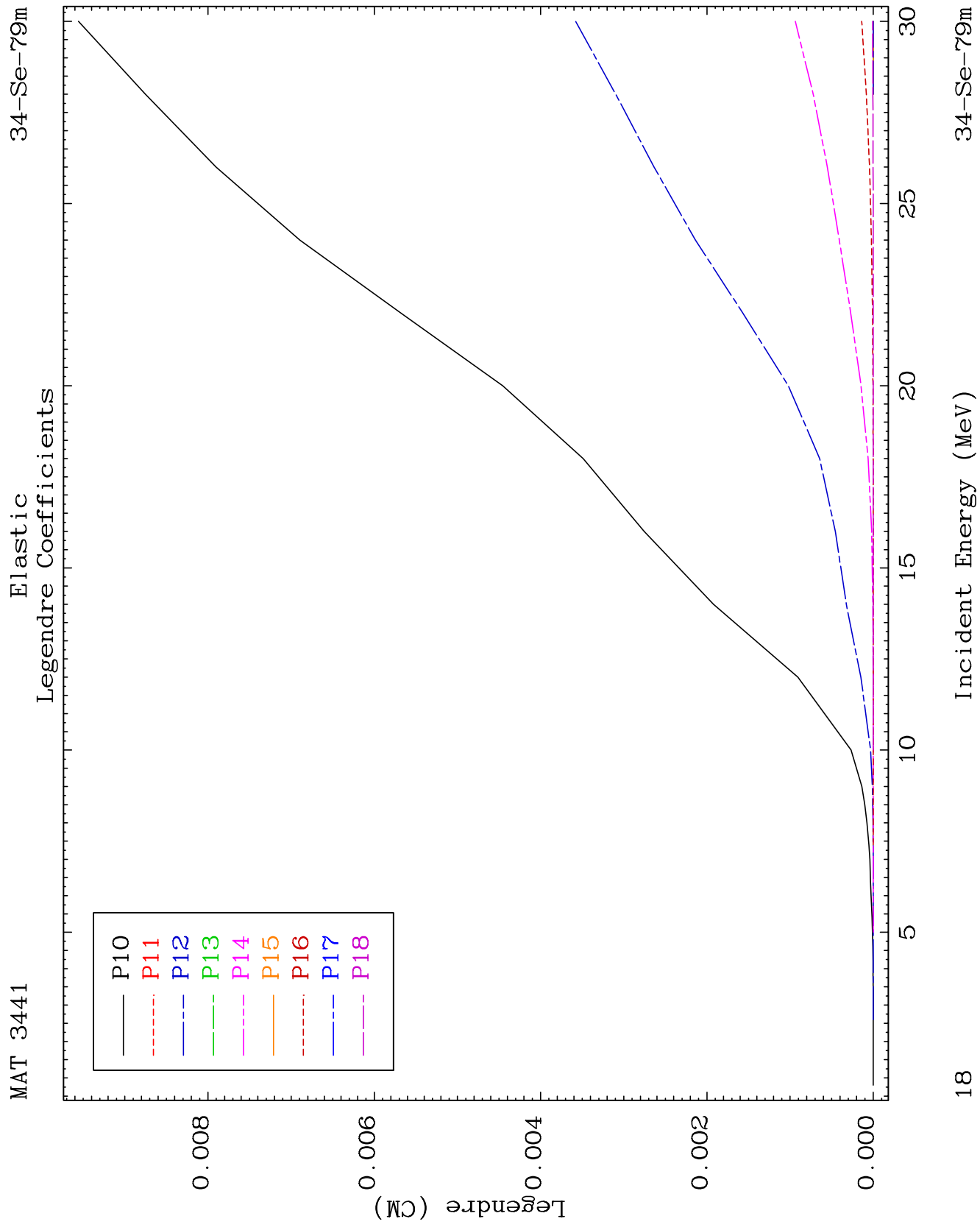
Incident Energy (MeV)

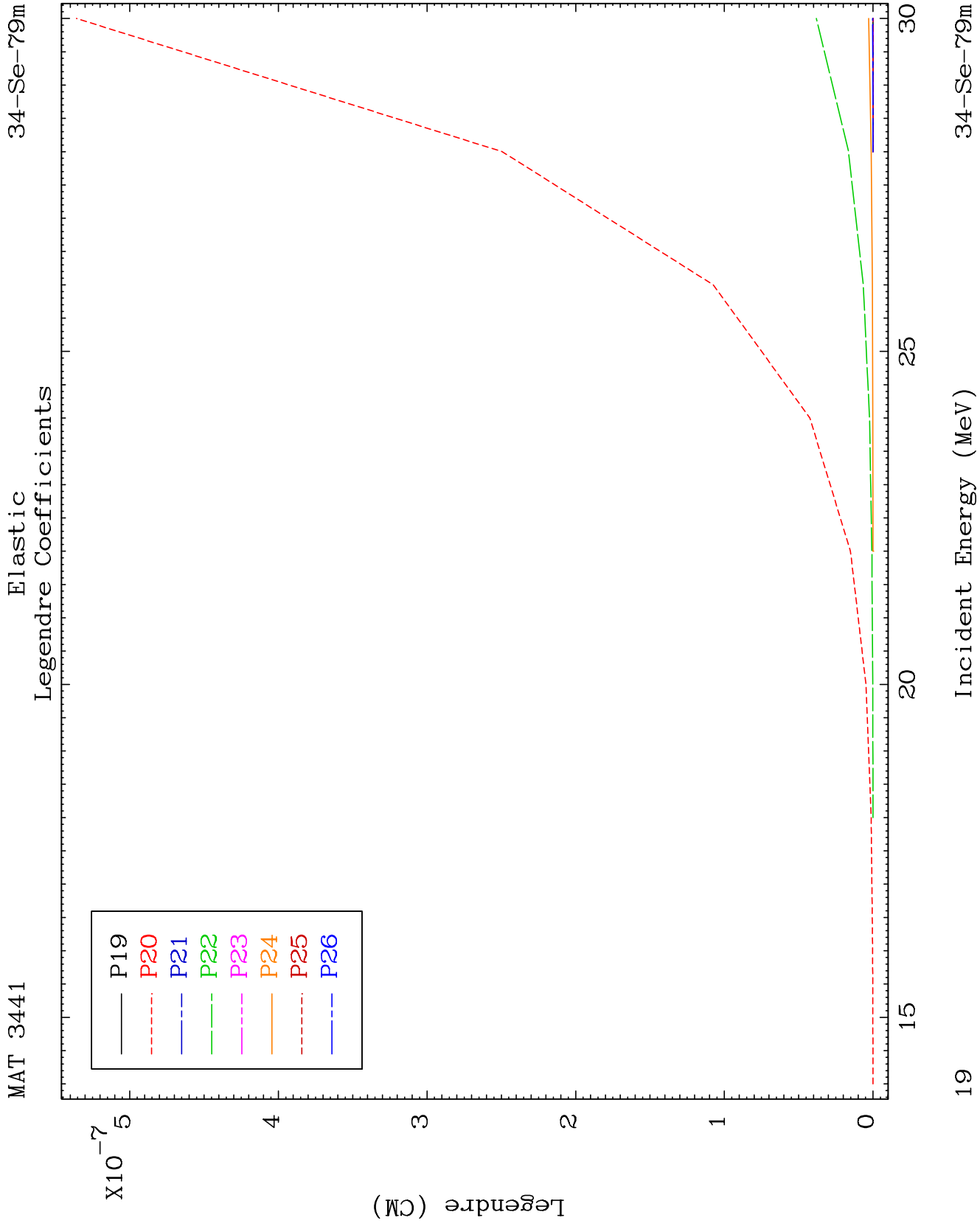
34-Se-79m







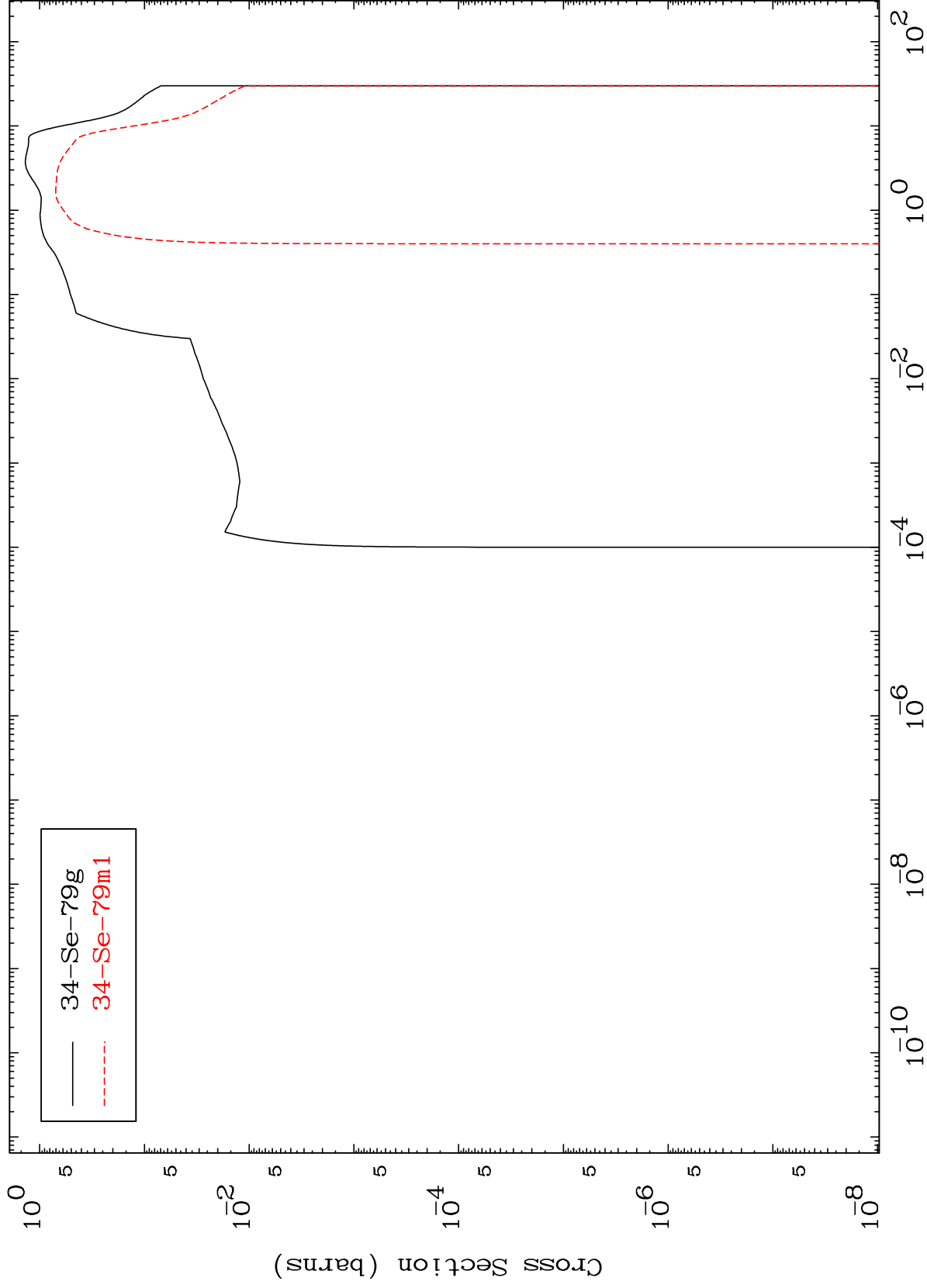




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$^{34}\text{Se-}^{79\text{m}}$

Inelastic  
Radionuclide Production Cross Section



20

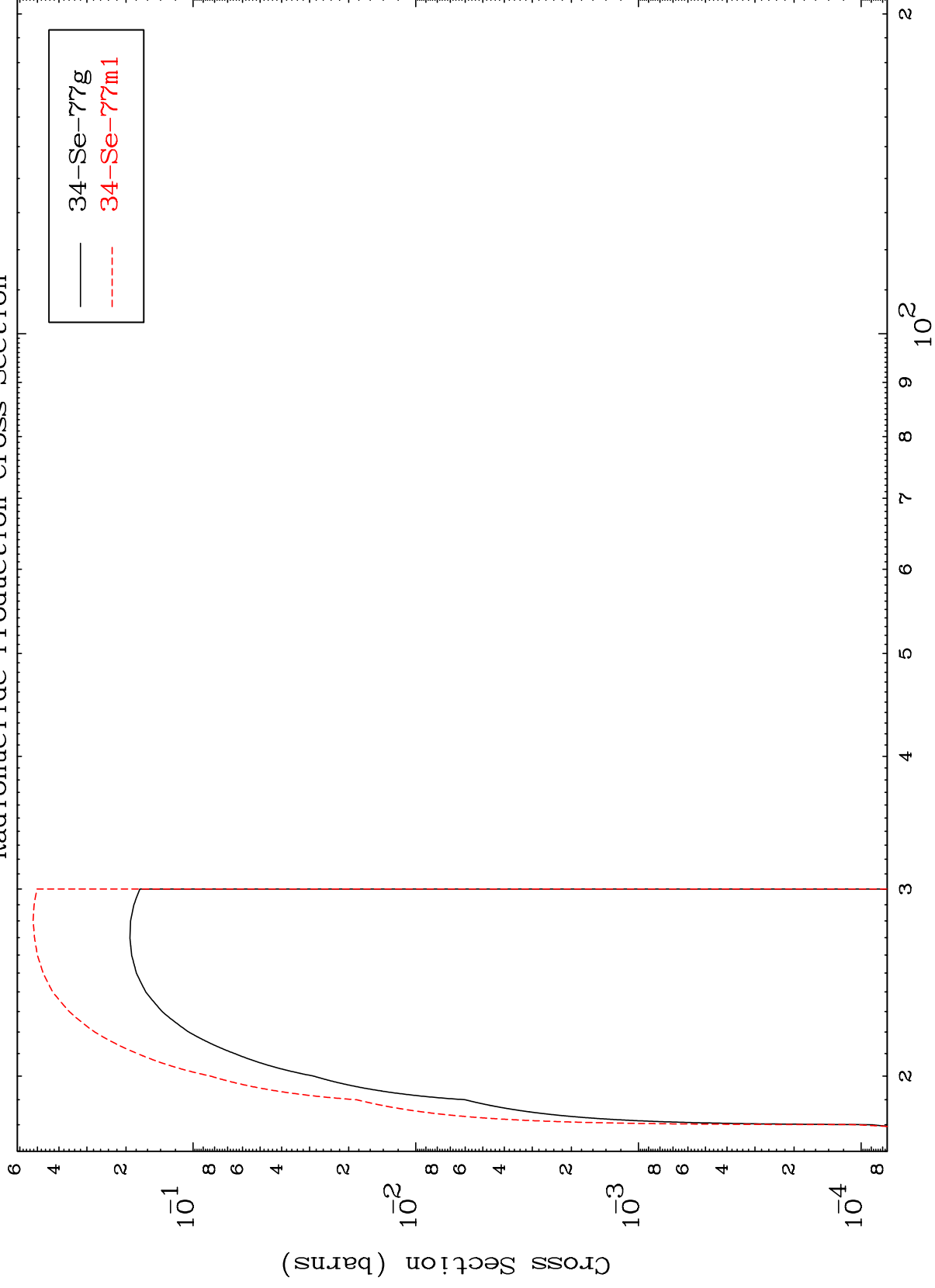
Incident Energy (MeV)

$^{34}\text{Se-}^{79\text{m}}$

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$^{34}\text{Se-}^{79}\text{m}$

$(n,3n)$   
Radionuclide Production Cross Section



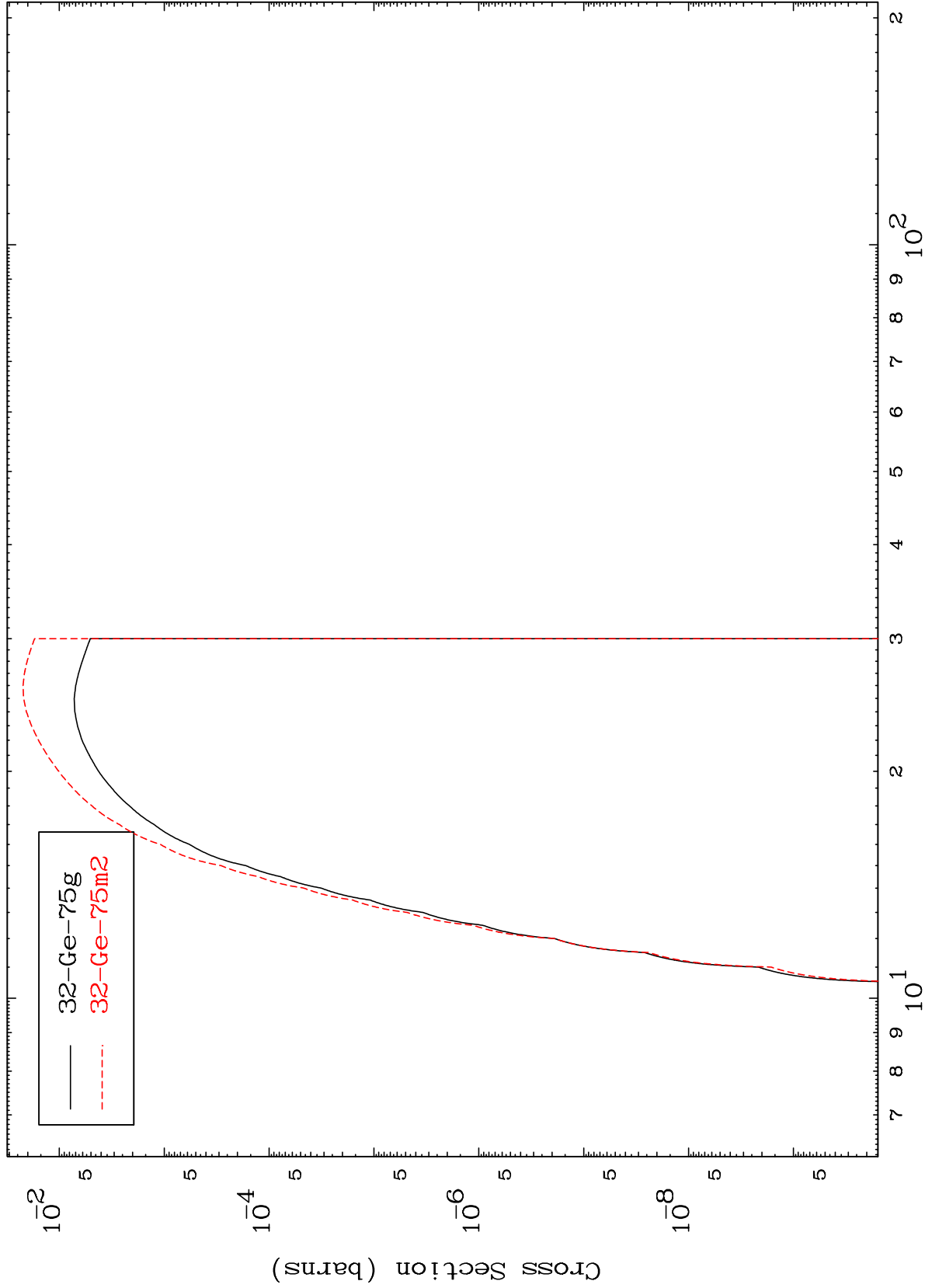
21

$^{34}\text{Se-}^{79}\text{m}$

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$^{34}\text{Se-79m}$

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



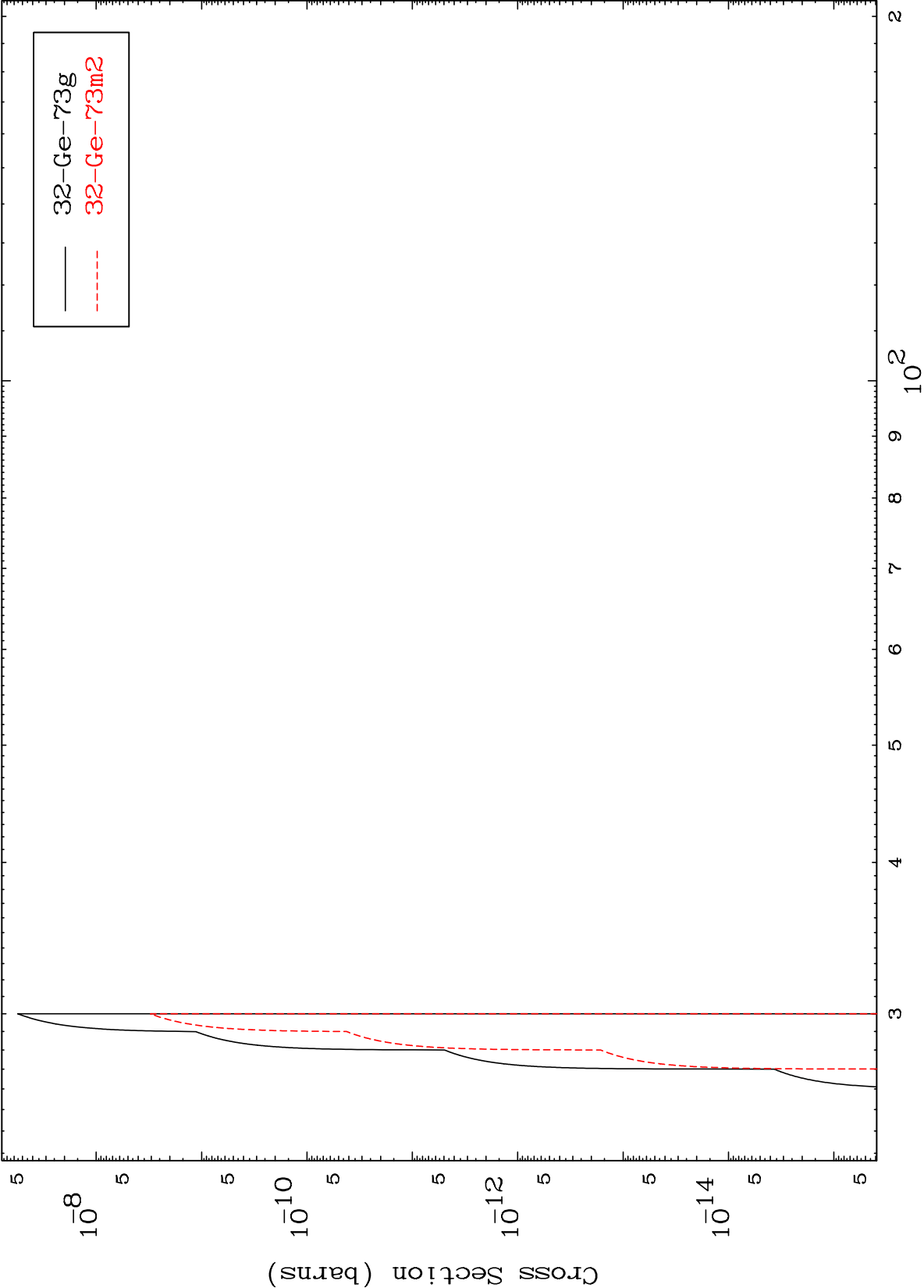
22

Incident Energy (MeV)

$^{34}\text{Se-79m}$

Radionuclide Production Cross Section

(n,3n) α

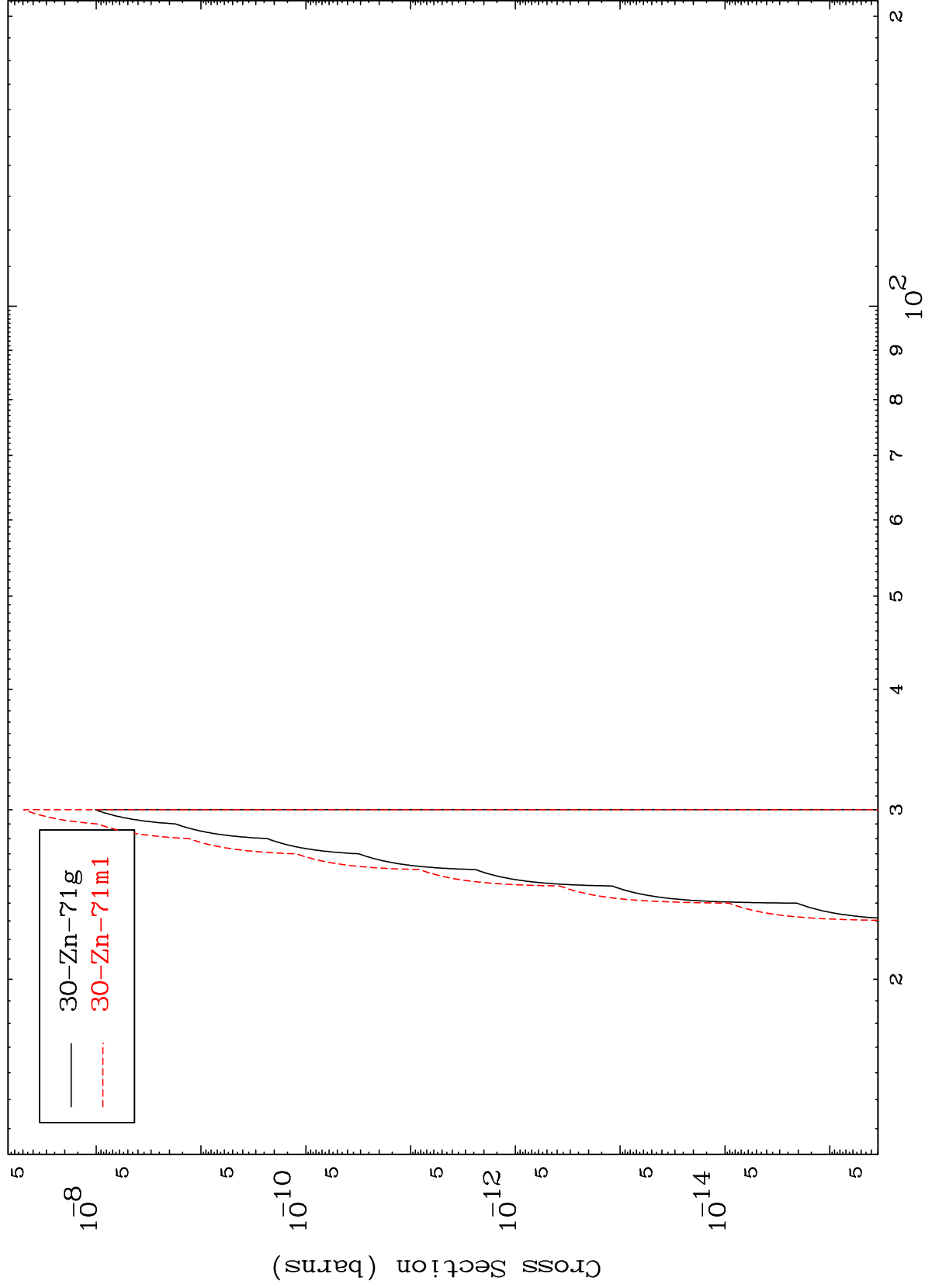




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$^{34}\text{Se-}79\text{m}$

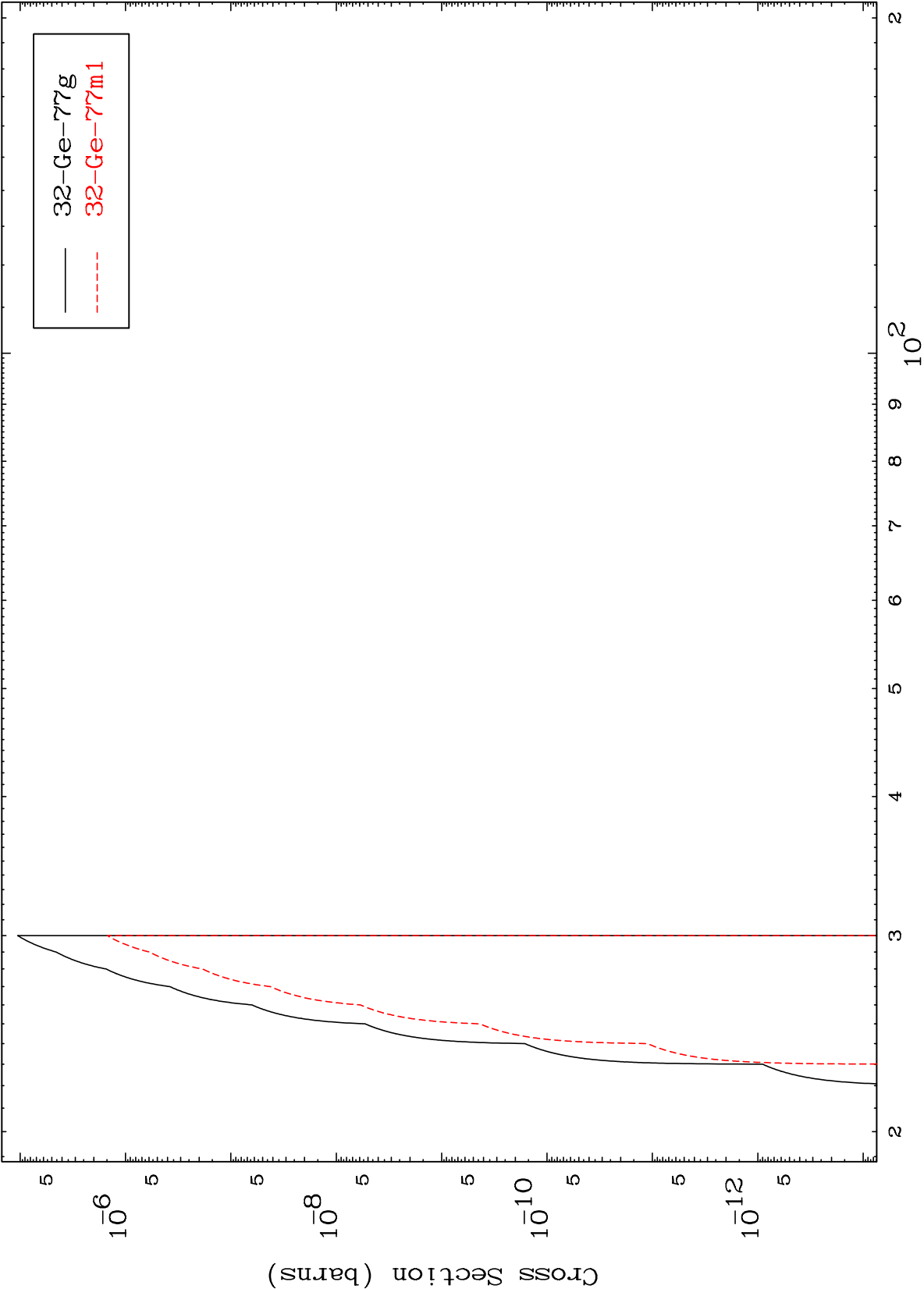
$(n,n')\ 2\alpha$   
Radionuclide Production Cross Section



24

$^{34}\text{Se-}79\text{m}$

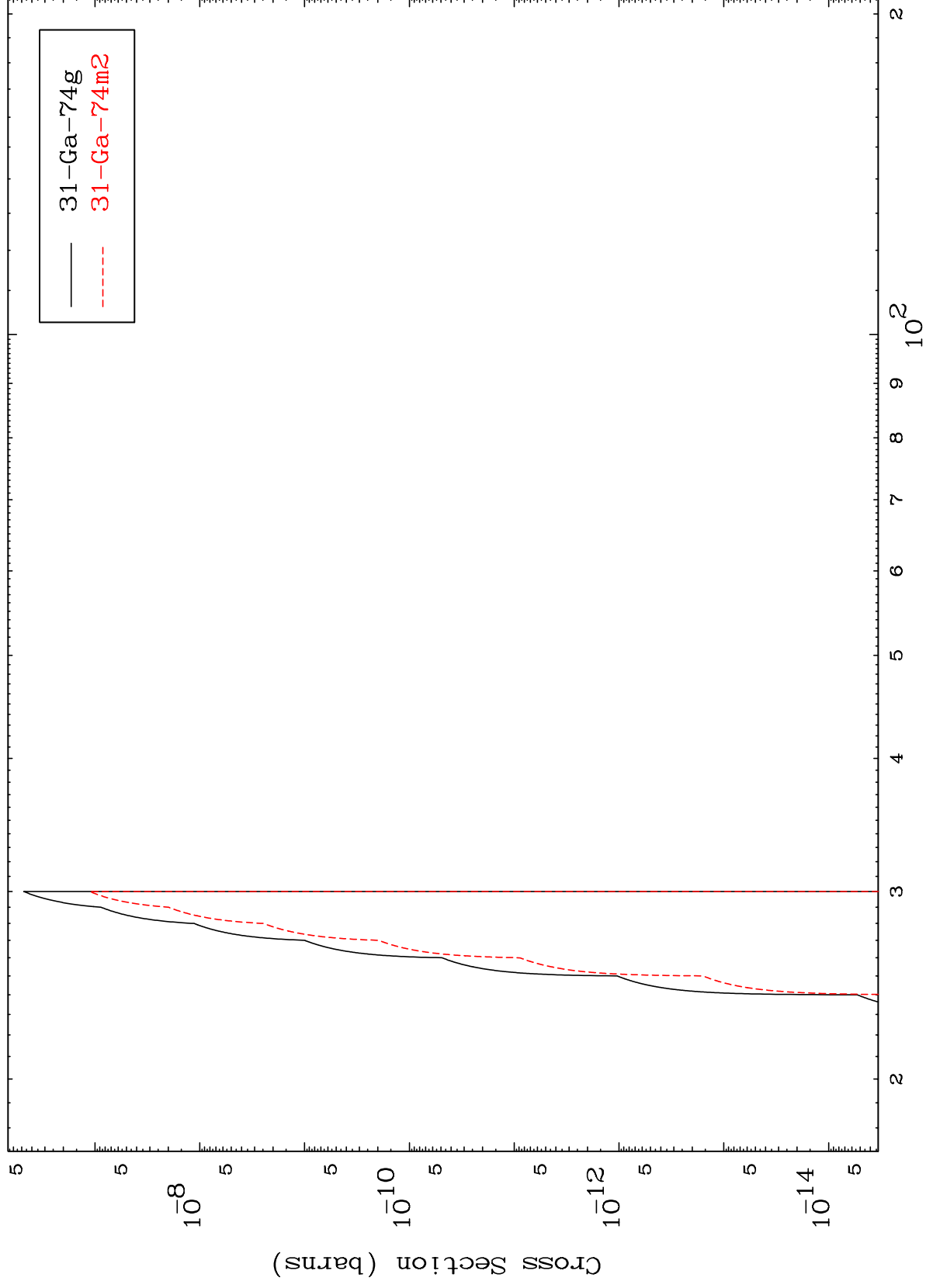
(n,2n) p  
Radionuclide Production Cross Section



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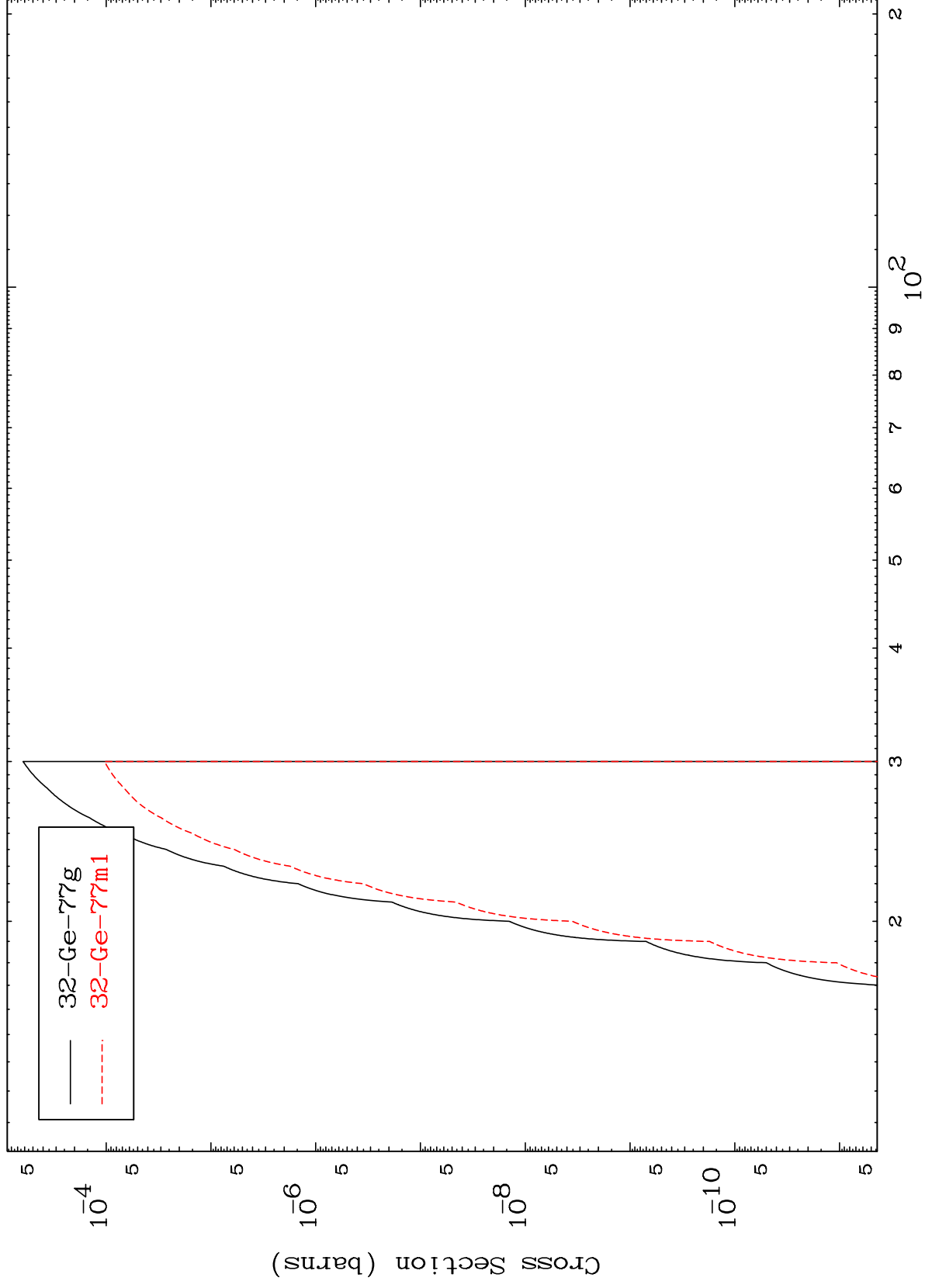
(n,n') p  $\alpha$   
Radionuclide Production Cross Section

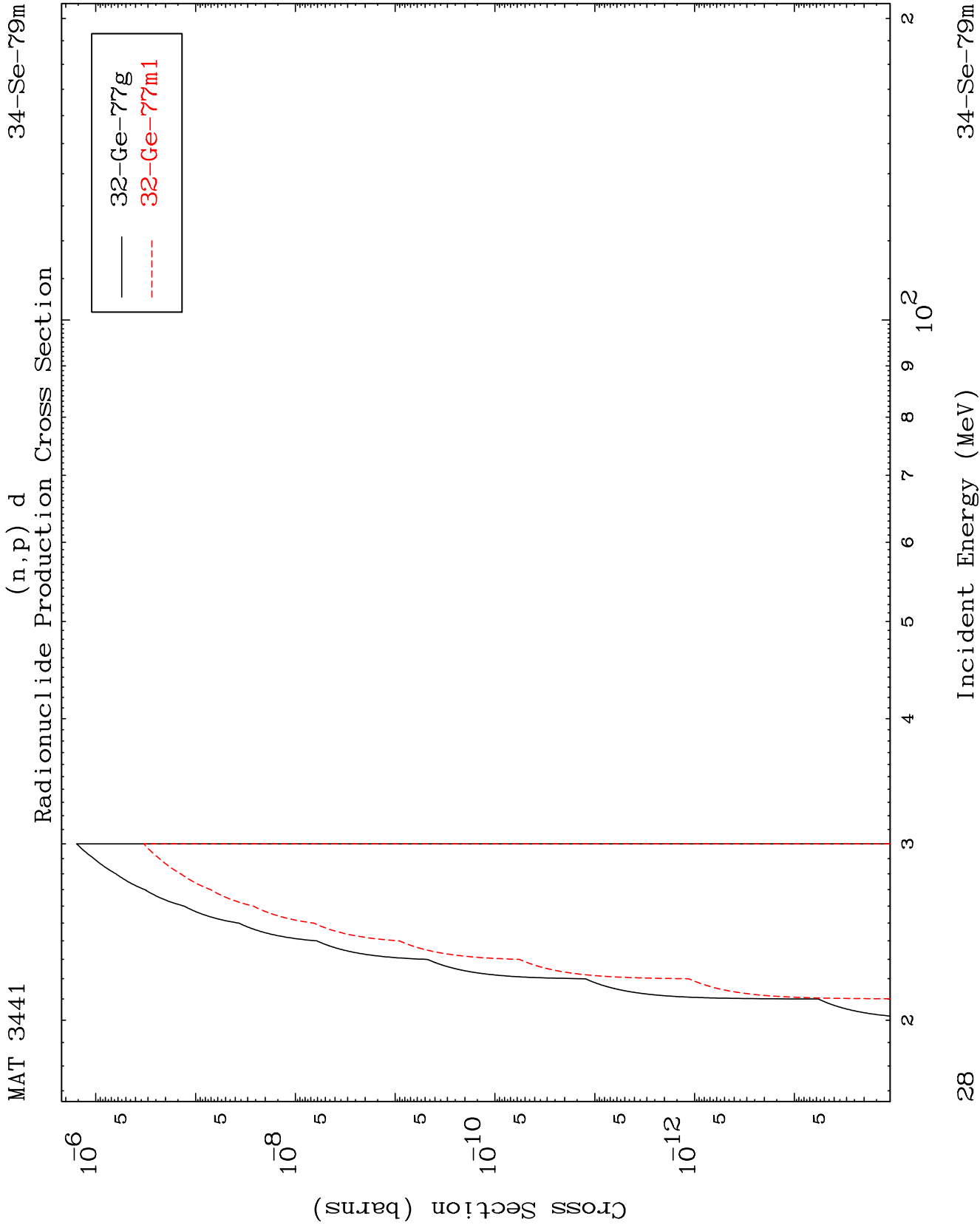


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34-Se-79m

Radionuclide Production Cross Section  
(n,He-3)

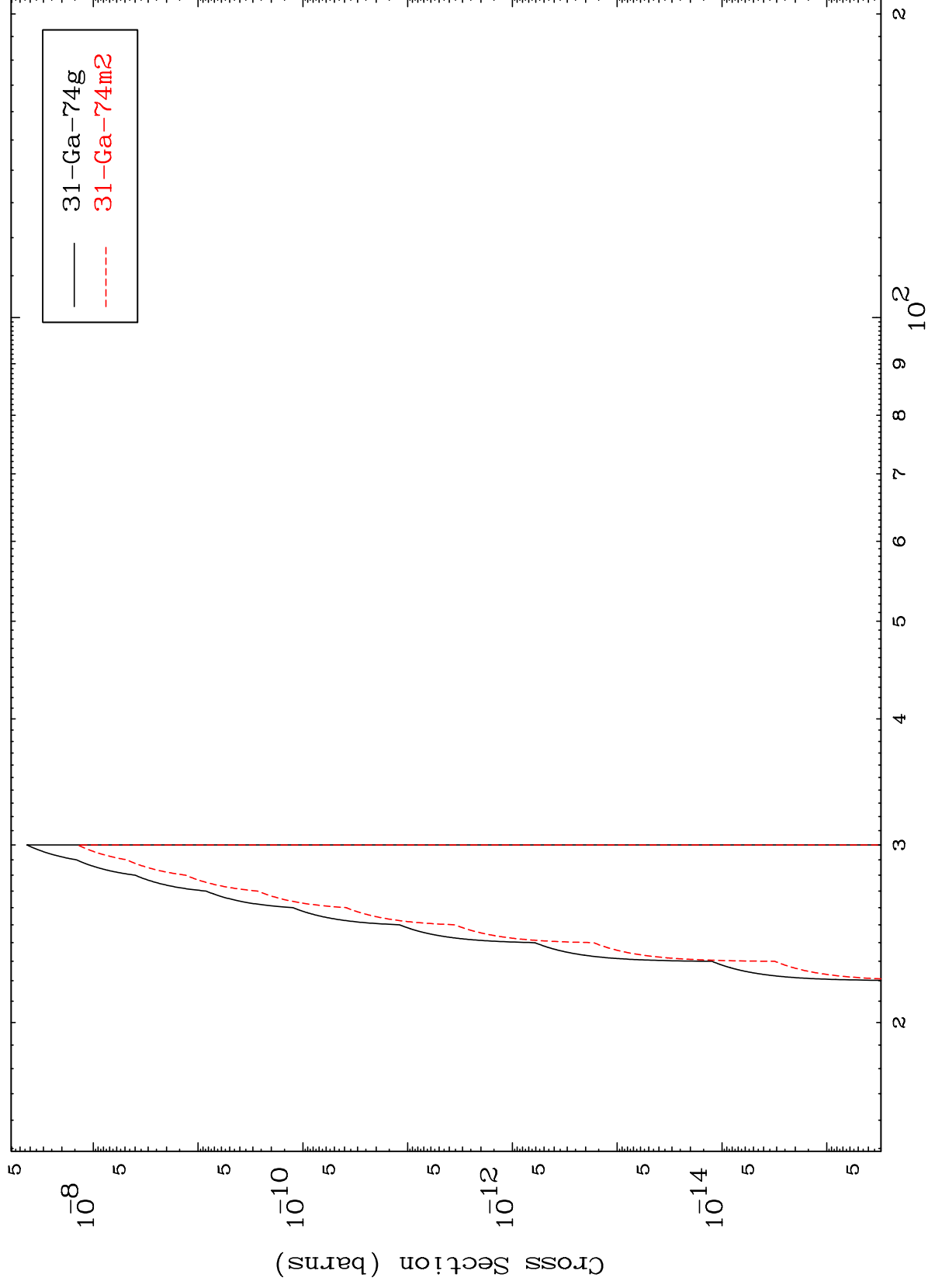




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$^{34}\text{Se-}^{79}\text{m}$

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



29

Incident Energy (MeV)

$^{34}\text{Se-}^{79}\text{m}$